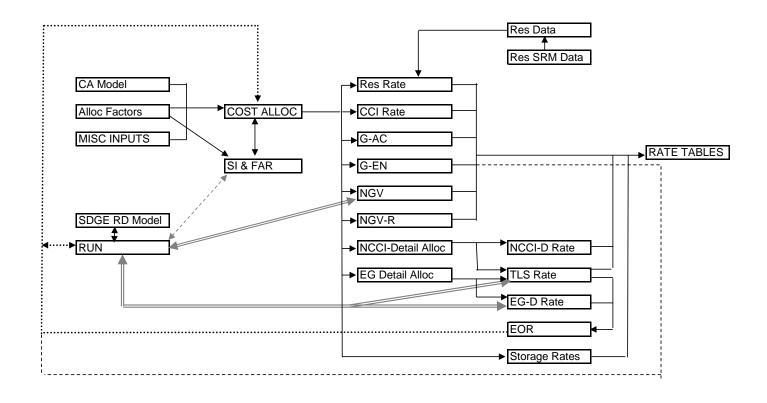
SOUTHERN CALIFORNIA GAS COMPANY 2020 TCAP

Section 1
Rate Design Model

Workpapers to the Prepared Written Testimony of Sharim Chaudhury

Transportation Rates and Revenues Southern California Gas Company 2020 TRIENNIAL COST ALLOCATION PROCEEDING

| | Worksheet Tab | Purpose |
|----|---------------------|--|
| 1 | Table of Contents | Table of Contents |
| 2 | FlowChart | Rate Design Model FlowChart |
| 3 | Bill Insert | Bill Insert |
| 4 | Model Input | Input tab for RD models |
| 5 | RD Testimony Tables | Rate Tables used in Chaudhury's testimony |
| 6 | Rate Tables | Proposed rates & revenue compared to Current Rates & Revenue |
| 7 | Revenue Check | Verfies that revenue requirements are properly recovered in rates |
| 8 | Cost Alloc | Allocates costs to customer classes |
| 9 | Alloc Factors | Factors used to allocate costs to classes, primarily demand forecast |
| 10 | CA Model | Results of base margin cost allocation model |
| 11 | EOR | Rate calculation for enhanced oil recovery market |
| 12 | Misc Input | Miscellaneous inputs, such as cost of gas |
| 13 | SI & BTS | Calculation of System Integration and revenue from Backbone Transmission Service |
| 14 | Res Rate | Calculation of Residential rates |
| 15 | Res Data | Data used in calculation of residential rates |
| 16 | Res SRM Data | Data used in calculation of residential rates |
| 17 | CCI Rates | Calculation of Core C&I rates |
| 18 | G-AC | Calculation of Air Conditioning rate |
| 19 | G-EN | Caclulation of gas engine rate |
| 20 | NGV | Calculation of NGV rate |
| 21 | NGV-R Rate | Calculation of NGV Residential rate |
| 22 | NCCI-D Rates | Calculation of Noncore C&I rate for Distribution level service |
| 23 | EG-D Rates | Calculation of Electric Generation rate for Distriibution level service |
| 24 | TLS Rate | Calculation of Transmission Level Service rate |
| 25 | Current Cost Alloc | Results of Current Cost Allocation |
| 26 | Reconcile | Reconciles revenue requirement and rates between Proposal and Current |
| 27 | Res Bill | Compare residential bill under current rates and proposed rates |
| 28 | CCI Bill | Compare CCI bill under current rates and proposed rates |
| 29 | RUN | Data that transfers between SCG and SDGE Rate Design Models |



KEY:

Data exchanged with SDGE for Sempra Wide NGV, EG-D and TLS rates.
Data exchanged with SDGE for System Integration and FAR revenue.
EOR Revenue & G-EN CAP require an iteration back into Cost Alloc tab.

Each box is a worksheet tab in rate design model

Tabs not shown in flowchart

Table of Contents

Flowchart

Revenue Check

Current Cost Alloc

Reconcile

Reg Accts

Res Bill

CCI Bill

SOUTHERN CALIFORNIA GAS COMPANY Illustrative Change in Class Average Rates Due to Proposed TCAP Effective January 1, 2020

| | Present Rates | Proposed Rates | ¢/therm Change | % Change |
|---|------------------|----------------|-------------------|----------|
| Customer Class | (¢/therm) | (¢/therm) | (¢/therm) | |
| Residential (Core)* | 74.8 | 74.3 | (0.5) | -0.7% |
| Commercial/Industrial (Core)* | 32.5 | 38.0 | 5.5 | 17.1% |
| Commercial/Industrial-Distribution Level (Noncore)** | 7.7 | 8.4 | 0.8 | 10.1% |
| Electric Generation-Distribution Level Tier 1 (Noncore)** | 12.7 | 12.9 | 0.2 | 1.9% |
| Electric Generation-Distribution Level Tier 2 (Noncore)** | 5.6 | 7.4 | 1.8 | 31.5% |
| Transmission Level Service *** | 2.1 | 2.9 | 8.0 | 37.6% |
| Backbone Transportation Service**** (¢/decatherm/day) | 26.4 | 26.2 | -0.1 | -0.4% |
| System Total | 28.0 | 28.8 | 8.0 | 2.9% |

SAN DIEGO GAS & ELECTRIC COMPANY Illustrative Change in Class Average Rates Due to Proposed TCAP Effective January 1, 2020

| | Present Rates | Proposed Rates | ¢/therm Change | % Change |
|---|------------------|-------------------|-------------------|----------|
| Customer Class | (¢/therm) | (¢/therm) | (¢/therm) | |
| Residential (Core)* | 91.6 | 92.6 | 1.0 | 1.1% |
| Commercial/Industrial (Core)* | 27.8 | 32.3 | 4.6 | 16.4% |
| Commercial/Industrial-Distribution Level (Noncore)** | 11.7 | 9.9 | -1.8 | -15.4% |
| Electric Generation-Distribution Level Tier 1 (Noncore)** | 12.7 | 13.0 | 0.3 | 2.0% |
| Electric Generation-Distribution Level Tier 2 (Noncore)** | 5.6 | 7.4 | 1.8 | 31.7% |
| Transmission Level Service *** | 2.1 | 2.9 | 0.8 | 38.4% |
| Backbone Transportation Service**** | 26.4 | 26.2 | -0.1 | -0.4% |
| System Total | 29.8 | 34.2 | 4.4 | 14.8% |

| Model Input | | | | | |
|---|-------------------------|----------------------|----------------------|----------------------|-------------------|
| 7/31/2018 | Input/ Output | | | | |
| | | | | | |
| | | | | | |
| | 2020 TCAP \$10 | July 1, 2018 ACTR | 2020 TCAP \$10 | 2020 TCAP current | |
| | customer charge | Rates filing | customer charge | customer charge | |
| | 2a | 1b | 2a | 3b | |
| SCG Base Margin (preSI, wFAR, wBFEE, w/0FFU) | | | | | |
| GRC Authorized Base Margin w/o ffu | \$2,068,987 | \$2,068,987 | \$2,068,987 | \$2,068,987 | |
| FFU | \$36,294 | \$36,294 | \$36,294 | \$36,294 | |
| GRC Authorized Base Margin w/ffu | \$2,105,281 | \$2,105,281 | \$2,105,281 | \$2,105,281 | |
| | | | | | |
| 2047 othrition with | ¢74.022 | \$74,033 | \$74,033 | \$74,033 | |
| 2017 attrition w/ffu | \$74,033 \$76,648 | \$74,033 \$76,618 | \$74,033 \$76,618 | \$74,033 \$76,618 | |
| 2018 attrition w/ffu | \$76,618 | | · | | |
| Cost of Capital Adj w/ffu | (\$30,324) | (\$30,324) | (\$30,324) | (\$30,324) | |
| Deferred Gain on Sale Amortization | #0.005.000 | ¢2 225 600 | \$2.22E.600 | \$2.22E.600 | |
| Total Base Margin in Rates | \$2,225,608 | \$2,225,608 | \$2,225,608 | \$2,225,608 | |
| Honor Rancho - pre GRC | ¢20.050 | #07.040 | # 20.050 | #20.050 | |
| SCG Aliso Canyon | \$32,856 | \$27,348 | \$32,856 | \$32,856 | |
| SDGEgas Base Margin (preSI, wFAR, wBFEE, w/0FFU) | | | | | |
| GRC Authorized Base Margin w/o ffu | \$297,191 | \$297,191 | \$297,191 | \$297,191 | |
| FFU | \$6,830 | \$6,830 | \$6,830 | \$6,830 | |
| GRC Authorized Base Margin w/ffu | \$304,021 | \$304,021 | \$304,021 | \$304,021 | |
| rounding adjustment | \$0 | \$0 | \$0 | \$0 | |
| GRC Authorized Base Margin w/ffu | \$304,021 | \$304,021 | \$304,021 | \$304,021 | |
| | | | | | |
| | | | | | |
| 2017 attrition w/ffu | \$10,635 | \$10,635 | \$10,635 | \$10,635 | |
| 2018 attrition w/ffu | \$11,007 | \$11,007 | \$11,007 | \$11,007 | |
| Cost of Capital Adj | (\$2,070) | (\$2,070) | (\$2,070) | (\$2,070) | |
| AMI adjustment w/ffu | | | | | |
| Total Base Margin in Rates | 323593 | \$323,593 | \$323,593 | \$323,593 | |
| Other Items: | | | | | |
| SCG and SDG&E - Gas price for LUAF (\$/mmbtu) | \$2.77 | \$3.12 | \$2.77 | \$2.77 | |
| SCG - Border Gas price for Res Bill (\$/mmbtu) - Futures Nov | \$2.44 | \$2.44 | \$2.44 | \$2.44 | |
| SDGE - Border Gas price for Res Bill (\$/mmbtu) - Future Nov. | \$2.44 | \$2.44 | \$2.44 | \$2.44 | |
| SCG - AMI w/o FFU | \$31,235 | \$31,235 | \$31,235 | \$31,235 | |
| SDGE - AMI w/o FFU | \$0 | \$0 | \$0 | \$0 | |
| SCG - Franchise Fees % | 1.41360% | 1.414% | 1.414% | 1.414% | |
| SCG - Uncollectibles % | 0.29800% | 0.298% | 0.298% | 0.298% | |
| SCG FFU Uncollectible rate adjustment for wholesale customers | 98.058% | 98.058% | 98.058% | 98.058% | |
| | | | 2.07270% | 2.07270% | Tob - Model lare |
| THE = ZUZU IUAF "SCURD"WOOD! Chau | dhury SCG Ŵ67k796pers I | rage 5 of 250 | 2.0121070 | 2.0121070 | Tab = Model Input |

| SDEGgas - Uncollectibles % | 0.17400% | 0.17400% | 0.17400% | 0.17400% | |
|--|----------------|-----------------------------|------------|------------------|-------------------|
| SCG - Res. PPPS | \$0.09402 | \$0.09402 | \$0.09402 | \$0.09402 | |
| SCG - Res. CARE PPPS | \$0.06977 | \$0.06977 | \$0.06977 | \$0.06977 | |
| SDGE - Res PPPS | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | |
| SDGE - Res CARE PPPS | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | |
| SCG - Core C&I PPPS | \$0.06416 | \$0.06416 | \$0.06416 | \$0.06416 | |
| SDGE - Core C&I PPPS | \$0.05956 | \$0.05956 | \$0.05956 | \$0.05956 | |
| G-SRF | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | |
| SCG AB32 Annual Fees Rev Req w/o ffu | \$4,536 | \$4,536 | \$4,536 | \$4,536 | |
| SDG&E AB32 Annual Fees Rev Req w/o ffu | \$560 | \$560 | \$560 | \$560 | |
| SCG - Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requi | \$0 | \$0 | \$0 | \$0 | |
| SCG - Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | \$0 | \$0 | \$0 | |
| SCG - Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | \$0 | \$0 | \$0 | |
| SDGE - Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Req | \$0 | \$0 | \$0 | \$0 | |
| SDGE - Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | \$0 | \$0 | \$0 | |
| SDGE - Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | \$0 | \$0 | \$0 | |
| <u>SCG</u> | | | | | |
| Affiliate Transfer Fee Account (ATFA) | (\$157) | (\$157) | (\$157) | (\$157) | |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | (\$35) | (\$35) | (\$35) | (\$35) | |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | \$0 | \$0 | \$0 | \$0 | |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 | |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | \$279 | \$279 | \$279 | \$279 | |
| GRCRMA w/ FFU | | \$0 | \$0 | \$0 | |
| GRCRMA Sub allocation for AB32 Admin Fees | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | |
| | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | • | · | | · ' | |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | (\$204) | (\$204) | (\$204) | (\$204) | |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | \$0 | \$0 | \$0 | \$0 \$422.020 | |
| Core Fixed Cost Account - Non NGV (CFCA) | \$133,930 | \$133,930 | \$133,930 | \$133,930 | |
| Core Fixed Cost Account - NGV (CFCA) | \$824 | \$824 | \$824 | \$824 | |
| On-Bill Financing Balancing Account (OBFBA) | \$0 | \$0 \$700 | \$0 | \$0 \$700 | |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | \$732 | \$732 | \$732 | \$732 | |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | \$13,625 | \$13,625 | \$13,625 | \$13,625 | |
| Enhanced Oil Recovery Account (EORA) | (\$4,274) | (\$4,274) | (\$4,274) | (\$4,274) | |
| Environmental Fee Memorandum Account EFMA | \$0 | \$0 | \$0 | \$0 | |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 | |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) Local Transmission | \$5,653 | \$5,653 | \$5,653 | \$5,653 | |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 | |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 | |
| Hazardous Substance Cost-Recovery Account (HSCRA) | \$1,372 | \$1,372 | \$1,372 | \$1,372 | |
| Honor Rancho Storage Memorandum Account (HRSMA) | \$0 | \$0 | \$0 | \$0 | |
| Intervenor Award Memorandum Account (IAMA) | \$1,069 | \$1,069 | \$1,069 | \$1,069 | |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | \$220 | \$220 | \$220 | \$220 | |
| PCB Expense Account (PCBEA) | \$0 | \$0 | \$0 | \$0 | |
| Master Meter Balancing Account (MMBA) | \$5,342 | \$5,342 | \$5,342 | \$5,342 | |
| Men 生 2012の「TUCA 中ででは「PRD MAGNETI (MTTA) Chaudhury S | CG Wo₩papers I | Page 6 o ^{\$9} 256 | \$0 | \$0 | Tab = Model Input |

| New Envirnomental Regulatory Balancing Account (NERBA) - Admin Fees Subaccount | \$1,493 | \$1,493 | \$1,493 | \$1,493 | |
|---|-----------------|-----------|------------|--|-------------------|
| New Envirnomental Regulatory Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 | |
| New Envirnomental Regulatory Balancing Account (NERBA) - Subpart W | \$138 | \$138 | \$138 | \$138 | |
| Noncore Fixed Cost Account (NFCA) Margin | (\$4,023) | (\$4,023) | (\$4,023) | (\$4,023) | |
| Noncore Fixed Cost Account (NFCA) Nonmargin | \$850 | \$850 | \$850 | \$850 | |
| Integrated Transmission Balancing Account (ITBA) Margin | \$2,114 | \$2,114 | \$2,114 | \$2,114 | |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | \$0 | \$0 | \$0 | \$0 | |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | \$1,670 | \$1,670 | \$1,670 | \$1,670 | |
| Compression Services Balancing Account (CSBA) | (\$22) | (\$22) | (\$22) | (\$22) | |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | (\$542) | (\$542) | (\$542) | (\$542) | |
| System Reliability Memorandum Account (SRMA) | \$7,809 | \$7,809 | \$7,809 | \$7,809 | |
| Noncore Storage Balancing Account (NSBA) | \$10,308 | \$10,308 | \$10,308 | \$10,308 | |
| Pension Balancing Account (PBA) | (\$2,881) | (\$2,881) | (\$2,881) | (\$2,881) | |
| PBOP Balancing Account (PBOPBA) | (\$1,658) | (\$1,658) | (\$1,658) | (\$1,658) | |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | \$1,466 | \$1,466 | \$1,466 | \$1,466 | |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$1,090 | \$1,090 | \$1,090 | \$1,090 | |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$10,812 | \$10,812 | \$10,812 | \$10,812 | |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$39,521 | \$39,521 | \$39,521 | \$39,521 | |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$3,374 | \$3,374 | \$3,374 | \$3,374 | |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$8,968 | \$8,968 | \$8,968 | \$8,968 | |
| Research Development and Demonstration Expense Account (RDDEA) | \$0 | \$0 | \$0 | \$0 | |
| Research Royalty Memorandum Account (RRMA) | (\$71) | (\$71) | (\$71) | (\$71) | |
| Self-Generation Program Memorandum Account (SGPMA) | \$24,000 | \$24,000 | \$24,000 | \$24,000 | |
| System Operator Gas Account (SOGA) | \$102 | \$102 | \$102 | \$102 | |
| Natural Gas Appliance Testing Memo Account (NGATMA) | \$0 | \$0 | \$0 | \$0 | |
| Rewards & Penalties Balancing Account (RPBA) | \$627 | \$627 | \$627 | \$627 | |
| Total Regulatory Accounts | \$263,524 | \$263,524 | \$263,524 | \$263,524 | - |
| Backbone Transmission Balancing Acct (BTBA): | | | | | |
| SCG Southern System Expansion (w/oFFU) \$000/yr | | | | | |
| PSRMA-BBT SCG | \$2,976 | \$2,976 | \$2,976 | \$2,976 | |
| PSRMA-BBT SDG&E | \$0 | \$0 | \$0 | \$0 | |
| SECCBA-BBT SCG | \$12,290 | \$12,290 | \$12,290 | \$12,290 | |
| SECCBA-BBT SDG&E | \$234 | \$234 | \$234 | \$234 | |
| SEEBA-BBT SCG | \$15,527 | \$15,527 | \$15,527 | \$15,527 | |
| SEEBA-BBT SDG&E | \$0 | \$0 | \$0 | \$0 | |
| TIMPBA-BBT SCG | \$15,002 | \$15,002 | \$15,002 | \$15,002 | |
| TIMPBA-BBT SDGE | \$3,162 | \$3,162 | \$3,162 | \$3,162 | |
| Backbone Transmission Balancing Acct (BTBA) w/o FFU \$000/yr | (\$9,143) | (\$9,143) | (\$9,143) | (\$9,143) | |
| Backbone Transmission Balancing Acct (BTBA) and TIMPBA w/o FFU \$000/yr | \$40,048 | \$40,048 | \$40,048 | \$40,048 | - |
| SDG&E | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | \$0 | \$0 | \$0 | \$0 | |
| On-Bill Financing Balancing Account (OBFBA) | \$568 | \$568 | \$568 | \$568 | |
| Baseline Balance BA | \$300 \$0 | \$0 | \$0 | \$0 | |
| CFCA -Margin Only | \$25,990 | \$25,990 | \$25,990 | \$25,990 | |
| File = 2020 TCAP SCG RD Model Chaudhury S | GG Workpapers I | | I \$20,000 | I \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | Tab = Model Input |

| CFCA - NGV | \$666 | \$666 | \$666 | \$666 | |
|---|-----------------|---------------|----------|----------|-------------------|
| CFCA -Nonmargin Other | \$566 | \$566 | \$566 | \$566 | |
| CFCA -Nonmargin SCG | \$29 | \$29 | \$29 | \$29 | |
| CA Solar Initiative Balancing Acct CSIBA | \$0 | \$0 | \$0 | \$0 | |
| Environmental Fee Memorandum Account EFMA | \$0 | \$0 | \$0 | \$0 | |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 | |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 | |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) Local T | \$830 | \$830 | \$830 | \$830 | |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 | |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 | |
| FERC Settlement Proceeds MA | \$0 | \$0 | \$0 | \$0 | |
| Core Gas Storage Balancing Acct. GSBA-C | \$0 | \$0 | \$0 | \$0 | |
| Hazardous Substance Cleanup Cost Acct HSCCA | \$509 | \$509 | \$509 | \$509 | |
| Master Meter Balancing Account (MMBA) | \$987 | \$987 | \$987 | \$987 | |
| Natural Gas Supp Refund Track Acct | \$0 | \$0 | \$0 | \$0 | |
| New Envirnomental Regulatory Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0 | \$0 | \$0 | |
| New Envirnomental Regulatory Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 | |
| New Envirnomental Regulatory Balancing Account (NERBA) - Subpart W | \$0 | \$0 | \$0 | \$0 | |
| NFCA -Margin Only | \$0 | \$0 | \$0 | \$0 | |
| NFCA -Nonmargin Other | \$268 | \$268 | \$268 | \$268 | |
| NFCA -Nonmargin SCG | \$2,604 | \$2,604 | \$2,604 | \$2,604 | |
| NGVA | \$0 | \$0 | \$0 | \$0 | |
| Non-Core Gas Storage Balancing Acct GSBA-NC | \$0 | \$0 | \$0 | \$0 | |
| PBOPBA | (\$519) | (\$519) | (\$519) | (\$519) | |
| Pension BA | \$4,070 | \$4,070 | \$4,070 | \$4,070 | |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | \$219 | \$219 | \$219 | \$219 | |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$0 | \$0 | \$0 | \$0 | |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$1,616 | \$1,616 | \$1,616 | \$1,616 | |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$14,531 | \$14,531 | \$14,531 | \$14,531 | |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$504 | \$504 | \$504 | \$504 | |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$1,672 | \$1,672 | \$1,672 | \$1,672 | |
| RD&D 1-Way Bal Acct (Pre-2001) | \$0 | \$0 | \$0 | \$0 | |
| Rewards & Penalties Bal Acct RPBA | \$396 | \$396 | \$396 | \$396 | |
| Self Gen Memo Acct - SGPMA-CSI | \$0 | \$0 | \$0 | \$0 | |
| Self Gen Memo Acct - SGPMA-NonCSI | \$0 | \$0 | \$0 | \$0 | |
| SGPMA - Rev Req for NEXT Year | \$2,265 | \$2,265 | \$2,265 | \$2,265 | |
| Gain/Loss on Sale Memo Acct GLOSMA | \$0 | \$0 | \$0 | \$0 | |
| Integrated Transmission Margin ITBA | \$319 | \$319 | \$319 | \$319 | |
| Integrated Transmission Nonmargin ITBA | \$0 | \$0 | \$0 | \$0 | |
| GRCRRMA | \$0 | \$0 | \$0 | \$0 | |
| GRCMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 | |
| CSI Thermal Program memoradum Account | \$1,601 | \$1,601 | \$1,601 | \$1,601 | |
| Catastrophic Event Memo. Acct 2007 (CEMA) | \$0 | \$0 | \$0 | \$0 | |
| Z-Factor Memorandum Account | \$0 | \$0 | \$0 | \$0 | _ |
| Total Regulatory Accounts | \$59,691 | \$59,691 | \$59,691 | \$59,691 | _ |
| File = 2020 TCAP SCG RD Model Chaudhury S | CG Workpapers I | Page 8 of 256 | • | • | Tab = Model Input |

| Embedded Storage Cost \$000's w/ffu | \$128,748 | \$83,586 | \$128,748 | \$128,748 | |
|--|-----------------------|---------------|----------------|----------------|-------|
| HRSMA Balance \$000 w/ ffu | \$0 | \$0 | \$0 | \$0 | |
| SCG - Aliso Canyon \$000 w/o FFU | \$32,856 | \$27,000 | \$32,856 | \$32,856 | |
| | \$161,604 | \$110,586 | \$161,604 | \$161,604 | _ |
| Storage Proposed \$'s | | | | | |
| CORE Injection \$000 | \$32,986 | \$14,208 | \$32,986 | \$32,986 | |
| CORE Inventory \$000 | \$36,677 | \$22,155 | \$36,677 | \$36,677 | |
| CORE Withdrawal \$000 | \$22,532 | \$23,580 | \$22,532 | \$22,532 | |
| Load Balancing Injection \$000 | \$38,957 | \$16,434 | \$38,957 | \$38,957 | |
| Load Balancing Inventory \$000 | \$10,779 | \$2,135 | \$10,779 | \$10,779 | |
| Load Balancing Withdrawal \$000 | \$19,672 | \$8,783 | \$19,672 | \$19,672 | |
| UBS Injection \$000 | \$0 | \$6,220 | \$0 | \$0 | |
| UBS Inventory \$000 | \$0 | \$12,572 | \$0 | \$0 | |
| UBS Withdrawal \$000 | \$0 | \$4,498 | \$0 | \$0 | |
| Total | \$161,604 | \$110,586 | \$161,604 | \$161,604 | _ |
| BTS Rate: | | | | | |
| BBT Demand Dth/d | 2,689,863 | 2,689,863 | 2,689,863 | 2,689,863 | |
| TCAP Changes | | | | | |
| Demand Forecast and other changes (1= old, 2 =new) | 2 | 1 | 2 | 2 | |
| Demand 1 decast and other changes (1= old, 2 =new) | 2 | ' | 2 | 2 | |
| <u>SoCalGas</u> | | | | | |
| Residential Customer charge | \$10.00 | \$5.00 | \$10.00 | \$5.00 | |
| SDG&E | | | | | |
| Residential Customer charge/Minimum Charge | \$10.00 | \$3.00 | \$10.00 | \$3.00 | |
| TCAP Costs: | | | | | |
| <u>SoCalGas</u> | | | | | |
| LRMC Customer Costs \$/customer | | | | | |
| Residential | \$294.03 | \$177.67 | \$294.03 | \$294.03 | |
| CCI | \$1,473.84 | \$535.56 | \$1,473.84 | \$1,473.84 | |
| G-AC | \$6,882.66 | \$4,894.04 | \$6,882.66 | \$6,882.66 | |
| G-GEN | \$17,981.93 | \$3,983.71 | \$17,981.93 | \$17,981.93 | |
| NGV | \$45,590.19 | \$20,164.57 | \$45,590.19 | \$45,590.19 | |
| NCCI | \$55,139.74 | \$24,167.47 | \$55,139.74 | \$55,139.74 | |
| EG Tier 1 | \$26,034.22 | \$27,318.17 | \$26,034.22 | \$26,034.22 | |
| EG Tier 2 | \$154,535.16 | \$91,072.82 | \$154,535.16 | \$154,535.16 | |
| EOR | \$84,456.75 | \$60,889.20 | \$84,456.75 | \$84,456.75 | |
| Long Beach | \$783,172.48 | \$585,007.21 | \$783,172.48 | \$783,172.48 | |
| SDG&E | \$1,397,485.22 | \$836,175.87 | \$1,397,485.22 | \$1,397,485.22 | |
| South West Gas | \$687,222.92 | \$592,651.35 | \$687,222.92 | \$687,222.92 | |
| File = 2020 TCAP SCG RD Model Chaud | hury SCG Workpapers I | Page 9 of 256 | | | Tab = |

= Model Input

| Vernon | \$469,030.64 | \$383,708.45 | \$469,030.64 | \$469,030.64 | |
|---|--------------------------------|------------------------------|--------------|--------------|-------------------|
| Ecogas | \$182,622.84 | \$178,481.39 | \$182,622.84 | \$182,622.84 | |
| UBS | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| | *** | *** | , | , , , , , | |
| Replacement Adder | 1.5% | 1.5% | 1.5% | 1.5% | |
| | | | | | |
| LRMC Distribution | • | • | | | |
| MPD LRMC (\$/Mcfd) | \$198.08 | \$199.44 | \$198.08 | \$198.08 | |
| HPD LRMC (\$/Mcfd) | \$4.04 | \$1.91 | \$4.04 | \$4.04 | |
| NGV Compression Costs \$000 | \$2,914 | \$2,440 | \$2,914 | \$2,914 | |
| NGV Compression Volumes (Mth) | 2,833 | 2,099 | 2,833 | 2,833 | |
| Submeter Credit | | | | | |
| Submeter Credit, \$/day/unit | (\$0.13742) | (\$0.27386) | (\$0.13742) | (\$0.30181) | |
| Submeter Credit Care Rate, \$/day/unit | (\$0.20318) | (\$0.30674) | (\$0.20318) | (\$0.33468) | |
| Submeter Great Gate Nate, waay/unit | (ψυ.20310) | (\$0.50074) | (ψ0.20310) | (\$0.55400) | |
| <u>Transmisison Costs per Embedded Cost Method:</u> | | | | | |
| Embedded Transmission Costs \$000 | \$244,299 | \$245,933 | \$244,299 | \$244,299 | |
| BBT\$ | \$173,572 | \$171,727 | \$173,572 | \$173,572 | |
| Target BBT\$ | \$213,226 | \$217,993 | \$213,226 | \$213,226 | |
| FFU on T&S | 2 | 1 | 2 | 2 | |
| Exchange Revenues | 343 | \$118 | \$343 | \$343 | |
| <u>SDGE</u> | | | | | |
| LRMC Customer Costs \$/customer | | | | | |
| Residential | \$234.46 | \$225.87 | \$234.46 | \$234.46 | |
| NGV | \$1,081.51 | \$3,297.00 | \$1,081.51 | \$1,081.51 | |
| CCI | \$436.66 | \$377.07 | \$436.66 | \$436.66 | |
| Total NCCI | \$2,469.36 | \$7,092.95 | \$2,469.36 | \$2,469.36 | |
| EG Tier 1 | \$1,833.47 | \$5,209.59 | \$1,833.47 | \$1,833.47 | |
| EG Tier 2 | \$3,171.57 | \$6,297.08 | \$3,171.57 | \$3,171.57 | |
| Replacement Adder | 1.5% | 1.5% | 1.5% | 1.5% | |
| LRMC Distribution | | | | | |
| MPD LRMC (\$/Mcfd) | \$274.34 | \$242.50 | \$274.34 | \$274.34 | |
| HPD LRMC (\$/Mcfd) | \$54.44 | \$24.41 | \$54.44 | \$54.44 | |
| NGV Compression Costs \$000 | \$633 | \$494 | \$633 | \$633 | |
| NGV Compression Volumes | 628 | 744 | 628 | 628 | |
| | | | | | |
| Submeter Credit | | | | | |
| Submeter Credit Multifamily, \$/day/unit | (\$0.26499) | (\$0.38268) | (\$0.26499) | (\$0.59375) | |
| Submeter Credit Mobile home, \$/day/unit File = 2020 TCAP SCG RD Model Chaudhury SC | (\$0.28570) CG Workpapers F | (\$0.40932) age 10 of 256 | (\$0.28570) | (\$0.61447) | Tab = Model Input |

| Transmission Costs per Embedded Cost Method: | | | | |
|--|-----------------------------|---------------|-----------|----------------|
| Embedded Transmission Costs \$000 | \$39,654 | \$46,266 | \$39,654 | \$39,654 |
| | | | | |
| Transition Adjustment SoCalGas CCI to Residential | | \$4,000 | | |
| Transition Adjustment SDGE NCCI -D to EGD-1 | | \$500 | | |
| SGPMA Allocation (1=old, 2=New) | 2 | 1 | 2 | 2 |
| | | | | |
| | | | | |
| RESULTS: | | | | |
| SoCalGas Core Procurement Price \$/th | | | | |
| SoCal Border price | \$0.24430 | \$0.24430 | \$0.24430 | \$0.24430 |
| Brokerage Fee | \$0.00207 | \$0.00204 | \$0.00207 | \$0.00207 |
| Subtotal | \$0.24637 | \$0.24634 | \$0.24637 | \$0.24637 |
| FFU | 101.7370% | 101.7370% | 101.7370% | 101.7370% |
| Subtotal with FFU | \$0.25065 | \$0.25062 | \$0.25065 | \$0.25065 |
| Backbone Transmission Service \$/th/day | \$0.02624 | \$0.02635 | \$0.02624 | \$0.02624 |
| SCG Gas Procurement (\$/th) | \$0.27690 | \$0.27698 | \$0.27690 | \$0.27690 |
| | | | | i e |
| SDG&E Gas Core Procurement Price \$/th | | | | |
| SoCal Border price | \$0.24430 | \$0.24430 | \$0.24430 | \$0.24430 |
| Brokerage Fee | \$0.00207 | \$0.00204 | \$0.00207 | \$0.00207 |
| Subtotal | \$0.24637 | \$0.24634 | \$0.24637 | \$0.24637 |
| FFU | 102.2946% | 102.2946% | 102.2946% | 102.2946% |
| Subtotal with FFU | \$0.25203 | \$0.25200 | \$0.25203 | \$0.25203 |
| Backbone Transmission Service \$/th/day | \$0.02624 | \$0.02635 | \$0.02624 | \$0.02624 |
| SDG&E Gas Procurement (\$/th) | \$0.27827 | \$0.27835 | \$0.27827 | \$0.27827 |
| | | | | i e |
| Summary of Storage Costs allocation to Function: | | | | |
| Core \$000 | \$93,797 | \$59,943 | \$93,797 | \$93,797 |
| Load Balancing \$000 | \$70,614 | \$27,353 | \$70,614 | \$70,614 |
| Unbundled Storage \$000 | \$0 | \$23,290 | \$0 | \$0 |
| | \$164,411 | \$110,586 | \$164,411 | \$164,411 |
| SCG Residential Bill | | | | |
| Residential Class Monthly Average (Jan-Dec) | \$36.04 | \$37.60 | \$36.04 | \$36.81 |
| Single Family Monthly Average (Jan-Dec) | \$37.82 | \$39.56 | \$30.04 | \$38.74 |
| Multi Family Monthly Average (Jan-Dec) | \$21.72 | \$20.67 | \$21.72 | \$20.24 |
| CARE Monthly Average (Jan-Dec) | \$21.72 | | | \$24.07 |
| | φ∠ა.ο9 | \$24.60 | \$23.89 | φ24.U <i>1</i> |
| SDGEgas Residential Bill Residential Class Monthly Average (Jon Doc) | \$20.05 | ¢20.74 | ¢20.05 | \$20.66 |
| Residential Class Monthly Average (Jan-Dec) | \$30.85 | \$29.71 | \$30.85 | \$30.66 |
| Single Family Monthly Average (Jan-Dec) | \$33.20 | \$32.56 | \$33.20 | \$33.60 |
| Multi Family Monthly Average (Jan-Dec) File = 2020 TCAP SCG RD Model Chaudhury | \$23.20 SCG Workpapers F | \$18.84 | \$23.20 | \$19.44 |
| Tile - 2020 TOAF 300 ND Iviouei Chaudhury | SOG Workpapers F | aye 11 01 200 | | |

Tab = Model Input

| CARE Monthly Average (Jan-Dec) | \$22.55 | \$20.85 | \$22.55 | \$21.51 | |
|--|---------------------|---------------------|-------------|-------------|-----|
| SCG C&I Bill - Average (300 th/month) | \$299.13 | \$269.28 | \$299.13 | \$299.13 | |
| SCG C&I Bill - Average (500 th/month) | \$437.88 | \$397.50 | \$437.88 | \$437.88 | |
| SCG C&I Bill - Average (6250 th/month) | \$4,002.44 | \$3,737.76 | \$4,002.44 | \$4,002.44 | |
| SCG C&I Bill - Average (12500 th/month) | \$7,064.48 | \$6,706.22 | \$7,064.48 | \$7,064.48 | |
| SCG C&I Bill - Average (20833 th/month) | \$11,147.05 | \$10,664.02 | \$11,147.05 | \$11,147.05 | |
| SDGE C&I Bill - Average (300 th/month) | \$230.62 | \$211.30 | \$230.62 | \$230.62 | |
| <u>SDGE</u> | | | | | |
| Medium C&I average bill \$/month -1,000 th/month | \$745.40 | \$680.99 | \$745.40 | \$745.40 | |
| Large C&I average bill \$/month -6,250 th/month | \$3,757.15 | \$3,514.88 | \$3,757.15 | \$3,757.15 | |
| Large and Medium C&I average bill \$/month -7,250 th/month | \$4,330.82 | \$4,054.67 | \$4,330.82 | \$4,330.82 | |
| Transportation Rates: SCG | | | | | |
| Residential | | | | | |
| Customer Charge | \$10.00 | \$5.00 | \$10.00 | \$5.00 | |
| BaseLine Rate | \$0.30908 | \$0.53910 | \$0.30908 | \$0.51432 | |
| NonBaseLine Rate | \$0.85348 | \$0.86782 | \$0.85348 | \$0.85284 | |
| Residential Class Average | \$0.74324 | \$0.74844 | \$0.74324 | \$0.74324 | _ |
| Core Commercial | | | | | |
| Customer Charge | \$15.00 | \$15.00 | \$15.00 | \$15.00 | |
| Tier 1 = 250th/mo | \$0.65506 | \$0.54611 | \$0.65506 | \$0.65506 | |
| Tier 2 = next 4167 th/mo | \$0.35105 | \$0.29831 | \$0.35105 | \$0.35105 | |
| Tier 3 = over 4167 th/mo | \$0.14721 | \$0.13216 | \$0.14721 | \$0.14721 | _ |
| Core Commercial Class Average | \$0.38013 | \$0.32464 | \$0.38013 | \$0.38013 | |
| Natural Gas Vehicle - uncompressed | \$0.12926 | \$0.11252 | \$0.12926 | \$0.12926 | |
| Gas Air Conditioning | \$0.15857 | \$0.15436 | \$0.15857 | \$0.15857 | |
| Gas Engine | \$0.16318 | \$0.16141 | \$0.16318 | \$0.16318 | _ |
| Average Core | \$0.60758 | \$0.59890 | \$0.60758 | \$0.60758 | |
| NonCore C&I - Distribution | | | | | |
| Customer Charge | \$350.00 | \$350.00 | \$350.00 | \$350.00 | |
| Tier 1 = 250kth/yr | \$0.18595 | \$0.16045 | \$0.18595 | \$0.18595 | |
| Tier 2 = 250k-1000k | \$0.11638 | \$0.10216 | \$0.11638 | \$0.11638 | |
| Tier 3 = 1 to 2 million th/yr | \$0.07188 | \$0.06487 | \$0.07188 | \$0.07188 | |
| Tier 4 = over 2 million th/yr | \$0.04008 | \$0.03822 | \$0.04008 | \$0.04008 | _ |
| NonCore C&I Class Average Distribution | \$0.08449 | \$0.07674 | \$0.08449 | \$0.08449 | |
| EG-Distribution w/carb adder: | | | | | |
| EG-Distribution - Tier 1 w/carb and GHG adder \$/therm | \$0.12911 | \$0.12666 | \$0.12911 | \$0.12911 | |
| EG-Distribution - Tier 2 w/carb and GHG adder \$/therm | \$0.07354 | \$0.05593 | \$0.07354 | \$0.07354 | |
| File = 2020 TCAP SCG RD Model Chaudhury S | CG Workpapers F | l Page 12 of 256 | | I | Tab |

| Transmission Level Service: | | | | | |
|---|----------------------|---------------------|-------------|-------------|-----|
| TLS-CI CA Rate (w/ csitma & carb, GHG adders) \$/therm | \$0.03248 | \$0.02442 | \$0.03248 | \$0.03248 | |
| TLS-CI RS rate \$/therm/day | \$0.00963 | \$0.00671 | \$0.00963 | \$0.00963 | |
| TLS -CI Usage rate (w/carb and csitma, GHG adders) \$/therm | \$0.01818 | \$0.01403 | \$0.01818 | \$0.01818 | |
| TLS-EG CA Rate (w/carb, GHG adder) \$/therm | \$0.02937 | \$0.02134 | \$0.02937 | \$0.02937 | |
| TLS-EG RS rate \$/therm/day | \$0.00963 | \$0.00671 | \$0.00963 | \$0.00963 | |
| TLS -EG Usage rate (w/carb adder) \$/therm | \$0.01508 | \$0.01095 | \$0.01508 | \$0.01508 | • |
| TLS-Wholesale CA Rate \$/therm | \$0.02827 | \$0.02028 | \$0.02827 | \$0.02827 | |
| TLS- Wholesale RS rate \$/therm/day | \$0.00960 | \$0.00669 | \$0.00960 | \$0.00960 | |
| TLS -Wholesale Usage rate \$/therm | \$0.01402 | \$0.00991 | \$0.01402 | \$0.01402 | |
| Average Noncore | \$0.04046 | \$0.03090 | \$0.04046 | \$0.04046 | |
| Backbone Transmission Service \$/dth/day | \$0.26245 | \$0.26353 | \$0.26245 | \$0.26245 | |
| Unbundled Storage \$000's | \$0 | \$23,290 | \$0 | \$0 | |
| System Average Rate without BTS \$/therm | \$0.26009 | \$0.25274 | \$0.26009 | \$0.26009 | |
| System Average Rate with BTS \$/therm | \$0.28828 | \$0.28021 | \$0.28828 | \$0.28828 | |
| CARB Fee Credit | (\$0.00101) | (\$0.00100) | (\$0.00101) | (\$0.00101) | |
| GHG fee Credit | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | |
| SCG RRQ \$millions (from rate tables tab) | \$2,635 | \$2,639 | \$2,635 | \$2,635 | |
| SCG AL | | | | | |
| NGV Adjustment | (\$292) | (\$260) | (\$292) | (\$292) | |
| Sempra-wide EG adjustment | (\$989) | (\$1,784) | (\$989) | (\$989) | |
| Transmission Level Service (TLS) adjustment | \$719 | \$2,492 | \$719 | \$719 | |
| EOR and other adjustment | (\$14,964) | (\$12,303) | (\$14,964) | (\$14,964) | • |
| Total | (\$15,526) | (\$11,855) | (\$15,526) | (\$15,526) | |
| <u>Table</u> | | | | | |
| Core | \$2,151 | \$2,178 | \$2,151 | \$2,151 | |
| Noncore | \$227 | \$202 | \$227 | \$227 | |
| Backbone Transportation Service BTS | \$258 | \$259 | \$258 | \$258 | • |
| SCG RRQ \$millions (from rate tables tab) | \$2,635 | \$2,639 | \$2,635 | \$2,635 | |
| Table (Increase or Decrease from Current Rates) | | | | | |
| Core | (\$27.0) | \$15.5 | (\$27.0) | (\$27.0) | |
| Noncore | \$42.1 | \$4.8 | \$42.1 | \$42.1 | |
| OTHER SERVICES (SDG&E, UBS, & BTS) | (\$18.4) | \$7.2 | (\$18.4) | (\$18.4) | |
| SCG RRQ \$millions (from rate tables tab) | (\$3.3) | \$27.6 | (\$3.3) | (\$3.3) | |
| Transportation Rates: SDGE | | | | | |
| Residential | | | | | |
| Customer Charge | \$10.00 | \$3.00 | \$10.00 | \$3.00 | |
| BaseLine Rate | \$0.49019 | \$0.86999 | \$0.49017 | \$0.90889 | |
| NonBaseLine Rate | \$1.07719 | \$1.04686 | \$1.07716 | \$1.09084 | ī |
| Residential Class Average | \$0.92590 | \$0.91560 | \$0.92590 | \$0.92590 | |
| File = 2020 TCAP SCG RD Model Chaudhury SC | I CG Workpapers F | l Page 13 of 256 | | I | Tab |

| Designation Change | Core Commercial | | | | | |
|--|--|--------------------|------------------|---------------|--|---|
| Tel 2 | Customer Charge | \$10.00 | \$10.00 | \$10.00 | \$10.00 | |
| Test a - over 21,000 themshorth | Tier 1 = 0 to 1,000 therms/month | \$0.39590 | \$0.33142 | \$0.39590 | \$0.39590 | |
| Social Commercial Class Average Social S | Tier 2 = 1,001 to 21,000 therms/month | \$0.23417 | \$0.20022 | \$0.23417 | \$0.23417 | |
| Natural Gas Vehicle - uncompressed | Tier 3 = over 21,000 therms/month | \$0.18849 | \$0.16315 | \$0.18849 | \$0.18849 | |
| Non-Core C81 - Distribution Successful Change Substitution | Core Commercial Class Average | \$0.32346 | \$0.27781 | \$0.32346 | \$0.32346 | |
| Non-Core C81 - Distribution Successful Change Substitution | | | | | | |
| NonCore C&I - Distribution Customer Charge \$350.00 \$35 | Natural Gas Vehicle - uncompressed | \$0.12984 | \$0.11335 | \$0.12984 | \$0.12984 | |
| Customer Charge \$350.00 \$350.00 \$350.00 \$350.00 \$350.00 \$350.00 \$350.00 \$30.02699 \$0.01072 \$0.002699 \$ | Average Core | \$0.67057 | \$0.66505 | \$0.67057 | \$0.67057 | |
| Customer Charge \$350.00 \$350.00 \$350.00 \$350.00 \$350.00 \$350.00 \$350.00 \$30.02699 \$0.01072 \$0.002699 \$ | | | | | | |
| Volumetric Charge S0.09269 S0.11072 S0.09269 | NonCore C&I - Distribution | | | | | |
| NonCore C&I - Distribution \$0.08876 \$0.1878 \$0.08876 \$0.07376 \$0.07376 \$0.07376 \$0.07376 \$0.07376 \$0.07376 \$0.08875 \$0.07376 \$0.08875 \$0.08875 \$0.08757 \$0.08875 \$0.08935 \$0.08767 \$0.08875 \$0. | Customer Charge | \$350.00 | \$350.00 | \$350.00 | \$350.00 | |
| EG-Distribution wicarb adder: EG-Distribution - Tier 1 wicarb adder EG-Distribution - Tier 1 wicarb adder EG-Distribution - Tier 2 wicarb adder S0.07376 \$0.05599 \$0.07376 \$0.07422 \$0.07427 | Volumetric Charge | \$0.09269 | \$0.11072 | \$0.09269 | \$0.09269 | |
| EG-Distribution - Tier 1 wicarb adder \$0.12963 \$0.12963 \$0.12963 \$0.07376 \$0.03253 \$0.03253 \$0.03253 \$0.03253 \$0.03253 \$0.03253 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.09068 \$0.00069 \$0.00069 \$ | NonCore C&I - Distribution | \$0.09876 | \$0.11678 | \$0.09876 | \$0.09876 | |
| EG-Distribution - Tier 1 wicarb adder \$0.12963 \$0.12963 \$0.12963 \$0.07376 \$0.03253 \$0.03253 \$0.03253 \$0.03253 \$0.03253 \$0.03253 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.02935 \$0.09068 \$0.00069 \$0.00069 \$ | | | | | | |
| EG-Distribution - Tier 2 w/carb adder \$0.07376 \$0.05599 \$0.07376 \$0.03253 \$0.03253 \$0.03253 \$0.03253 \$0.03253 \$0.03253 \$0.03253 \$0.02355 \$0.02395 \$ | EG-Distribution w/carb adder: | | | | | |
| Transmission Level Service: TLS-CI CA Rate (wir csitma & cartb adders) \$/therm \$0.03253 \$0.02452 \$0.03253 \$0.03253 TLS-EG CA Rate (wicarb adder) \$/therm \$0.02935 \$0.002935 \$0.02935 TLS-EG RS rate \$/therm/day \$0.00968 \$0.00674 \$0.00968 \$0.00968 \$1.S-EO Usage rate (wicarb adder) \$/therm \$0.01497 \$0.011076 \$0.01497 \$0.01497 Average Noncore \$0.0401 \$0.03103 \$0.04001 \$0.03103 \$0.04001 \$0.03103 \$0.04001 System Average Rate \$0.34249 \$0.29835 \$0.34249 \$0.34249 CARB Fee Credit \$/th \$0.00083) \$0.00000 \$0.00000 \$0.00000 \$0.00000 SDGE RRQ (from rate tables tab) \$0.0401 \$0.00083) \$0.00000 \$0.00000 \$0.00000 \$0.00000 SDGE RRQ (from rate tables tab) \$13,332 \$12,208 \$13,332 \$13,332 \$13,332 \$13,332 \$13,332 \$0.00000 \$ | EG-Distribution - Tier 1 w/carb adder | \$0.12963 | \$0.12711 | \$0.12963 | \$0.12963 | |
| TLS-CI CA Rate (w/ csitma & carb adders) \$/therm \$0.03253 \$0.02452 \$0.03253 \$0.03253 TLS-EG CA Rate (w/carb adder) \$/therm \$0.00968 \$0.00968 \$0.00968 \$0.00968 \$0.00968 TLS-EG RS rate (w/carb adder) \$/therm \$0.01497 \$0.01076 \$0.01497 \$0.01497 Average Noncore \$0.04001 \$0.03103 \$0.04001 System Average Rate \$0.34249 \$0.29835 \$0.34249 \$0.34249 CARB Fee Credit \$/th \$0.00083) \$0.00001 \$0.00000 System Average Rate \$0.04001 \$0.00000 \$0.00000 \$0.00000 SOURCE RRO (from rate tables tab) \$0.0000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0 | EG-Distribution - Tier 2 w/carb adder | \$0.07376 | \$0.05599 | \$0.07376 | \$0.07376 | |
| TLS-CI CA Rate (w/ csitma & carb adders) \$/therm \$0.03253 \$0.02452 \$0.03253 \$0.03253 TLS-EG CA Rate (w/carb adder) \$/therm \$0.00968 \$0.00968 \$0.00968 \$0.00968 \$0.00968 TLS-EG RS rate (w/carb adder) \$/therm \$0.01497 \$0.01076 \$0.01497 \$0.01497 Average Noncore \$0.04001 \$0.03103 \$0.04001 System Average Rate \$0.34249 \$0.29835 \$0.34249 \$0.34249 CARB Fee Credit \$/th \$0.00083) \$0.00001 \$0.00000 System Average Rate \$0.04001 \$0.00000 \$0.00000 \$0.00000 SOURCE RRO (from rate tables tab) \$0.0000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0 | | | | | | |
| TLS-EG CA Rate (wicarb adder) \$i/therm | Transmission Level Service: | | | | | |
| TLS-EG RS rate \$(therm/day \$0.00968 \$0.00674 \$0.00968 \$0.00968 \$0.00968 \$0.00968 \$0.00968 \$0.01497 \$0 | TLS-CI CA Rate (w/ csitma & carb_adders) \$/therm | \$0.03253 | \$0.02452 | \$0.03253 | \$0.03253 | |
| TLS-EG RS rate \$(therm/day \$0.00968 \$0.00674 \$0.00968 \$0.00968 \$0.00968 \$0.00968 \$0.00968 \$0.01497 \$0 | | \$0.02935 | \$0.02121 | \$0.02935 | \$0.02935 | |
| TLS -EG Usage rate (w/carb adder) \$\text{therm} & \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | \$0.00968 | \$0.00674 | | · | |
| Sustern Average Rate | | · | , | · | , | |
| System Average Rate \$0.34249 \$0.29835 \$0.34249 \$0.34249 CARB Fee Credit \$/th (\$0.00083) (\$0.00076) (\$0.00083) (\$0.00083) GHG Fee Credit \$/th \$0.00000 \$0.00000 \$0.00000 \$0.00000 SDGE RRQ (from rate tables tab) \$380 \$369 \$380 \$380 SDGE gas AL \$1.000000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.000000 \$1.000000 \$1.100000 \$1.1000000 \$1.100000 \$1.1000000 \$1.10000000 <td></td> <td></td> <td></td> <td>·</td> <td></td> <td></td> | | | | · | | |
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| SDGE RRQ (from rate tables tab) \$380 \$ | | (\$0.00083) | (\$0.00076) | (\$0.00083) | (\$0.00083) | |
| SDG&E qas AL SCG Transport Costs + SCG Load Balancing Allocated to ALL SDGE \$13,332 \$12,208 \$13,332 \$13,332 \$11,786 \$11, | GHG Fee Credit \$/th | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | |
| SDG&E gas AL SCG Transport Costs + SCG Load Balancing Allocated to ALL SDGE \$13,332 \$12,208 \$13,332 \$13,332 \$11,786 \$11, | SDGE RRQ (from rate tables tab) | \$380 | \$369 | \$380 | \$380 | |
| SCG Transport Costs + SCG Load Balancing Allocated to ALL SDGE \$13,332 \$12,208 \$13,332 \$11,786 SCG Storage \$11,786 \$6,776 \$11,786 \$11,786 NGV Adjustment \$294 \$262 \$294 \$294 Sempra-wide EG adjustment \$994 \$1,794 \$994 \$994 Transmission Level Service (TLS) adjustment \$5719 \$25,687 \$18,548 \$25,687 Total \$25,687 \$18,548 \$25,687 \$25,687 Table Core \$357 \$347 \$357 \$357 Noncore \$23 \$22 \$23 \$23 SDGE RRQ (from rate tables tab) \$380 \$369 \$380 \$380 Table (\$million increase or decrease) Core \$10.3 \$1.9 \$10.3 \$10.3 Noncore \$0.9 \$0.8 \$0.9 \$0.9 SDGE RRQ (from rate tables tab) \$11.2 \$11.2 \$11.2 | | | | | | |
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Tab = Model Input

| SCG Summary | | | | |
|--|-------------|-------------|-------------|-------------|
| Residential | \$0.74324 | \$0.74844 | \$0.74324 | \$0.74324 |
| Residential class average bill \$/month | \$36.04 | \$37.60 | \$36.04 | \$36.81 |
| Core C&I | \$0.38013 | \$0.32464 | \$0.38013 | \$0.38013 |
| NGV (uncompressed) | \$0.12926 | \$0.11252 | \$0.12926 | \$0.12926 |
| NonCore C&I Class Average Distribution | \$0.08449 | \$0.07674 | \$0.08449 | \$0.08449 |
| EG-Distribution - Tier 1 w/carb and GHG adder \$/therm | \$0.12911 | \$0.12666 | \$0.12911 | \$0.12911 |
| EG-Distribution - Tier 2 w/carb and GHG adder \$/therm | \$0.07354 | \$0.05593 | \$0.07354 | \$0.07354 |
| TLS-CI CA Rate (w/ csitma & carb, GHG adders) \$/therm | \$0.03248 | \$0.02442 | \$0.03248 | \$0.03248 |
| TLS-EG CA Rate (w/carb, GHG adder) \$/therm | \$0.02937 | \$0.02134 | \$0.02937 | \$0.02937 |
| TLS-EG RS rate \$/therm/day | \$0.00963 | \$0.00671 | \$0.00963 | \$0.00963 |
| TLS -EG Usage rate (w/carb and GHG adder) \$/therm | \$0.01508 | \$0.01095 | \$0.01508 | \$0.01508 |
| Backbone Transmission Service \$/dth/day | \$0.26245 | \$0.26353 | \$0.26245 | \$0.26245 |
| Unbundled Storage Cost \$000's | \$0 | \$23,290 | \$0 | \$0 |
| System Average Rate w/BTS \$/therm | \$0.28828 | \$0.28021 | \$0.28828 | \$0.28828 |
| RRQ \$ millions | \$2,635 | \$2,639 | \$2,635 | \$2,635 |
| CARB Fee Credit \$/therm | (\$0.00101) | (\$0.00100) | (\$0.00101) | (\$0.00101) |
| GHG fee Credit | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| Transfer Payment From SCG to SDGE/ (from SDGE to SCG) \$million's w/oFFU | \$32 | \$37 | \$32 | \$32 |
| SDGEgas Summary | | | | |
| Residential | \$0.92590 | \$0.91560 | \$0.92590 | \$0.92590 |
| Residential class average bill \$/month | \$30.85 | \$29.71 | \$30.85 | \$30.66 |
| Core C&I | \$0.32346 | \$0.27781 | \$0.32346 | \$0.32346 |
| NGV | \$0.12984 | \$0.11335 | \$0.12984 | \$0.12984 |
| NonCore C&I Class Average Distribution | \$0.09876 | \$0.11678 | \$0.09876 | \$0.09876 |
| EG-Distribution - Tier 1 w/carb and GHG adder \$/therm | \$0.12963 | \$0.12711 | \$0.12963 | \$0.12963 |
| EG-Distribution - Tier 2 w/carb and GHG adder \$/therm | \$0.07376 | \$0.05599 | \$0.07376 | \$0.07376 |
| TLS-CI CA Rate (w/ csitma & carb, GHG adders) \$/therm | \$0.03253 | \$0.02452 | \$0.03253 | \$0.03253 |
| TLS-EG CA Rate (w/carb, GHG adder) \$/therm | \$0.02935 | \$0.02121 | \$0.02935 | \$0.02935 |
| TLS-EG RS rate \$/therm/day | \$0.00968 | \$0.00674 | \$0.00968 | \$0.00968 |
| TLS -EG Usage rate (w/carb and GHG adder) \$/therm | \$0.01497 | \$0.01076 | \$0.01497 | \$0.01497 |
| System Average Rate | \$0.34249 | \$0.29835 | \$0.34249 | \$0.34249 |
| RRQ \$ millions | \$380 | \$369 | \$380 | \$380 |
| CARB Fee Credit \$/therm | (\$0.00083) | (\$0.00076) | (\$0.00083) | (\$0.00083) |
| GHG fee Credit \$/therm | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| | 1 | | 1 | 1 |

| Table 1: Clas | ss Average Rate | es (\$/therm) | | |
|---|-----------------|---------------|--------------|----------|
| | | TCAP | | |
| | 7/1/2018 | Proposed | \$/th Change | % Change |
| SoCalGas: | | | | |
| Res | \$0.748 | \$0.743 | (\$0.005) | -0.7% |
| CCI CA | \$0.325 | \$0.380 | \$0.056 | 17.1% |
| Gas A/C | \$0.154 | \$0.159 | \$0.004 | 2.7% |
| Gas Engine | \$0.161 | \$0.163 | \$0.002 | 1.1% |
| NGV Uncompressed post-SW | \$0.113 | \$0.129 | \$0.017 | 14.9% |
| Core Class Average | \$0.599 | \$0.608 | \$0.009 | 1.4% |
| | | | | |
| NCCI-D CA | \$0.077 | \$0.084 | \$0.008 | 10.1% |
| EG-D Tier 1 post-SW | \$0.127 | \$0.129 | \$0.002 | 1.9% |
| EG-D Tier 2 post-SW | \$0.056 | \$0.074 | \$0.018 | 31.5% |
| TLS-CI CA Rate (w/ CSITMA & CARB adders) ¹ | \$0.024 | \$0.032 | \$0.008 | 33.0% |
| TLS-EG CA Rate (w/CARB adder) | \$0.021 | \$0.029 | \$0.008 | 37.6% |
| UBS \$1,000/yr | \$23,290 | \$0 | (\$23,290) | -100.0% |
| BTS w/Balancing Accounts \$/dth/d | \$0.264 | \$0.262 | (\$0.001) | -0.4% |
| System Average Rate w/ BTS | \$0.280 | \$0.288 | \$0.008 | 2.9% |
| | | | | |
| 1 CSITMA is the California Solar Initiative Program | Adder | | | |
| CARB adder is for CARB administrative fees. | | | | |

| Table 2: Class Average Rates (\$/therm) | | | | | | | | | | |
|---|----------|------------------|--------------|----------|--|--|--|--|--|--|
| | 7/1/2018 | TCAP Proposed | \$/th Change | % Change | | | | | | |
| SDG&E: | | | | | | | | | | |
| Res | \$0.916 | \$0.926 | \$0.010 | 1.1% | | | | | | |
| CCI CA | \$0.278 | \$0.323 | \$0.046 | 16.4% | | | | | | |
| NGV Uncompressed post-SW | \$0.113 | \$0.130 | \$0.016 | 14.6% | | | | | | |
| Core Class Average | \$0.665 | \$0.671 | \$0.006 | 0.8% | | | | | | |
| NCCI-D | \$0.117 | \$0.099 | (\$0.018) | -15.4% | | | | | | |
| EG-D Tier 1 post-SW | \$0.127 | \$0.130 | \$0.003 | 2.0% | | | | | | |
| EG-D Tier 2 post-SW | \$0.056 | \$0.074 | \$0.018 | 31.7% | | | | | | |
| TLS-CI CA Rate (w/ CSITMA & CARB adders)1 | \$0.025 | \$0.033 | \$0.008 | 32.6% | | | | | | |
| TLS-EG CA Rate (w/CARB adder) | \$0.021 | \$0.029 | \$0.008 | 38.4% | | | | | | |
| System Average Rate | \$0.298 | \$0.342 | \$0.044 | 14.8% | | | | | | |
| CSITMA is the California Solar Initiative Program CARB adder is for CARB administrative fees. | Adder | | | | | | | | | |

TABLE 1 Natural Gas Transportation Rates Southern California Gas Company 2020 TCAP Application

| | Pro | posed Rates | 5 | Pro | posed Rates | s | Chan | ges | |
|--|------------------------|------------------------|-------------------------|------------------------|------------------------|--------------------------|--------------------|------------------------|----------------|
| | Jul-1-18 | Proposed | Jul-1-18 | Jan-1-20 | Proposed | Jan-1-20 | Revenue | Rate | % Rate |
| | Volumes | Rate | Revenues | Volumes | Rate | Revenues | Change | Change | change |
| | Mth | \$/therm | \$000's | Mth | \$/therm | \$000's | \$000's | \$/therm | % |
| | D | E | F | D | E | F | G | Н | 1 |
| CORE | | | | | | | | | Ì |
| Residential | 2,435,160 | \$0.74844 | \$1,822,559 | 2,346,353 | \$0.74324 | \$1,743,897 | (\$78,662) | (\$0.00520) | -0.7% |
| Commercial & Industrial | 1,023,186 | \$0.32464 | \$332,163 | 992,706 | \$0.38013 | \$377,357 | \$45,195 | \$0.05549 | 17.1% |
| | | | | | | | | | |
| NGV - Pre Sempra-Wide | 157,095 | \$0.12882 | \$20,237 | 178,769 | \$0.14814 | \$26,484 | \$6,247 | \$0.01932 | 15.0% |
| Sempra-Wide Adjustment | 157,095 | (\$0.00166) | (\$260) | 178,769 | (\$0.00163) | (\$292) | (\$32) | \$0.00002 | -1.4% |
| NGV - Post Sempra-Wide | 157,095 | \$0.12716 | \$19,977 | 178,769 | \$0.14651 | \$26,192 | \$6,215 | \$0.01935 | 15.2% |
| | | | | | | | | | |
| Gas A/C | 772 | \$0.15436 | \$119 | 416 | \$0.15857 | \$66 | (\$53) | \$0.00422 | 2.7% |
| Gas Engine | 20,699 | \$0.16141 | \$3,341 | 22,302 | \$0.16318 | \$3,639 | \$298 | \$0.00177 | 1.1% |
| Total Core | 3,636,911 | \$0.59890 | \$2,178,159 | 3,540,545 | \$0.60758 | \$2,151,151 | (\$27,008) | \$0.00867 | 1.4% |
| | | | | | | | | | |
| NONCORE COMMERCIAL & INDUSTRIAL | | | | | | | | | |
| Distribution Level Service | 865,102 | \$0.07674 | \$66,392 | 919,735 | \$0.08449 | \$77,712 | \$11,320 | \$0.00775 | 10.1% |
| Transmission Level Service (2) | 660,238 | \$0.02441 | \$16,114 | 626,080 | \$0.03248 | \$20,333 | \$4,218 | \$0.00807 | 33.1% |
| Total Noncore C&I | 1,525,339 | \$0.05409 | \$82,506 | 1,545,814 | \$0.06343 | \$98,045 | \$15,538 | \$0.00934 | 17.3% |
| | | | | | | | | | |
| NONCORE ELECTRIC GENERATION | | | | | | | | | |
| Distribution Level Service | | | | | | | | | |
| Pre Sempra-Wide | 285,096 | \$0.08176 | \$23,310 | 331,442 | \$0.09191 | \$30,463 | \$7,153 | \$0.01015 | 12.4% |
| Sempra-Wide Adjustment | 285,096 | (\$0.00626) | (\$1,784) | 331,442 | (\$0.00298) | (\$989) | \$795 | \$0.00328 | -52.3% |
| Distribution Post Sempra Wide | 285,096 | \$0.07550 | \$21,525 | 331,442 | \$0.08893 | \$29,474 | \$7,949 | \$0.01343 | 17.8% |
| Transmission Level Service (2) | 2,392,699 | \$0.02064 | \$49,379 | 2,246,336 | \$0.02866 | \$64,375 | \$14,996 | \$0.00802 | 38.9% |
| Total Electric Generation | 2,677,795 | \$0.02648 | \$70,904 | 2,577,778 | \$0.03641 | \$93,849 | \$22,945 | \$0.00993 | 37.5% |
| | | | | | | | | | |
| TOTAL RETAIL NONCORE | 4,203,134 | \$0.03650 | \$153,411 | 4,123,593 | \$0.04654 | \$191,894 | \$38,483 | \$0.01004 | 27.5% |
| | | | | | | | | | |
| WHOLESALE | | | | | | | | | |
| Wholesale Long Beach (2) | 73,520 | \$0.02035 | \$1,496 | 79,646 | \$0.02837 | \$2,260 | \$763 | \$0.00802 | 39.4% |
| Wholesale SWG (2) | 65,367 | \$0.02035 | \$1,330 | 66,431 | \$0.02837 | \$1,885 | \$554 | \$0.00802 | 39.4% |
| Wholesale Vernon (2) | 95,137 | \$0.02035 | \$1,936 | 96,890 | \$0.02837 | \$2,749 | \$813 | \$0.00802 | 39.4% |
| International (2) | 91,378 | \$0.02035 | \$1,860 | 116,299 | \$0.02837 | \$3,300 | \$1,440 | \$0.00802 | 39.4% |
| Total Wholesale & International | 325,403 | \$0.02035 | \$6,623 | 359,267 | \$0.02837 | \$10,193 | \$3,570 | \$0.00802 | 39.4% |
| SDG&E Wholesale Total Wholesale Incl SDG&E | 1,251,556 1,576,959 | \$0.01483 \$0.01597 | \$18,558 \$25,181 | 1,118,614 1,477,881 | \$0.02195 \$0.02351 | \$24,555 \$34,748 | \$5,997 \$9,567 | \$0.00712 \$0.00754 | 48.0% 47.2% |
| Total Wholesale Incl SDG&E | 1,576,959 | \$0.01597 | \$25,161 | 1,477,001 | \$0.0235T | \$34,746 | \$9,567 | \$0.00754 | 47.2% |
| TOTAL NONCORE | 5,780,093 | \$0.03090 | \$178,592 | 5,601,473 | \$0.04046 | \$226,642 | \$48,050 | \$0.00956 | 31.0% |
| TO TAL NONCOILE | 3,700,093 | φυ.υວυθ0 | ψ170,082 | 3,001,473 | φυ.υ4υ40 | ψΖΖΟ,04Ζ | φ40,030 | φυ.υυ υ υου | 31.0% |
| Unbundled Storage (4) | | | \$22.200 | | | ¢o. | (¢22,200) | | |
| Unbundled Storage (4) | 9,417,004 | \$0.25274 | \$23,290 \$2,380,041 | 9,142,019 | \$0.26009 | \$0 | (\$23,290) | \$0.00736 | 2.9% |
| System Total (w/o BTS) Backbone Transportation Service BTS (3) | 2,690 | \$0.25274 \$0.26353 | \$2,380,041 | 2,690 | \$0.26009 \$0.26245 | \$2,377,793 \$257,673 | (\$2,248) | | -0.4% |
| · · · · · · · · · · · · · · · · · · · | | | | | | | (\$1,063) | (\$0.00108) | |
| SYSTEM TOTAL W/BTS | 9,417,004 | \$0.28021 | \$2,638,777 | 9,142,019 | \$0.28828 | \$2,635,467 | (\$3,311) | \$0.00807 | 2.9% |
| FOR Devices | 004.570 | Φ0.0 5 040 | £40.000 | 000 044 | 60.07400 | £44.004 | CO CO4 | #0.04040 | 04.00/ |
| EOR Revenues Total Throughput w/EOR Mth/yr | 231,570 9,648,574 | \$0.05313 | \$12,303 | 208,941 9,350,960 | \$0.07162 | \$14,964 | \$2,661 | \$0.01849 | 34.8% |
| Total Throughput W/EOR With/yi | 9,040,574 | | | 9,350,960 | | | | | |

¹⁾ These rates are for Natural Gas Transportation Service from "Citygate to Meter." The Backbone Transportation Service (BTS) rate is for service from Receipt Point to Citygate.

²⁾ These Transmission Level Service (TLS) amounts represent the average transmission rate, see Table 7 for detailed list of TLS rates.

³⁾ BTS charge (\$/dth/day) is proposed as a separate rate. Core will pay through procurement rate, noncore as a separate charge. Charge is for both core and noncore customers

⁴⁾ Unbundled Storage costs are not part of the Core Storage or Load Balancing functions (those are included in transport rates).

⁵⁾ All rates include Franchise Fees & Uncollectible charges.

TABLE 2 Residential Transportation Rates Southern California Gas Company

| | ' | Present Rates | | Pror | posed Rates | , | Chang | | | |
|----------|--|---------------|------------------------|------------------|-------------|------------------------|----------------------------|--------------|----------------------------|------------------|
| | · | Jul-1-18 | Average | Jul-1-18 | Jan-1-20 | | Jan-1-20 | Revenue | Rate | % Rate |
| | · | Volumes | Rate | Revenue | Volumes | Rate | Revenue | Change | Change | change |
| | • | Mth | \$/th | \$000's | Mth | \$/th | \$000's | \$000's | \$/th | % |
| | | Α | В | С | D | E | F | G | Н | I |
| 1 | RESIDENTIAL SERVICE | | | į | | | ı | 1 | | ' |
| 2 | Customer Charge | | | į | | | ı | 1 | | ' |
| 3 | Single Family | 3,750,414 | \$5.00 | \$225,025 | 3,808,652 | \$10.00 | \$457,038 | \$232,013 | \$5.00000 | 100.0% |
| 4 | Multi-Family | 1,743,024 | \$5.00 | \$104,581 | 1,784,011 | \$10.00 | \$214,081 | \$109,500 | \$5.00000 | 100.0% |
| 5 | Small Master Meter | 124,314 | \$5.00 | \$7,459 | 121,819 | \$10.00 | \$14,618 | \$7,159 | \$5.00000 | 100.0% |
| 6 | Submeter Credit-\$/unit/day | 148,373 | (\$0.27386) | (\$14,831) | 141,547 | (\$0.13742) | (\$7,100) | \$7,731 | \$0.13644 | -49.8% |
| 7 | Volumetric Transportation Rate Exclude CSITMA and CAT: | | | | | | | (2:35.140) | :22 20100) | := 40/ |
| 8 | Baseline Rate | 1,839,570 | \$0.53602 \$0.06474 | \$986,048 | 1,707,243 | \$0.30496 | \$520,636 \$525,443 | (\$465,412) | (\$0.23106) | -43.1% |
| 9 | Non-Baseline Rate | 584,298 | \$0.86474 | \$505,266 | 630,017 | \$0.84936 | \$535,112 \$4,734,396 | \$29,846 | (\$0.01538) | -1.8% |
| 10 11 | NOTION DECE | 2,423,869 | \$0.74820 | \$1,813,547 | 2,337,260 | \$0.74206 | \$1,734,386 | (\$79,162) | (\$0.00614) | -0.8% |
| 11 | NBL/BL Ratio: | | * 4 00067 | į | | * 0.07033 | ı | 1 | (<u></u> | 4 20/ |
| 12 13 | Composite Rate \$/th Gas Rate \$/th | | \$1.02367 \$0.31248 | į | | \$0.97933 \$0.27687 | ı | 1 | (\$0.04434) (\$0.03561) | -4.3% -11.4% |
| 13 14 | Gas Rate \$/th NBL/Composite rate ratio (4) = | | \$0.31248 1.15 | ! | | \$0.27687 1.15 | ı | 1 | (\$0.03501) | -11.470 |
| 15 | NBL- BL rate difference \$/th | | 0.32872 | į | | 1.15 0.54441 | ı | 1 | \$0.21569 | 65.6% |
| 16 | NBL- DL rate difference oral | | U.32012 | į | | U.J 444 i | ı | 1 | Φ0.∠1000 | 05.070 |
| 17 | Large Master Meter Rate (Excludes Rate Adders for CAT): | | | į | | | ı | 1 | | |
| 18 | Customer Charge | 57 | \$411.17 | \$280 | 49 | \$411.17 | \$244 | (\$36) | \$0.00 | 0.0% |
| 19 | Baseline Rate | 9,428 | \$0.24993 | \$2,356 | 7,787 | \$0.12454 | \$2 44 \$970 | (\$1,387) | (\$0.12540) | -50.2% |
| 20 | Non-Baseline Rate | 1,863 | \$0.40321 | \$2,330 \$751 | 1,306 | \$0.12454 | \$453 | (\$298) | (\$0.12540) | -14.0% |
| 21 | Noti-paseille Mate | 11,291 | \$0.40321 | \$3,388 | 9,093 | \$0.34000 | \$1,666 | (\$1,721) | (\$0.03033) | -38.9% |
| 22 | • | 1., | ψ0.0011 | Ψο,α | 0,011 | ψ0 | Ψ., | (* .,. = ., | (ψο, | |
| 23 | Residential Rates Include CSITMA, CARB and GHG Excludes CAT: | | | į | | | ı | 1 | | |
| 24 | CSITMA Adder to Volumetric Rate | 1,800,739 | \$0.00308 | \$5,550 | 1,745,667 | \$0.00311 | \$5,421 | (\$129) | \$0.00002 | 0.8% |
| 25 | CARB Adder to Volumetric Rate | | *- | | 2,346,353 | \$0.00101 | \$2,378 | 1 | · | |
| 26 | GHG End User Adder to Volumetric Rate | | | į | 2,346,353 | \$0.00000 | \$0 | 1 | | İ |
| 25 | Residential: | 4 | 4 | | | | | | | |
| 26 | Customer Charge | | \$5.00 | | | \$10.00 | | | \$5.00000 | 100.0% |
| 27 | Baseline \$/therm | | \$0.53910 | | | \$0.30908 | | | (\$0.23003) | -42.7% |
| 28 | Non-Baseline \$/therm | | \$0.86782 | | | \$0.85348 | | | (\$0.01434) | -1.7% |
| 29 | Average NonCARE Rate \$/therm | | \$0.75129 | | | \$0.74618 | | | (\$0.00511) | -0.7% |
| 30 | Large Master Meter: | | | | | | | | | |
| 31 | Customer Charge | | \$411.17 | | | \$411.17 | | | \$0.00 | 0.0% |
| 32 | BaseLine Rate | | \$0.25302 | | | \$0.12866 | | | (\$0.12436) | -49.2% |
| 33 | Non-Baseline Rate | | \$0.40629 | | | \$0.35098 | | | (\$0.05531) | -13.6% |
| 34 | Average NonCARE Rate \$/therm | | \$0.30312 | į | | \$0.18739 | ı | 1 | (\$0.11573) | -38.2% |
| 35 | Residential Rates Include CSITMA & CAT: | | | | | | | | | |
| 36 | CAT Adder to Volumetric Rate | 49,671 | \$0.00150 | \$74 | 27,389 | \$0.00167 | \$46 | (\$29) | \$0.00017 | 11% |
| 37 | Residential: | | 05.00 | | | 45.00 | | | 20,00000 | 2 20/ |
| 38 | Customer Charge | | \$5.00 | | | \$5.00 \$0.24075 | | | \$0.00000 | 0.0% |
| 39 | BaseLine Rate | | \$0.54060 | | | \$0.31075 | | | (\$0.22986) | -42.5% |
| 40 41 | Non-Baseline Rate | | \$0.86932 | | | \$0.85515 | | | (\$0.01417) | -1.6% |
| 41 42 | Large Master Meter: | | \$411.17 | | | \$411.17 | | | \$0.00000 | 0.0% |
| 42 | Customer Charge BaseLine Rate | 1 | \$411.17 \$0.25452 | | | \$411.17 \$0.13033 | | | (\$0.12419) | -48.8% |
| 43 44 | Non-Baseline Rate | | \$0.25452 \$0.40779 | | | \$0.13033 \$0.35265 | | | (\$0.12419) (\$0.05514) | -48.8% -13.5% |
| 44 | Other Adjustments: | | φυ.40110 | | | Φ0.33203 | | \leftarrow | (φυ.υσστ-1) | -13.576 |
| 46 | TCA for CSITMA exempt customers | | (\$0.00308) | | | (\$0.00311) | | 4 | (\$0.00002) | 0.8% |
| 47 | California Climate Credit - April Bill | | \$0.00 | | | \$0.00 | | | (ψυ.υυσυ., | 0.070 |
| 48 | TOTAL RESIDENTIAL | 2,435,160 | \$0.74844 | \$1,822,559 | 2,346,353 | \$0.74324 | \$1,743,897 | (\$78,662) | (\$0.00520) | -0.7% |
| 40 | TOTAL RESIDENTIAL | 2,433,100 | 30.74044 | \$1,022,000 | 2,340,333 | ⊅ 0.14324 | \$1,14J,U31 | (\$70,002) | (\$0.00320) | -0.7 /0 |

See footnotes, Table 1.

TABLE 3 Core Nonresidential Transportation Rates

Southern California Gas Company

01/00/00 0

| | | | | 0 | | | | | | |
|----------|--|-------------------|-------------------------------|----------------------|-------------------|-------------------------------|----------------------|---------------------|-------------------------------|------------------|
| | | Jul-1-18 | Present Rate | s Jul-1-18 | Jan-1-20 | posed Rates | Jan-1-20 | Chang Revenue | ges Rate | % Rate |
| | | Volumes | Average Rate | Revenue | Volumes | Rate | Revenue | Change | Change | % Rate change |
| | | Mth | \$/th | \$000's | Mth | \$/th | \$000's | \$000's | \$/th | % |
| | | A | В | ф000 3 С | D | E | φ0003 F | G | Н | ĭ |
| 1 | | | | | - | | - | | | |
| 2 | CORE COMMERCIAL & INDUSTRIAL | 110.000 | 045.00 | 200.040 | 444.070 | 045.00 | 005.440 | (0000) | 00.00 | 0.00/ |
| 3 4 | Customer Charge 1 Customer Charge 2 | 146,202 61,115 | \$15.00 \$15.00 | \$26,316 \$11,001 | 141,378 62,136 | \$15.00 \$15.00 | \$25,448 \$11,185 | (\$868) \$184 | \$0.00 \$0.00 | 0.0% |
| 5 | Volumetric Transportation Rate Exclude CSITMA & CAT: | 0., | 4 10100 | 4, | 52,700 | V | . , | **** | V | 0.070 |
| 6 | Tier 1 = 250th/mo | 203,321 | \$0.54303 | \$110,409 | 202,399 | \$0.65195 | \$131,955 | \$21,545 | \$0.10893 | 20.1% |
| 7 | Tier 2 = next 4167 th/mo | 453,170 | \$0.29523 | \$133,789 | 449,431 | \$0.34795 | \$156,377 | \$22,588 | \$0.05272 | 17.9% |
| 8 | Tier 3 = over 4167 th/mo | 366,694 | \$0.12908 | \$47,333 | 340,876 | \$0.14411 | \$49,123 | \$1,790 | \$0.01503 | 11.6% |
| 9 10 | | 1,023,186 | \$0.32140 | \$328,849 | 992,706 | \$0.37684 | \$374,088 | \$45,239 | \$0.05544 | 17.2% |
| 11 | Volumetric Transportation Rate Include CSITMA & GHG, Exclude CAT: | | | | | | | | | |
| 12 | CSITMA Adder to Volumetric Rate | 1,008,238 | \$0.00308 | \$3,107 | 978,185 | \$0.00311 | \$3,038 | (\$70) | \$0.00002 | 0.8% |
| 13 | GHG Adder to Volumetric Rate | 1,023,186 | \$0.00000 | \$0 | 992,706 | \$0.00000 | \$0 | | | |
| 14 | Tier 1 = 250th/mo | | \$0.54611 | | | \$0.65506 | | | \$0.10895 | 19.9% |
| 15 | Tier 2 = next 4167 th/mo | | \$0.29831 | | | \$0.35105 | | | \$0.05274 | 17.7% |
| 16 | Tier 3 = over 4167 th/mo | | \$0.13216 | | | \$0.14721 | | | \$0.01505 | 11.4% |
| 17 | Volumetric Transportation Date Include CSITMA 9 CAT. | | \$0.32448 | | | \$0.37994 | | | \$0.05546 | |
| 18 19 | Volumetric Transportation Rate Include CSITMA & CAT: CAT Adder to Volumetric Rate | 137,753 | \$0.00150 | \$206 | 139,308 | \$0.00167 | \$232 | \$26 | \$0.00017 | 11% |
| 20 | Tier 1 = 250th/mo | 137,733 | \$0.54761 | φ200 | 139,300 | \$0.65673 | Ψ232 | Ψ20 | \$0.00017 | 19.9% |
| 21 | Tier 2 = next 4167 th/mo | | \$0.29981 | | | \$0.35272 | | | \$0.05291 | 17.6% |
| 22 | Tier 3 = over 4167 th/mo | | \$0.13366 | | | \$0.14888 | | | \$0.01522 | 11.4% |
| 23 | | | \$0.32598 | | | \$0.38161 | | | \$0.05563 | 17.1% |
| 24 | Other Adjustments: | | | | | | | | | |
| 25 | TCA for CSITMA exempt customers | 1 | (\$0.00308) | | | (\$0.00311) | | | (\$0.00002) | 0.8% |
| 26 27 | GHG Fee Credit \$/th TOTAL CORE C&I | 1,023,186 | \$0.00000 \$0.32464 | \$332,163 | 992,706 | \$0.00000 \$0.38013 | \$377.357 | \$45,195 | \$0.05549 | 17.1% |
| 28 | TOTAL GOILE GUI | 1,020,100 | ψ0.02-10-1 | ψ00 Σ ,100 | 332,733 | Ψ0.00010 | Ψ011,001 | \$40,100 | Ψ0.00040 | 171170 |
| 29 | NATURAL GAS VEHICLES (a sempra-wide rate) | | | | | | | | | |
| 30 | Customer Charge, P-1 | 229 | \$13.00 | \$36 | 263 | \$13.00 | \$41 | \$5 | \$0.00000 | 0.0% |
| 31 | Customer Charge, P-2A | 130 | \$65.00 | \$101 | 115 | \$65.00 | \$90 | (\$11) | \$0.00000 | 0.0% |
| 32 | Uncompressed Rate Exclude CSITMA, GHG & CAT | 157,095 | \$0.10943 | \$17,192 | 178,769 | \$0.12514 | \$22,372 | \$5,180 | \$0.01571 | 14.4% |
| 33 | Total Uncompressed NGV | 157,095 | \$0.11031 | \$17,329 | 178,769 | \$0.12587 | \$22,502 | \$5,174 | \$0.01557 | 14.1% |
| 34 | Compressed Rate Adder | 2,099 | \$1.03136 | \$2,164 | 2,833 | \$1.04238 | \$2,953 | \$789 | \$0.01102 | 1.1% |
| 35 36 | Uncompressed Rate Include CSITMA, CARB and GHG Exclude CAT | | | | | | | | | |
| 37 | CSITMA Adder to Volumetric Rate | 157,073 | \$0.00308 | \$484 | 178,769 | \$0.00311 | \$555 | \$71 | \$0.00002 | 0.8% |
| 38 | CARB Adder to Volumetric Rate | , | ******** | **** | 178,769 | \$0.00101 | \$181 | | ******* | ,. |
| 39 | GHG End User Adder to Volumetric Rate | | | | 178,769 | \$0.00000 | \$0 | | | |
| 40 | Uncompressed Rate \$/therm | | \$0.11252 | | | \$0.12926 | | | \$0.01675 | 14.9% |
| 41 | Other Adjustments: | | | | | | | | | |
| 42 | TCA for CSITMA exempt customers | | (\$0.00308) | | | (\$0.00311) | | | (\$0.00002) | 0.8% |
| 43 44 | Low Carbon Fuel Standard (LCFS) Credit TOTAL NGV SERVICE | 157,095 | \$0.00000 \$0.12716 | \$23,609 | 178,769 | \$0.00000 \$0.14651 | \$26,192 | \$2,582 | \$0.00000 \$0.01935 | 15.2% |
| 45 | TOTAL NOV SERVICE | 137,033 | φυ.12710 | \$25,009 | 170,703 | \$0.14031 | \$20,132 | 92,302 | φυ.υ1933 | 13.2 /0 |
| 46 | RESIDENTIAL NATURAL GAS VEHICLES (optional rate) | | | | | | | | | |
| 47 | Customer Charge | 5,618 | \$10.00 | \$674 | 216 | \$10.00 | \$26 | (\$648) | \$0.00000 | 0.0% |
| 48 | Uncompressed Rate Exclude CSITMA & CAT | 5,501 | \$0.20696 | \$1,138 | 166 | \$0.28630 | \$48 | (\$1,091) | \$0.07934 | 38.3% |
| 49 | | 5,501 | \$0.32951 | \$1,813 | 166 | \$0.44205 | \$73 | (\$1,739) | \$0.11254 | 34.2% |
| 50 | Uncompressed Rate Include CSITMA, Exclude CAT | | | | İ | | 4. | | | |
| 51 | CSITMA Adder to Volumetric Rate | | \$0.00308 | | 5,501 | \$0.00311 | \$17 ©6 | | \$0.00002 | 0.8% |
| 52 53 | CARB Adder to Volumetric Rate GHG End User Adder to Volumetric Rate | | | | 5,501 5,501 | \$0.00101 \$0.00000 | \$6 \$0 | | | |
| 53 54 | Uncompressed Rate \$/therm | | \$0.21004 | | 0,001 | \$0.00000 | φυ | | \$0.08038 | 38.3% |
| 55 | | | \$0.2.00T | | | \$0.200 TZ | | | #0.0000 | 00.070 |
| 56 | Uncompressed Rate Include CSITMA & CAT | | | | | | | | | |
| 57 | CAT Adder to Volumetric Rate | 0 | \$0.00150 | \$0 | 0 | \$0.00167 | \$0 | \$0 | \$0.00017 | 11.3% |
| 58 | Uncompressed Rate | | \$0.21154 | | | \$0.29209 | | \$0 | \$0.08055 | 38.1% |
| 59 | Other Adjustments: | | (00 00 00 | | | (0.0.0 | | | (0.0 0 | |
| 60 61 | TCA for CSITMA exempt customers | | (\$0.00308) | | | (\$0.00311) | | | (\$0.00002) | 0.8% |
| | | | | | | | | | | |
| 62 | TOTAL RESIDENTIAL NATURAL GAS VEHICLES | 5,501 | \$0.32951 | \$1,813 | 166 | \$0.57841 | \$96 | (\$1,716) | \$0.24891 | 75.5% |

TABLE 4

Core Nonresidential Transportation Rates (continued)

Southern California Gas Company

01/00/00

| | | | Present Rate | 0 | Des | oosed Rates | | Chan | | |
|--|--|------------------|---|------------------------|------------------|---|------------------------|---------------------|--|---------------------------------------|
| | | Jul-1-18 | | Jul-1-18 | Jan-1-20 | oosea Kates | Jan-1-20 | | Rate | % Rate |
| | | | Average | | | Б., | | Revenue | | |
| | | Volumes | Rate | Revenue | Volumes | Rate | Revenue | Change | Change | change |
| | | Mth | \$/th | \$000's | Mth | \$/th | \$000's | \$000's | \$/th | % |
| | | Α | В | С | D | E | F | G | H | ı |
| 1 | | | | | | | | | | |
| 2 | 11011 DECIDENT 240 4/0 | | | | | | | | | |
| 3 | NON-RESIDENTIAL GAS A/C | | | | | • | | | | |
| 4 | Customer Charge | 9 | \$150 | \$16 | 8 | \$150 | \$14 | (\$2) | \$0.00000 | 0.0% |
| 5 | Volumetric Rate | 772 | \$0.13029 | \$101 | 416 | \$0.12088 | \$50 | (\$50) | (\$0.00941) | -7.2% |
| 6 | | 772 | \$0.15128 | \$117 | 416 | \$0.15547 | \$65 | (\$52) | \$0.00419 | 2.8% |
| 7 | Volumetric Rates Include CSITMA, Exclude CAT | | | | | | | | | |
| - 8 | CSITMA Adder to Volumetric Rate | 772 | \$0.00308 | \$2 | 416 | \$0.00311 | \$1 | (\$1) | \$0.00002 | 0.8% |
| 9 | Volumetric | | \$0.13337 | | | \$0.12398 | | | (\$0.00939) | -7.0% |
| 10 | Volumetric Rates Include CSITMA & CAT | | | | | | | | | |
| 11 | CAT Adder to Volumetric Rate | 0 | \$0.00150 | \$0 | 0 | \$0.00167 | \$0 | \$0 | \$0.00017 | 11.3% |
| 12 | Gas A/C Rate | | \$0.13487 | | | \$0.12565 | | | (\$0.00922) | -6.8% |
| 13 | Other Adjustments: | | | | | | | | | |
| 14 | TCA for CSITMA exempt customers | | (\$0.00308) | | | (\$0.00311) | | | (\$0.00002) | 0.8% |
| 15 | | | | | | | | | | |
| 16 | TOTAL A/C SERVICE | 772 | \$0.15436 | \$119 | 416 | \$0.15857 | \$66 | (\$53) | \$0.00422 | 2.7% |
| 17 | | | | | | | | | | |
| 18 | GAS ENGINES | | | | | | | | | |
| 19 | Customer Charge | 712 | \$50 | \$427 | 711 | \$50 | \$427 | (\$1) | \$0.00000 | 0.0% |
| 20 | | | | | | | | | | |
| | Volumetric Exclude CSITMA & CAT | 20,699 | \$0.13769 | \$2,850 | 22,302 | \$0.14094 | \$3,143 | \$293 | \$0.00326 | 2.4% |
| 21 | Volumetric Exclude CSITMA & CAT | 20,699 20,699 | \$0.13769 \$0.15833 | \$2,850 \$3,277 | 22,302 22,302 | \$0.14094 \$0.16008 | \$3,143 \$3,570 | \$293 \$293 | \$0.00326 \$0.00175 | 2.4% 1.1% |
| | Volumetric Exclude CSITMA & CAT Volumetric Rates Include CSITMA, Exclude CAT | | | | , | - | - ' ' | | | |
| 21 | | | | | , | - | - ' ' | | | |
| 21 22 | Volumetric Rates Include CSITMA, Exclude CAT | 20,699 | \$0.15833 | \$3,277 | 22,302 | \$0.16008 | \$3,570 | \$293 | \$0.00175 | 1.1% |
| 21 22 23 | Volumetric Rates Include CSITMA, Exclude CAT CSITMA Adder to Volumetric Rate | 20,699 | \$0.15833 \$0.00308 | \$3,277 | 22,302 | \$0.16008 \$0.00311 | \$3,570 | \$293 | \$0.00175 \$0.00002 | 1.1% |
| 21 22 23 24 | Volumetric Rates Include CSITMA, Exclude CAT CSITMA Adder to Volumetric Rate Volumetric | 20,699 | \$0.15833 \$0.00308 | \$3,277 | 22,302 | \$0.16008 \$0.00311 | \$3,570 | \$293 | \$0.00175 \$0.00002 | 1.1% |
| 21 22 23 24 25 | Volumetric Rates Include CSITMA, Exclude CAT CSITMA Adder to Volumetric Rate Volumetric Volumetric Rates Include CSITMA & CAT | 20,699 | \$0.15833 \$0.00308 \$0.14080 | \$3,277 \$64 | 22,302 | \$0.16008 \$0.00311 \$0.14400 | \$3,570 \$69 | \$293 \$5 | \$0.00175 \$0.00002 \$0.00320 | 0.8% |
| 21 22 23 24 25 26 | Volumetric Rates Include CSITMA, Exclude CAT CSITMA Adder to Volumetric Rate Volumetric Volumetric Rates Include CSITMA & CAT CAT Adder to Volumetric Rate | 20,699 | \$0.15833 \$0.00308 \$0.14080 \$0.00150 | \$3,277 \$64 | 22,302 | \$0.16008 \$0.00311 \$0.14400 \$0.00167 | \$3,570 \$69 | \$293 \$5 | \$0.00175 \$0.00002 \$0.00320 \$0.00017 | 1.1% 0.8% 11.3% |
| 21 22 23 24 25 26 27 | Volumetric Rates Include CSITMA, Exclude CAT CSITMA Adder to Volumetric Rate Volumetric Volumetric Rates Include CSITMA & CAT CAT Adder to Volumetric Rate Gas Engine Rate | 20,699 | \$0.15833 \$0.00308 \$0.14080 \$0.00150 | \$3,277 \$64 | 22,302 | \$0.16008 \$0.00311 \$0.14400 \$0.00167 | \$3,570 \$69 | \$293 \$5 | \$0.00175 \$0.00002 \$0.00320 \$0.00017 | 1.1% 0.8% 11.3% |
| 21 22 23 24 25 26 27 28 | Volumetric Rates Include CSITMA, Exclude CAT CSITMA Adder to Volumetric Rate Volumetric Volumetric Rates Include CSITMA & CAT CAT Adder to Volumetric Rate Gas Engine Rate Other Adjustments | 20,699 | \$0.15833 \$0.00308 \$0.14080 \$0.00150 \$0.14230 | \$3,277 \$64 | 22,302 | \$0.16008 \$0.00311 \$0.14400 \$0.00167 \$0.14567 | \$3,570 \$69 | \$293 \$5 | \$0.00175 \$0.00002 \$0.00320 \$0.00017 \$0.00337 | 1.1% 0.8% 11.3% 2.4% |
| 21 22 23 24 25 26 27 28 29 | Volumetric Rates Include CSITMA, Exclude CAT CSITMA Adder to Volumetric Rate Volumetric Volumetric Rates Include CSITMA & CAT CAT Adder to Volumetric Rate Gas Engine Rate Other Adjustments | 20,699 | \$0.15833 \$0.00308 \$0.14080 \$0.00150 \$0.14230 | \$3,277 \$64 | 22,302 | \$0.16008 \$0.00311 \$0.14400 \$0.00167 \$0.14567 | \$3,570 \$69 | \$293 \$5 | \$0.00175 \$0.00002 \$0.00320 \$0.00017 \$0.00337 | 1.1% 0.8% 11.3% 2.4% |
| 21 22 23 24 25 26 27 28 29 30 31 | Volumetric Rates Include CSITMA, Exclude CAT CSITMA Adder to Volumetric Rate Volumetric Volumetric Rates Include CSITMA & CAT CAT Adder to Volumetric Rate Gas Engine Rate Other Adjustments TCA for CSITMA exempt customers | 20,699 20,699 | \$0.15833 \$0.00308 \$0.14080 \$0.00150 \$0.14230 (\$0.00308) | \$3,277 \$64 \$0 | 22,302 22,302 | \$0.16008 \$0.00311 \$0.14400 \$0.00167 \$0.14567 (\$0.00311) | \$3,570 \$69 \$0 | \$293 \$5 \$0 | \$0.00175 \$0.00002 \$0.00320 \$0.00017 \$0.00337 (\$0.00002) | 1.1% 0.8% 11.3% 2.4% 0.8% |
| 21 22 23 24 25 26 27 28 29 30 31 32 | Volumetric Rates Include CSITMA, Exclude CAT CSITMA Adder to Volumetric Rate Volumetric Volumetric Rates Include CSITMA & CAT CAT Adder to Volumetric Rate Gas Engine Rate Other Adjustments TCA for CSITMA exempt customers | 20,699 20,699 | \$0.15833 \$0.00308 \$0.14080 \$0.00150 \$0.14230 (\$0.00308) | \$3,277 \$64 \$0 | 22,302 22,302 | \$0.16008 \$0.00311 \$0.14400 \$0.00167 \$0.14567 (\$0.00311) | \$3,570 \$69 \$0 | \$293 \$5 \$0 | \$0.00175 \$0.00002 \$0.00320 \$0.00017 \$0.00337 (\$0.00002) | 1.1% 0.8% 11.3% 2.4% 0.8% |
| 21 22 23 24 25 26 27 28 29 30 31 32 33 | Volumetric Rates Include CSITMA, Exclude CAT CSITMA Adder to Volumetric Rate Volumetric Volumetric Rates Include CSITMA & CAT CAT Adder to Volumetric Rate Gas Engine Rate Other Adjustments TCA for CSITMA exempt customers TOTAL GAS ENGINES STREET & OUTDOOR LIGHTING (equals average Non-CAT CCI Rate) | 20,699 20,699 | \$0.15833 \$0.00308 \$0.14080 \$0.00150 \$0.14230 (\$0.00308) \$0.16141 | \$3,277 \$64 \$0 | 22,302 22,302 | \$0.16008 \$0.00311 \$0.14400 \$0.00167 \$0.14567 (\$0.00311) \$0.16318 | \$3,570 \$69 \$0 | \$293 \$5 \$0 | \$0.00175 \$0.00002 \$0.00320 \$0.00017 \$0.00337 (\$0.00002) | 1.1% 0.8% 11.3% 2.4% 0.8% |
| 21 22 23 24 25 26 27 28 29 30 31 32 | Volumetric Rates Include CSITMA, Exclude CAT CSITMA Adder to Volumetric Rate Volumetric Volumetric Rates Include CSITMA & CAT CAT Adder to Volumetric Rate Gas Engine Rate Other Adjustments TCA for CSITMA exempt customers | 20,699 20,699 | \$0.15833 \$0.00308 \$0.14080 \$0.00150 \$0.14230 (\$0.00308) | \$3,277 \$64 \$0 | 22,302 22,302 | \$0.16008 \$0.00311 \$0.14400 \$0.00167 \$0.14567 (\$0.00311) | \$3,570 \$69 \$0 | \$293 \$5 \$0 | \$0.00175 \$0.00002 \$0.00320 \$0.00017 \$0.00337 (\$0.00002) | 1.1% 0.8% 11.3% 2.4% |

TABLE 5 Noncore Commercial & Industrial Rates Southern California Gas Company

01/00/00 0

| 1 | · | Present Rates | | | Pro | Proposed Rates | | | Changes | |
|----|---|---------------|-------------|----------|-----------|----------------|----------|----------|-------------|--------|
| i | ' | Jul-1-18 | Average | Jul-1-18 | Jan-1-20 | | Jan-1-20 | Revenue | Rate | % Rate |
| | · ' | Volumes | Rate | Revenue | Volumes | Rate | Revenue | Change | Change | change |
| ı | ' | Mth | \$/th | \$000's | Mth | \$/th | \$000's | \$000's | \$/th | % |
| ı | · ' | Α | В | С | D | E | F | G | Н | 1 [|
| 1 | NonCore Commercial & Industrial Distribution Level | | | - | | | | | | |
| 2 | Customer Charge | 584 | \$350.00 | \$2,452 | 563 | \$350.00 | \$2,367 | (\$85) | \$0.00000 | 0.0% |
| 3 | ' | 1 | | , | | | ļ | | | [] |
| 4 | Volumetric Rates Include CARB Fee, Exclude GHG, and CSITMA | 1 | | , | | | ļ | | | [] |
| 5 | Tier 1 = 250kth/yr | 121,573 | \$0.15737 | \$19,132 | 124,403 | \$0.18285 | \$22,747 | \$3,615 | \$0.02548 | 16.2% |
| 6 | Tier 2 = 250k to 1000k | 205,061 | \$0.09908 | \$20,317 | 217,228 | \$0.11328 | \$24,607 | \$4,290 | \$0.01420 | 14.3% |
| 7 | Tier 3 = 1 to 2 million th/yr | 109,960 | \$0.06179 | \$6,794 | 118,763 | \$0.06877 | \$8,168 | \$1,374 | \$0.00699 | 11.3% |
| 8 | Tier 4 = over 2 million th/yr | 428,508 | \$0.03514 | \$15,057 | 459,341 | \$0.03697 | \$16,982 | \$1,925 | \$0.00183 | 5.2% |
| 9 | Volumetric totals (excl itcs) | 865,102 | \$0.07086 | \$61,300 | 919,735 | \$0.07883 | \$72,503 | \$11,203 | \$0.00797 | 11.2% |
| 10 | · ' | 1 | | ı | | | ı | | | |
| 11 | Volumetric Rates Include CARB, GHG, CSITMA | 1 | | ı | | | ı | | | |
| 12 | CSITMA Adder to Volumetric Rate | 1 | \$0.00308 | \$2,640 | | \$0.00311 | \$2,843 | \$203 | \$0.00002 | 0.8% |
| 13 | GHG Adder to Volumetric Rate | 1 | \$0.00000 | \$0 | | \$0.00000 | \$0 | \$0 | \$0.00000 | |
| 14 | Tier 1 = 250kth/yr | | \$0.16045 | | | \$0.18595 | | | \$0.02550 | 15.9% |
| 15 | Tier 2 = 250k to 1000k | | \$0.10216 | | | \$0.11638 | | | \$0.01422 | 13.9% |
| 16 | Tier 3 = 1 to 2 million th/yr | | \$0.06487 | | | \$0.07188 | | | \$0.00701 | 10.8% |
| 17 | Tier 4 = over 2 million th/yr | 4 | \$0.03822 | | | \$0.04008 | | | \$0.00185 | 4.9% |
| 18 | Other Adjustments: | | | | | | | | | |
| 19 | TCA for CSITMA exempt customers | | (\$0.00308) | | | (\$0.00311) | | | (\$0.00002) | 0.8% |
| 20 | CARB Fee Credit \$/th | 4 | (\$0.00100) | | | (\$0.00101) | | | (\$0.00001) | 1.2% |
| 21 | GHG Fee Credit \$/th | A = 7 | \$0.00000 | | | \$0.00000 | | | \$0.00000 | |
| 22 | NCCI - DISTRIBUTION LEVEL | 865,102 | \$0.07674 | \$66,392 | 919,735 | \$0.08449 | \$77,712 | \$11,320 | \$0.00775 | 10.1% |
| 23 | - | | | | T T | | | | | |
| 24 | NCCI-TRANSMISSION LEVEL Incl CARB & GHG Fee Excl CSITMA (1) | 6,438 | \$0.02136 | \$137 | 2,957 | \$0.02939 | \$87 | (\$51) | \$0.00803 | 37.6% |
| 25 | NCCI-TRANSMISSION LEVEL Incl CARB & GHG Fee and CSITMA (1) | 653,799 | \$0.02444 | \$15,977 | 623,122 | \$0.03249 | \$20,246 | \$4,269 | \$0.00805 | 33.0% |
| 26 | NCCI-TRANSMISSION LEVEL (2) | 660,238 | \$0.02441 | \$16,114 | 626,080 | \$0.03248 | \$20,333 | \$4,218 | \$0.00807 | 33.1% |
| 27 | | | | | f | | | | | |
| 28 | TOTAL NONCORE C&I | 1,525,339 | \$0.05409 | \$82,506 | 1,545,814 | \$0.06343 | \$98,045 | \$15,538 | \$0.00934 | 17.3% |
| 1 | | | | - | | | | | | |

TABLE 6 Noncore Electric Generation Rates and Enhanced Oil Recovery Rates Southern California Gas Company

| | ! | Present Rates | | Prop | Proposed Rates | | | Changes | | |
|----|---|---------------|-------------|----------|----------------|-------------|----------|----------|-------------|--------|
| | • | Jul-1-18 | Average | Jul-1-18 | Jan-1-20 | | Jan-1-20 | Revenue | Rate | % Rate |
| | • | Volumes | Rate | Revenue | Volumes | Rate | Revenue | Change | Change | change |
| | ! | Mth | \$/th | \$000's | Mth | \$/th | \$000's | \$000's | \$/th | % |
| | • | Α | В | С | D | E | F | G | Н | 1 |
| 1 | | | | | | | | | | |
| 2 | ELECTRIC GENERATION | | | | | | | | | |
| 3 | ! | | | | | | | | | |
| 4 | ! | | | | | | | | | |
| 5 | Small EG Distribution Level Service (a Sempra-Wide rate) Exclude CARB & GHG Fee & | & CSITMA: | | | | | | | | |
| 6 | Customer Charge | 201 | \$50.00 | \$121 | 308 | \$50.00 | \$185 | \$64 | \$0.00000 | 0.0% |
| 7 | Volumetric Rate | 77,207 | \$0.12566 | \$9,702 | 88,449 | \$0.12810 | \$11,330 | \$1,628 | \$0.00244 | 1.9% |
| 8 | Small EG Distribution Level Service | 77,207 | \$0.12722 | \$9,822 | 88,449 | \$0.13019 | \$11,515 | \$1,693 | \$0.00297 | 2.3% |
| 9 | • | | | | | | | | | |
| 10 | Large EG Distribution Level Service (a Sempra-Wide rate) Exclude CARB & GHG Fee | & CSITMA | | | | | | | | |
| 11 | Customer Charge | 28 | \$0.00 | \$0 | 30 | \$0.00 | \$0 | \$0 | \$0.00000 | |
| 12 | Volumetric Rate | 207,889 | \$0.05493 | \$11,419 | 242,993 | \$0.07253 | \$17,624 | \$6,205 | \$0.01760 | 32.0% |
| 13 | Large EG Distribution Level Service | 207,889 | \$0.05493 | \$11,419 | 242,993 | \$0.07253 | \$17,624 | \$6,205 | \$0.01760 | 32.0% |
| 14 | • | | | | | | | | | |
| 15 | EG Distribution excl CARB Fee & CSITMA | 285,096 | \$0.07451 | \$21,242 | 331,442 | \$0.08792 | \$29,139 | \$7,897 | \$0.01341 | 18.0% |
| 16 | | | | | | | | | | |
| 17 | Volumetric Rates Include CARB & GHG Fee, Exclude CSITMA | | | | | | | | | |
| 18 | CARB Fee Cost Adder | 283,261 | \$0.00100 | \$284 | 330,876 | \$0.00101 | \$335 | \$52 | \$0.00001 | 1.2% |
| 19 | GHG Cost Adder | 90,289 | \$0.00000 | \$0 | 104,031 | \$0.00000 | \$0 | \$0 | \$0.00000 | |
| 20 | EG-Distribution Tier 1 w/CARB Fee | | \$0.12666 | | | \$0.12911 | · | | \$0.00245 | 1.9% |
| 21 | EG-Distribution Tier 2 w/CARB Fee | | \$0.05593 | | | \$0.07354 | | | \$0.01761 | 31.5% |
| 22 | Total - EG Distribution Level | 285,096 | \$0.07550 | \$21,525 | 331,442 | \$0.08893 | \$29,474 | \$7,949 | \$0.01343 | 17.8% |
| 23 | CARB Fee Credit \$/th | | (\$0.00100) | | | (\$0.00101) | | | (\$0.00001) | 1.2% |
| 24 | GHG Fee Credit \$/th | | \$0.00000 | | | \$0.00000 | | | \$0.00000 | |
| 25 | | | | | | | | | | |
| 26 | EG Transmission Level Service Excl CARB & GHG Fee & CSITMA (1) | 1,714,769 | \$0.02035 | \$34,902 | 2,246,336 | \$0.02837 | \$63,732 | \$28,831 | \$0.00802 | 39.4% |
| 27 | EG Transmission Level CARB Fee | | | | 634,285 | \$0.00101 | \$643 | | | |
| 28 | EG Transmission Level Service - GHG End User Fee | | | | 30,343 | \$0.00000 | \$0 | | | |
| 29 | EG Transmission Level Service Incl CARB & GHG Fee, Exclude CSITMA (1) | 677,930 | \$0.02136 | \$14,477 | | | | | | |
| 30 | EG Transmission Level (2) | 2,392,699 | \$0.02064 | \$49,379 | 2,246,336 | \$0.02866 | \$64,375 | \$14,996 | \$0.00802 | 38.9% |
| 31 | • | | | | | | | | | |
| 32 | TOTAL ELECTRIC GENERATION | 2,677,795 | \$0.02648 | \$70,904 | 2,577,778 | \$0.03641 | \$93,849 | \$22,945 | \$0.00993 | 37.5% |
| 33 | - | | | | | | | | | |
| 34 | EOR Rates & revenue Exclude CARB Fee & CSITMA: | | | | | | | | | |
| 35 | Distribution Level EOR: | | | | | | | | | |
| 36 | Customer Charge | 17 | \$500.00 | \$102 | 23 | \$500.00 | \$138 | \$36 | \$0.00000 | 0.0% |
| 37 | Volumetric Rate Excl CARB & GHG Fee & CSITMA | 137,620 | \$0.07476 | \$10,289 | 151,758 | \$0.08701 | \$13,204 | \$2,915 | \$0.01225 | 16.4% |
| 38 | ! | | | • | | | · | | | |
| 39 | Volumetric Rates Include CARB & GHG Fee, Exclude CSITMA | | | | | | | | | |
| 40 | CARB Fee | | \$0.00100 | | | \$0.00101 | | | | |
| 41 | GHG Fee | | \$0.00000 | | | \$0.00000 | | | | |
| 42 | Volumetric Rate Incl CARB Fee & Excl CSITMA | | \$0.07576 | | | \$0.08802 | | | \$0.01226 | 16.2% |
| 43 | Distribution Level EOR | 137,620 | \$0.07550 | \$10,391 | 151,758 | \$0.08792 | \$13,342 | \$2,951 | \$0.01241 | 16.4% |
| 44 | CARB Fee Credit \$/th | | (\$0.00100) | | | (\$0.00101) | | | (\$0.00001) | 1.2% |
| 45 | GHG Fee Credit \$/th | | \$0.00000 | | | \$0.00000 | | | \$0.00000 | |
| 46 | Transmission Level EOR Exclude CARB & GHG Fee & CSITMA | 93,950 | \$0.02035 | \$1,912 | 57,184 | \$0.02837 | \$1,622 | (\$290) | \$0.00802 | 39.4% |
| 47 | Total EOR | 231,570 | \$0.05313 | \$12,303 | 208,941 | \$0.07162 | \$14,964 | \$2,661 | \$0.01849 | 34.8% |
| | A) COLTMA Newson COLD Traiff and leading COLTMA Condenses are already including COL | | | T | 01 4.1 | | | | | |

¹⁾ CSITMA - Noncore C&I D Tariff rate Include CSITMA. Customers exempt, including Constitutionally Exempt, receive Transportation Charge Adjustment (TCA).

EG Tariff Rate Exclude CSITMA, since EG customers are exempt.

²⁾ CARB & GHG Fees - EG-D and NCCI-D rates include CARB & GHG Fees.

³⁾ EOR customers tariff Include CARB & GHG Fees and Excludes CSITMA; since EOR customers are exempt from CSITMA and get a credit for CARB & GHG Fees.

See footnotes, Table 1.

<u>TABLE 7</u> Transmission Level Service Transportation Rates <u>Southern California Gas Company</u>

| | | | | D | Proposed Rates | | | Changes | | |
|----------|---|--|-------------------------|----------------------|----------------|------------------------|-------------------------|-------------|------------------------|-------------|
| | | Jul-1-18 | Present Rate Average | es Jul-1-18 | Jan-1-20 | Josed Rates | Jan-1-20 | Revenue | ges Rate | % Rate |
| | | Volumes | Rate | Revenue | Volumes | Rate | Revenue | Change | Change | change |
| | | Mth | \$/th | \$000's | Mth | \$/th | \$000's | \$000's | \$/th | % |
| | | A | В | ф000 s | D | E | \$000 s F | φ000 s G | H | l l |
| 1 | Rate Excluding CSITMA & CARB Fee: | | | | - | | | - | | |
| 2 | Reservation Service Option (RS): | | | | | | į | | | |
| 3 | Daily Reservation rate \$/th/day | | \$0.00671 | | | \$0.00963 | ļ | | \$0.00292 | 43.6% |
| 4 | Usage Charge for RS \$/th | | \$0.00994 | | | \$0.01406 | ļ | | \$0.00412 | 41.4% |
| 5 | Class Average Volumetric Rate (CA) | | | | | | ļ | | | |
| 6 | Volumetric Rate \$/th | | \$0.01040 | | | \$0.01430 | ļ | | \$0.00390 | 37.5% |
| 7 | Usage Charge for CA \$/th | | \$0.00994 | | | \$0.01406 | | <u></u> | \$0.00412 | 41.4% |
| 8 | Class Average Volumetric Rate (CA) \$/th | | \$0.02034 | · | | \$0.02836 | | | \$0.00802 | 39.4% |
| 9 | | | | | | | 1 | | | |
| 10 | 115% CA (for NonBypass Volumetric NV) \$/th | | \$0.02339 | | | \$0.03261 | ļ | | \$0.00922 | 39.4% |
| 11 | 135% CA (for Bypass Volumetric BV) \$/th | | \$0.02746 | | | \$0.03828 | | | \$0.01082 | 39.4% |
| 12 | Total Transmission Level Service (NCCI, EOR, EG) | 3,052,937 | \$0.02035 | \$62,138 | 2,872,415 | \$0.02837 | \$81,495 | \$19,357 | \$0.00802 | 39.4% |
| 13 | | | _ | _ | Γ | _ | | | _ | _ |
| 14 | C&I Rate Including CSITMA & CARB & GHG Fee: | | | | | | ļ | | | |
| 15 | CSITMA Adder to Usage Charge | 653,799 | \$0.00308 | \$2,015 | 623,122 | \$0.00311 | \$1,935 | (\$80) | \$0.00002 | |
| 16 | CARB Fee Adder | 1,338,168 | \$0.00100 | \$1,340 | 1,260,365 | \$0.00101 | \$1,277 | | \$0.00001 | |
| 17 | GHG Fee Adder | 123,450 | \$0.00000 | \$0 | 109,151 | \$0.00000 | \$0 | | \$0.00000 | |
| 18 | Reservation Service Option (RS): | | | | | | | | | |
| 19 | Daily Reservation rate \$/th/day | | \$0.00671 | | | \$0.00963 | | \$0 | \$0.00292 | 43.6% |
| 20 | Usage Charge for RS \$/th | | \$0.01403 | | | \$0.01818 | | \$0 | \$0.00415 | 29.6% |
| 21 | Class Average Volumetric Rate (CA) | | | | | | | | | |
| 22 | Volumetric Rate \$/th | | \$0.01040 | | | \$0.01430 | | \$0 | \$0.00390 | 37.5% |
| 23 | Usage Charge for CA \$/th | | \$0.01403 | | | \$0.01818 | | \$0 | \$0.00415 | 29.6% |
| 24 | Class Average Volumetric Rate (CA) \$/th | | \$0.02442 | | | \$0.03248 | | \$0 | \$0.00805 | 33.0% |
| 25 | | | 22 20747 | | | 22.22.70 | | 20 | 22.50000 | 22.70/ |
| 26 | 115% CA (for NonBypass Volumetric NV) \$/th | | \$0.02747 | | | \$0.03673 | | \$0 | \$0.00926 | 33.7% |
| 27 | 135% CA (for Bypass Volumetric BV) \$/th | | \$0.03154 | | | \$0.04240 | | \$0 | \$0.01086 | 34.4% |
| 28 | Other Adjustments: Transportation Charge Adj. (TCA) for CSITMA events quaterners | | (#0.00200) | | | (#0.00211) | | | (<u>#0.00002</u>) | |
| 29 | Transportation Charge Adj. (TCA) for CSITMA exempt customers | | (\$0.00308) | | | (\$0.00311) | | | (\$0.00002) | |
| 30 | California Air Resources Board (CARB) Fee Credit \$/th | | (\$0.00100) | | | (\$0.00101) | | | (\$0.00001) | |
| 31 32 | GHG Fee Credit Total Transmission Level Service Include CSITMA & CARB Fee | 3,052,937 | \$0.00000 \$0.02145 | \$65,493 | 2,872,415 | \$0.00000 \$0.02949 | \$84,708 | \$19,215 | \$0.00000 \$0.00804 | 37.5% |
| 33 | Total Halishingsion Level del vice include Collina & CARD 1 66 | 3,032,331 | ΨU.U∠ : ¬∪ | φυσ, - σσ | 2,012,710 | φυ.υ∠υ-τυ | φυ ν ,,,ου | φ13,£13 | φυ.υυυ- | 31.370 |
| 34 | EG & EOR Rate Including CARB Fee & GHG , excluding CSITMA: | | | | | | ļ | | | |
| 35 | CARB Fee Adder | | \$0.00100 | | | \$0.00101 | 1 | | \$0.00001 | |
| 36 | GHG Fee Adder | | \$0.00100 | | | \$0.0000 | 1 | | \$0.00001 | |
| 37 | Reservation Service Option (RS): | | ψ0.00333 | | | Ψο.ουσσσ | | | ψ0.00000 | |
| 38 | Daily Reservation rate \$/th/day | | \$0.00671 | | | \$0.00963 | | \$0 | \$0.00292 | 43.6% |
| 39 | Usage Charge for RS \$/th | | \$0.01095 | | | \$0.01508 | | \$0 | \$0.00413 | 37.7% |
| 40 | Class Average Volumetric Rate (CA) | | | | | 4 | | 1 | | |
| 41 | Volumetric Rate \$/th | | \$0.01040 | | | \$0.01430 | | \$0 | \$0.00390 | 37.5% |
| 42 | Usage Charge for CA \$/th | | \$0.01095 | | | \$0.01508 | | \$0 | \$0.00413 | 37.7% |
| 43 | Class Average Volumetric Rate (CA) \$/th | | \$0.02134 | | | \$0.02937 | | \$0 | \$0.00803 | 37.6% |
| 44 | (-1.) (-1.) | | | | | V | | 1 | | 2 |
| 45 | 115% CA (for NonBypass Volumetric NV) \$/th | | \$0.02439 | | | \$0.03363 | | \$0 | \$0.00923 | 37.9% |
| 46 | 135% CA (for Bypass Volumetric BV) \$/th | | \$0.02846 | | | \$0.03930 | | \$0 | \$0.01084 | 38.1% |
| 47 | | | | | | | | | | |
| 48 | Other Adjustments: | | | | | | ļ | | | |
| 49 | California Air Resources Board (CARB) Fee Credit \$/th | | (\$0.00100) | | | (\$0.00101) | | | (\$0.00001) | 1.2% |
| 50 | Greenhouse Gas (GHG) Fee Credit \$/th | | \$0.00000 | | | \$0.00000 | | | \$0.00000 | |
| 51 | | | | | | | | | | |
| 52 | Rate Excluding CSITMA, CARB, GHG Fee, & Uncollectibles (applicable to Wholesale & | & Internation | <u>nal):</u> | | | | ļ | | | |
| 53 | Reservation Service Option (RS): | l | | | | | | | | |
| 54 | Daily Reservation rate \$/th/day | | \$0.00669 | | | \$0.00960 | | | \$0.00292 | 43.6% |
| 55 | Usage Charge for RS \$/th | | \$0.00991 | | | \$0.01402 | | | \$0.00411 | 41.4% |
| 56 | Class Average Volumetric Rate (CA) | | | | | | | | | |
| 57 | Volumetric Rate \$/th | | \$0.01036 | | | \$0.01425 | | | \$0.00389 | 37.5% |
| 58 | Usage Charge for CA \$/th | | \$0.00991 | | | \$0.01402 | | | \$0.00411 | 41.4% |
| 59 | Class Average Volumetric Rate (CA) \$/th | | \$0.02028 | | | \$0.02827 | | | \$0.00799 | 39.4% |
| 60 | | | | | | | | | | |
| 61 | 115% CA (for NonBypass Volumetric NV) \$/th | | \$0.02332 | | | \$0.03251 | | | \$0.00919 | 39.4% |
| 62 | 135% CA (for Bypass Volumetric BV) \$/th | | \$0.02738 | | | \$0.03817 | | | \$0.01079 | 39.4% |
| 63 | Total Transmission Level Service (WS & Int'I) | 325,403 | \$0.02035 | \$6,623 | 359,267 | \$0.02837 | \$10,193 | \$3,570 | \$0.00802 | 39.4% |
| 64 | | | | | | | | | | |
| 65 | Average Transmission Level Service | 3,378,340 | \$0.02135 | \$72,116 | 3,231,682 | \$0.02937 | \$94,901 | \$22,784 | \$0.00802 | 37.6% |
| | | | | | | | | | | |

TABLE 8 Backbone Transmission Service and Storage Rates Southern California Gas Company

| | | | Present Rate | es | Prop | osed Rates | | Chan | ges | |
|----|--|----------|--------------|-----------|-----------|------------|-----------|------------|-------------|--------|
| | | Jul-1-18 | Average | Jul-1-18 | Jan-1-20 | | Jan-1-20 | Revenue | Rate | % Rate |
| | | Volumes | Rate | Revenue | Volumes | Rate | Revenue | Change | Change | change |
| | | Mth | \$/th | \$000's | Mth, Mdth | \$/th | \$000's | \$000's | \$/th | % |
| | | Α | В | С | D | E | F | G | Н | 1 |
| | | | | | | | | | | |
| 1 | Backbone Transmission Service BTS | | | | | | | | | |
| 2 | BTS SFV Reservation Charge \$/dth/day | 2,690 | \$0.26353 | \$258,736 | 2,690 | \$0.26245 | \$257,673 | (\$1,063) | (\$0.00108) | -0.4% |
| 3 | BTS MFV Reservation Charge \$/dth/day | | \$0.21083 | | | \$0.20996 | | | | |
| 4 | BTS MFV Volumetric Charge \$/dth | | \$0.05271 | | | \$0.05249 | | | | |
| 5 | BTS Interruptible Volumetric Charge \$/dth | | \$0.26353 | | | \$0.26245 | | | (\$0.00108) | -0.4% |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | Storage Costs: (incl. HRSMA) | | | | | | | | | |
| 9 | Core \$000 | | | \$59,943 | | | \$93,797 | \$33,854 | | |
| 10 | Load Balancing \$000 | | | \$27,353 | | | \$70,614 | \$43,261 | | |
| 11 | Unbundled Storage \$000 | | | \$23,290 | | | \$0 | (\$23,290) | | |
| 12 | | | | \$110,586 | | | \$164,411 | \$53,825 | | |

See footnotes, Table 1.

- 1) CSITMA NCCI and EG TLS Tariff rates include CSITMA. Customers exempt (Constitutional Exempt and EG) receive Transportation Charge Adjustment (TCA).
- 2) CARB Fee TLS NCCI, EOR and EG Tariff rates include CSITMA. TLS NCCI, EOR and EG customers exempt as they pay CARB Fees directly receive credit.
- 3) Wholesale Customers excludes CSITMA and CARB Fee since these customers are exempt.

Revenue Check of Base Margin, Revenue Requirement and Rates 2020 TCAP Application

| Base Margin in Transprtation rates | | | \$000's | | | |
|--|---|-----------|--|---|----------------------------|-----|
| Authorized Base Margin | | | \$2,105,281 | | | |
| 2017 attrition w/ffu | | | \$74,033 | | | |
| 2018 attrition w/ffu | | | \$76,618 | | | |
| Cost of Capital Adjustment | | | (\$30,324) | | | |
| Deferred Gain on Sale Amortization | | | \$0 | | | |
| Base Margin | | _ | \$2,225,608 | _ | | |
| Adjustments to Base Margin | | | | | | |
| AB32 Fees | (\$4,536) | 101.74% | (\$4,615) | Cost Alloc | | |
| Brokerage Fee | , | | (\$7,927) | Misc Inputs | | |
| | | _ | \$2,213,066 | <u> </u> | | |
| Adjustment to Storage | | | \$0 | | | |
| | \$0 | 101.74% | \$0 | | | |
| Aliso Canyon | \$32,856 | 101.74% | \$33,426 | Fung TCAP Testimony | | |
| Base Margin in Transportation Rates (v | v/FFU; Pre SI/BTS) \$ | 0000 | \$2,246,492 | Cost Alloc = | \$2,246,492 | \$0 |
| | • | 0 | \$2,246,492 | | | |
| Base Margin in Transportation Rates (w/F | • | 0 | \$2,246,492 | | | |
| <u> </u> | • | 0 | \$2,246,492 (\$176,587) | Cost Alloc | | |
| Base Margin in Transportation Rates (w/F System Integration: | • | 0 | | Cost Alloc Cost Alloc | | |
| Base Margin in Transportation Rates (w/F System Integration: Less Backbone Transmission Costs Less Local Transmission Costs Plus Backbone Transmission Costs w/S | FU; Pre SI/BTS) \$000 | 0 | (\$176,587) (\$71,956) \$0 | Cost Alloc Cost Alloc | | |
| Base Margin in Transportation Rates (w/F System Integration: Less Backbone Transmission Costs Less Local Transmission Costs Plus Backbone Transmission Costs w/S Plus Local Transmission Costs w/SI | FU; Pre SI/BTS) \$000 | 0 | (\$176,587) (\$71,956) \$0 \$63,771 | Cost Alloc Cost Alloc Cost Alloc | | |
| Base Margin in Transportation Rates (w/F System Integration: Less Backbone Transmission Costs Less Local Transmission Costs Plus Backbone Transmission Costs w/S Plus Local Transmission Costs w/SI Plus Unbundled BBT amount w/FFU | FU; Pre SI/BTS) \$000 | 0 | (\$176,587) (\$71,956) \$0 \$63,771 \$191,208 | Cost Alloc Cost Alloc | | |
| Base Margin in Transportation Rates (w/F System Integration: Less Backbone Transmission Costs Less Local Transmission Costs Plus Backbone Transmission Costs w/S Plus Local Transmission Costs w/SI | FU; Pre SI/BTS) \$000 | 0 | (\$176,587) (\$71,956) \$0 \$63,771 | Cost Alloc Cost Alloc Cost Alloc | | |
| Base Margin in Transportation Rates (w/F System Integration: Less Backbone Transmission Costs Less Local Transmission Costs Plus Backbone Transmission Costs w/S Plus Local Transmission Costs w/SI Plus Unbundled BBT amount w/FFU System Integration less Unbundled BBT amount w/FFU | FU; Pre SI/BTS) \$000 | <u>-</u> | (\$176,587) (\$71,956) \$0 \$63,771 \$191,208 \$6,436 | Cost Alloc Cost Alloc Cost Alloc Cost Alloc | | |
| Base Margin in Transportation Rates (w/F System Integration: Less Backbone Transmission Costs Less Local Transmission Costs Plus Backbone Transmission Costs w/S Plus Local Transmission Costs w/SI Plus Unbundled BBT amount w/FFU System Integration less Unbundled BBT amount w/FFU | FU; Pre SI/BTS) \$000 | <u>-</u> | (\$176,587) (\$71,956) \$0 \$63,771 \$191,208 \$6,436 | Cost Alloc Cost Alloc Cost Alloc | \$2,061,720 | \$0 |
| Base Margin in Transportation Rates (w/F System Integration: Less Backbone Transmission Costs Less Local Transmission Costs Plus Backbone Transmission Costs w/S Plus Local Transmission Costs w/SI Plus Local Transmission Costs w/FU System Integration less Unbundled BBT amount w/FFU Total Allocated Base Margin post-SI, pos | FU; Pre SI/BTS) \$000 | <u>-</u> | (\$176,587) (\$71,956) \$0 \$63,771 \$191,208 \$6,436 (\$191,208) \$2,061,720 \$63,534 | Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc cost allocation Tab = Cost Alloc | \$2,061,720 | \$0 |
| Base Margin in Transportation Rates (w/F System Integration: Less Backbone Transmission Costs Less Local Transmission Costs Plus Backbone Transmission Costs w/S Plus Local Transmission Costs w/SI Plus Local Transmission Costs w/SI Plus Unbundled BBT amount w/FFU System Integration less Unbundled BBT amount w/FFU Total Allocated Base Margin post-SI, pos Other Operating Costs and Revenues Regulatory Accounts | FU; Pre SI/BTS) \$000 | <u>-</u> | (\$176,587) (\$71,956) \$0 \$63,771 \$191,208 \$6,436 (\$191,208) \$2,061,720 \$63,534 \$268,066 | Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc | \$2,061,720 | \$0 |
| Base Margin in Transportation Rates (w/F System Integration: Less Backbone Transmission Costs Less Local Transmission Costs Plus Backbone Transmission Costs w/S Plus Local Transmission Costs w/SI Plus Local Transmission Costs w/SI Plus Unbundled BBT amount w/FFU System Integration less Unbundled BBT amount w/FFU Total Allocated Base Margin post-SI, pos Other Operating Costs and Revenues Regulatory Accounts Core Interstate Pipeline Demand Charges | FU; Pre SI/BTS) \$000 | <u>-</u> | (\$176,587) (\$71,956) \$0 \$63,771 \$191,208 \$6,436 (\$191,208) \$2,061,720 \$63,534 \$268,066 \$0 | Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc | \$2,061,720 | \$0 |
| Base Margin in Transportation Rates (w/F System Integration: Less Backbone Transmission Costs Less Local Transmission Costs Plus Backbone Transmission Costs w/S Plus Local Transmission Costs w/S Plus Local Transmission Costs w/SI Plus Unbundled BBT amount w/FFU System Integration less Unbundled BBT amount w/FFU Total Allocated Base Margin post-SI, pos Other Operating Costs and Revenues Regulatory Accounts Core Interstate Pipeline Demand Charges EOR Revenue allocated to Other Classes | FU; Pre SI/BTS) \$000 SI st-BTS Unbundle, w/ F s (IPDC) | <u>-</u> | (\$176,587) (\$71,956) \$0 \$63,771 \$191,208 \$6,436 (\$191,208) \$2,061,720 \$63,534 \$268,066 \$0 (\$14,964) | Cost Alloc Cost Alloc Cost Alloc Cost Alloc cost allocation Tab = Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc | \$2,061,720 | \$0 |
| Base Margin in Transportation Rates (w/F System Integration: Less Backbone Transmission Costs Less Local Transmission Costs Plus Backbone Transmission Costs w/S Plus Local Transmission Costs w/S Plus Local Transmission Costs w/SI Plus Unbundled BBT amount w/FFU System Integration less Unbundled BBT amount w/FFU Total Allocated Base Margin post-SI, pos Other Operating Costs and Revenues Regulatory Accounts Core Interstate Pipeline Demand Charges EOR Revenue allocated to Other Classes EOR Costs allocated to Other Classes \$0 | FU; Pre SI/BTS) \$000 SI st-BTS Unbundle, w/ F s (IPDC) | <u>-</u> | (\$176,587) (\$71,956) \$0 \$63,771 \$191,208 \$6,436 (\$191,208) \$2,061,720 \$63,534 \$268,066 \$0 (\$14,964) \$0 | Cost Alloc Cost Alloc Cost Alloc Cost Alloc cost allocation Tab = Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc | \$2,061,720 | \$0 |
| Base Margin in Transportation Rates (w/F System Integration: Less Backbone Transmission Costs Less Local Transmission Costs Plus Backbone Transmission Costs w/S Plus Local Transmission Costs w/SI Plus Unbundled BBT amount w/FFU System Integration less Unbundled BBT amount w/FFU Total Allocated Base Margin post-SI, pos Other Operating Costs and Revenues Regulatory Accounts Core Interstate Pipeline Demand Charges EOR Revenue allocated to Other Classes EOR Costs allocated to Other Classes \$0 | FU; Pre SI/BTS) \$000 SI st-BTS Unbundle, w/ F s (IPDC) | <u>-</u> | (\$176,587) (\$71,956) \$0 \$63,771 \$191,208 \$6,436 (\$191,208) \$2,061,720 \$63,534 \$268,066 \$0 (\$14,964) | Cost Alloc Cost Alloc Cost Alloc Cost Alloc cost allocation Tab = Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc | \$2,061,720 | \$0 |
| Base Margin in Transportation Rates (w/F System Integration: Less Backbone Transmission Costs Less Local Transmission Costs Plus Backbone Transmission Costs w/S Plus Local Transmission Costs w/S Plus Unbundled BBT amount w/FFU System Integration less Unbundled BBT amount w/FFU Total Allocated Base Margin post-SI, pos Other Operating Costs and Revenues Regulatory Accounts Core Interstate Pipeline Demand Charges EOR Revenue allocated to Other Classes EOR Costs allocated to Other Classes EOR Costs allocated to Other Classes Gas Engine Rate CAP adjustment adjustment \$000 | FU; Pre SI/BTS) \$000 SI st-BTS Unbundle, w/ F s (IPDC) s \$000 | - FU - | (\$176,587) (\$71,956) \$0 \$63,771 \$191,208 \$6,436 (\$191,208) \$2,061,720 \$63,534 \$268,066 \$0 (\$14,964) \$0 | Cost Alloc Cost Alloc Cost Alloc Cost Alloc cost allocation Tab = Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc | \$2,061,720 \$2,378,355 | |
| Base Margin in Transportation Rates (w/F System Integration: Less Backbone Transmission Costs Less Local Transmission Costs Plus Backbone Transmission Costs w/S Plus Local Transmission Costs w/S Plus Unbundled BBT amount w/FFU System Integration less Unbundled BBT amount w/FFU Total Allocated Base Margin post-SI, pos Other Operating Costs and Revenues Regulatory Accounts Core Interstate Pipeline Demand Charges EOR Revenue allocated to Other Classes EOR Costs allocated to Other Classes EOR Costs allocated to Other Classes Gas Engine Rate CAP adjustment adjustment \$000 | FU; Pre SI/BTS) \$000 SI st-BTS Unbundle, w/ F s (IPDC) s \$000 | - FU - | (\$176,587) (\$71,956) \$0 \$63,771 \$191,208 \$6,436 (\$191,208) \$2,061,720 \$63,534 \$268,066 \$0 (\$14,964) \$0 \$0 | Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc | | |
| Less Backbone Transmission Costs Less Local Transmission Costs Plus Backbone Transmission Costs w/S Plus Local Transmission Costs w/S Plus Local Transmission Costs w/S Plus Unbundled BBT amount w/FFU System Integration less Unbundled BBT amount w/FFU Total Allocated Base Margin post-SI, pos Other Operating Costs and Revenues Regulatory Accounts Core Interstate Pipeline Demand Charges EOR Revenue allocated to Other Classes EOR Costs allocated to Other Classes EOR Costs allocated to Other Classes Gas Engine Rate CAP adjustment adjustment \$000 Transport Rev Req w/SI, FFU, EOR Cr v | FU; Pre SI/BTS) \$000 SI St-BTS Unbundle, w/ F St (IPDC) St \$000 St (IPDC) | - FU - | (\$176,587) (\$71,956) \$0 \$63,771 \$191,208 \$6,436 (\$191,208) \$2,061,720 \$63,534 \$268,066 \$0 (\$14,964) \$0 \$0 | Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc Cost Alloc | | \$6 |

| Final Revenue Requirement in Rate Tables w/oBBT Revenue \$2 | | Rate Table Total = | \$2,377,793 | \$0 |
|---|-------------|--------------------|-------------|-----|
| Est BBT Revenue- \$000 | \$257,673 | Cost Alloc | | |
| Final Revenue Requirement in Rate Tables w/BBT Revenue | \$2,635,467 | Rate Table Total = | \$2,635,467 | \$0 |

| Summary of Transmission Costs | SCG | SDGE | Total | Source |
|--|-------------|------------|-------------|------------|
| Base Margin in Transport (w/FFU; Pre SI/BTS) \$000 | \$2,246,492 | \$323,020 | \$2,569,512 | |
| | | | | |
| Net SI w/FFU: | | | | |
| Remove Local-T | (\$71,956) | \$0 | (\$71,956) | SI & BTS |
| Remove BBT | (\$176,587) | (\$40,564) | (\$217,151) | SI & BTS |
| add integrated Local-T | \$63,771 | \$8,230 | \$72,001 | SI & BTS |
| add integrated BBT | \$0 | \$0 | \$0 | SI & BTS |
| add BBT Unbundled Amount | \$216,930 | | \$216,930 | SI & BTS |
| net system integration excl fuel, w/BTS | \$32,158 | (\$32,334) | (\$176) | |
| remove BTS Unbundled Amount | (\$216,930) | \$0 | (\$216,930) | |
| Base Margin (Post-SI, BTS; w/FFU) | \$2,061,720 | \$290,686 | \$2,352,406 | |
| | \$2,061,720 | \$290,686 | \$2,352,406 | Cost Alloc |
| | \$0 | \$0 | \$0 | |

| ummary of System Throughput: | Mth/yr | Source |
|--|-----------|---------------|
| SCG's Demand FC for System Throughput mth/yr | 9,350,960 | Alloc Factors |
| Total Table 1 | 9,142,019 | Rate Tables |
| plus EOR | 208,941 | Rate Tables |
| | 9,350,960 | |

| Summary of TLS Revenue: | SCG | SDGE | total | over (under) collection | revenue collected | Source |
|-------------------------|----------|----------|----------------|----------------------------|----------------------|----------|
| PreTLS Costs | \$90,970 | \$14,307 | \$105,276 | | | TLS Rate |
| TLS Revenue | \$91,688 | \$13,588 | \$105,276 | \$0 | \$105,276 | TLS Rate |
| net TLS cost | \$719 | (\$719) | \$0 | | | |
| | | | Costs Allocate | ed to TLS class = | \$105,276 | |
| | | | (under |) over collected = | \$0 | |

Summary of Rate Table 1

| | | A (w/o BTS, TLS,SW) | B=SW Adj | C=A+B (w/o BTS, TLS) | D=TLS | E=C+D (w/o BTS) | F=BTS | Total G=E+F |
|---|-----------|------------------------|-----------|-------------------------|-----------|-----------------|-----------|-------------|
| Core | _ | \$2,151,443 | (\$292) | \$2,151,151 | | \$2,151,151 | \$101,685 | \$2,252,836 |
| NCCI-D | | \$77,712 | | \$77,712 | | \$77,712 | | |
| NCCI-T | | \$14,063 | | \$14,063 | \$5,635 | \$19,698 | | |
| | _ | \$91,775 | | \$91,775 | \$5,635 | \$97,410 | \$41,250 | \$138,660 |
| SDGE Wholesale | \$193,296 | \$24,555 | | \$24,555 | | \$24,555 | \$30,553 | |
| | _ | \$116,330 | \$0 | \$116,330 | \$5,635 | \$121,965 | \$71,803 | \$193,768 |
| EG-D | | \$30,463 | (\$989) | \$29,474 | | \$29,474 | | |
| EG-T | | \$71,058 | | \$71,058 | (\$6,048) | \$65,010 | | |
| | | \$101,521 | (\$989) | \$100,533 | (\$6,048) | \$94,484 | \$68,607 | \$163,091 |
| Wholesale (exclude SDGE) | \$6,719 | \$6,719 | | \$6,719 | \$175 | \$6,893 | \$6,922 | \$13,815 |
| Ecogas | | \$2,342 | | \$2,342 | \$957 | \$3,300 | \$3,095 | \$6,395 |
| TBS | | \$0 | | \$0 | | \$0 | | \$0 |
| EOR | | | | | | | \$5,561 | \$5,561 |
| Transport Rev Req \$000/yr | | \$2,378,355 | (\$1,281) | \$2,377,074 | \$719 | \$2,377,793 | \$257,673 | \$2,635,467 |
| Table 1 Total Revenue (Incl SI, BTS, TLS, SW Adj) = | | \$2,378,355 | | | | \$2,377,793 | | \$2,635,467 |
| | _ | \$0 | = | | | \$0 | | \$0 |

A = Transport Rev Req w/ FFU, EOR Cr, SI; w/o BTS revenue, TLS, SW

B = Sempra Wide Adjustments

C = Transport Rev Req w/ FFU, EOR Cr, SI, SW; w/o BTS revenue, TLS

D = TLS Revenue (revenue from SCG's NCCI-T, EG-T, LB, Vernon, SWG, DGN; Excludes TLS revenue from SDGE's NCCI-T and EG-T customers)

E = Transport Rev Req w/ FFU, EOR Cr, SI, SW, TLS; w/o BTS revenue

F = Estimated BTS Charge paid by SCG customers (excludes BTS payments by SDGE's customers)

G = Total System Transportation Revenue per Table 1 includes SI, TLS, SW, BTS revenue

| Summary | of Rate | tables | 2 thru | 5 |
|---------|---------|--------|--------|---|
|---------|---------|--------|--------|---|

| Table 2 - Core Res & Core C&I: | | | | | |
|--|-------------|-------------------|-------------|--------|--|
| Residential Service \$000 | \$1,743,897 | Rate Tables | | | |
| Core C&I Service \$000 | \$377,357 | Rate Tables | | | |
| Table 3 - other Core service: | | | | | |
| SW NGV \$000 | \$26,192 | Rate Tables | | | |
| Gas AC \$000 | \$66 | Rate Tables | | | |
| Gas Engine \$000 | \$3,639 | Rate Tables | | | |
| CORE | \$2,151,151 | _ _ | | | |
| Table 4 - NonCore C&I and EG: | | | | | |
| NCCI \$000 | \$98,045 | Rate Tables | | | |
| Sw-EG \$000 | \$93,849 | Rate Tables | | | |
| Total NCCI & EG | \$191,894 | | | | |
| Less NCCI Transmission Level Included in Table 5 | (\$20,333) | Rate Tables | | | |
| Less EG Transmisison Level Included in Table 5 | (\$64,375) | Rate Tables | | | |
| Total NCCI-D and EG-D only | \$107,186 | - | | | |
| Table 5 - Transmission Level Service | \$94,901 | Rate Tables | | | |
| SDGE Wholesale Charge for Core & Dist on table 1 | \$24,555 | Rate Tables | | | |
| UBS \$000 | \$0 | Rate Tables | | | |
| System Total Rev Req w/SI, TLS, SW adj w/o BTS \$000 | \$2,377,793 | Rev Req w/o BTS = | \$2,377,793 | \$0.00 | |
| Est BTS Revenue - \$000 | \$257,673 | Rate Tables | | | |
| System Total Rev Req w/SI, TLS, SW adj & BTS \$000 | \$2,635,467 | Rev Reg w/BTS = | \$2,635,467 | \$0.00 | |
| System Total Rev Req w/SI, TLS, SW adj & BTS \$000 | \$2,635,467 | Rev Reg w/BTS = | \$2,635,467 | \$0.00 | |

| Comparison SCG & SDGE revenue requirements | SCG | SDGE | SEU | Source |
|---|-------------|------------|-------------|--------------------|
| Authorized Base Margin in 2012GRC (excl misc revenue) \$000 | \$2,105,281 | \$304,021 | \$2,409,302 | SDGE/Revenue Check |
| attrition & other adjustments | \$120,327 | \$18,999 | \$139,326 | |
| Current Authorized Base Margin | \$2,225,608 | \$323,020 | \$2,548,628 | SDGE/Revenue Check |
| Remove Broker Fee | (\$7,927) | | (\$7,927) | |
| Remove AB32 Admin Fee from Base Margin | (\$4,615) | | (\$4,615) | |
| Adjustment to Storage for Aliso Canyon | \$0 | | \$0 | |
| ACTR | \$33,426 | | | |
| Unbundled BTS amount | (\$216,930) | \$0 | (\$216,930) | |
| Net System Integration | \$32,158 | (\$32,334) | (\$176) | |
| Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$2,061,720 | \$290,686 | \$2,352,406 | = |
| | | | | |
| Other Operate Costs | \$63,534 | \$27,612 | \$91,146 | SDGE/Revenue Check |
| Regulatory Accounts | \$268,066 | \$61,061 | \$329,126 | SDGE/Revenue Check |
| EOR Revenue allocated to Other Classes \$000 | (\$14,964) | | (\$14,964) | |
| SW NGV & EG Adjustment | (\$1,281) | \$1,288 | \$7 | SDGE/Revenue Check |
| Net TLS Adjustment | \$719 | (\$719) | \$0 | SDGE/Revenue Check |
| Revenue Requirement w/oBTS | \$2,377,793 | \$379,928 | \$2,757,721 | - |
| BTS Revenue - \$000 | \$257,673 | | \$257,673 | |
| Revenue Requirement w/BTS | \$2,635,467 | \$379,928 | \$3,015,394 | = |
| | \$2,635,467 | \$379,928 | \$3,015,394 | Rate Tables |
| | \$0 | <i>\$0</i> | <i>\$0</i> | |

| | without FFU | | | wit | h FFU | | | |
|--|-------------|------------|------------------------|-------------|------------|-----------|------------------------|--|
| SCG/SDGE Transfer Payment for SI & BTS: | SCG | SDGE | SEU | SCG | SDGE | SEU | Source | |
| FFU Rate Gross-to-Net Ratio | 98.2926% | 97.7569% | | 101.7370% | 102.2946% | | MISC Input | |
| Pre-SI Costs: | | | | | | | | |
| Backbone Transmission Cost | \$176,587 | \$40,564 | \$217,151 | \$176,587 | \$40,564 | \$217,151 | SI & BTS | |
| Local Transmission Cost | \$71,956 | \$0 | \$71,956 | \$71,956 | \$0 | \$71,956 | SI & BTS | |
| Transmission Costs | \$248,543 | \$40,564 | \$289,107 | \$248,543 | \$40,564 | \$289,107 | | |
| Fuel | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | In-Kind Charge per BTS | |
| Total Pre-SI Costs | \$248,543 | \$40,564 | \$289,107 | \$248,543 | \$40,564 | \$289,107 | _ | |
| Post-SI Costs: | | | | | | | | |
| Backbone Transmission Cost | \$216,930 | \$0 | \$216,930 | \$216,930 | \$0 | \$216,930 | SI & BTS | |
| Local Transmission Cost | \$63,771 | \$8,185 | \$71,956 | \$63,771 | \$8,185 | \$71,956 | SI & BTS | |
| Transmission Costs | \$280,701 | \$8,185 | \$288,886 | \$280,701 | \$8,185 | \$288,886 | | |
| Fuel | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | In-Kind Charge per BTS | |
| Total Post SI Costs | \$280,701 | \$8,185 | \$288,886 | \$280,701 | \$8,185 | \$288,886 | | |
| SI/BTS Transfer \$000 | \$32,158 | (\$32,379) | (\$221) | \$32,158 | (\$32,379) | (\$221) | <u> </u> | |
| Other Sempra Wide Rate Adjustments: | | | | | | | | |
| SW NGV | (\$287) | \$287 | (\$0) | (\$292) | \$294 | \$2 | Rate Tables | |
| SW EG-D | (\$972) | \$972 | (\$0) | (\$989) | \$994 | \$5 | Rate Tables | |
| SW TLS | \$706 | (\$703) | \$4 | \$719 | (\$719) | (\$0) | Cost Alloc | |
| Total Other Sempra Wide Rate Adjustments | (\$552) | \$556 | \$4 | (\$562) | \$569 | \$7 | | |
| TIMPBA | | | | | | | | |
| Pre-SI | \$21,485 | \$3,162 | \$24,646 | \$21,858 | \$3,234 | \$25,092 | TIMPBA | |
| File = 2020 TCAP SCG RD Model | | Chaudhur | y SCG Workpapers - Pag | e 30 of 256 | | Ta | ab = Revenue Check | |

| Post-SI | \$23,817 | \$830 | \$24,646 | \$24,231 | \$849 | \$25,079 | |
|--|-----------|------------|----------|----------|------------|-----------------|---------------|
| TIMPBA Transfer \$000 | \$2,332 | (\$2,332) | \$0 | \$2,372 | (\$2,385) | (\$13) | |
| Pipeline Safety Accounts -Local Transmission | | | | | | | |
| Pre-SI | \$17,990 | \$0 | \$17,990 | \$15,923 | \$0 | \$15,923 | PSEP Accounts |
| Post-SI | \$15,652 | \$2,339 | \$17,990 | \$15,923 | \$2,392 | \$18,316 | |
| Pipeline Safety Accounts - Local T \$000 | (\$2,339) | \$2,339 | \$0 | \$0 | \$2,392 | \$2,392 | |
| Pipeline Safety Accounts - Backbone Transmission | | | | | | | |
| Pre-SI | \$30,792 | \$234 | \$31,027 | \$31,327 | \$240 | \$31,567 | PSEP Accounts |
| Post-SI | \$31,027 | \$0 | \$31,027 | \$31,566 | \$0 | \$31,566 | |
| Pipeline Safety Accounts\$000 | \$234 | (\$234) | \$0 | \$238 | (\$240) | (\$1) | |
| Total Transfer \$000 | \$31,833 | (\$32,050) | (\$217) | \$34,207 | (\$32,043) | \$2,165 | <u>—</u> |
| | +,000 | (+==,000) | (+) | 70.,20. | (+==,• :•) | +-1, | _ |

COST COMPONENTS \$000's

Base Margin Costs:

Customer Cost w/o SA \$000

Medium Pressure Distribution Costs

High Pressure Distribution Costs

Backbone Transmission Costs

Local Transmission Costs

Storage - Seasonal

Storage - Load Balancing

Storage - TBS

Uncollectibles

NGV Compression Costs:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU

Less Backbone Transmission Costs

Less Local Transmission Costs

Plus Local Transmission Costs w/SI, FFU

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

| | | Add FFU Y |
|---|-----------|-----------|
| Other Operating Costs and Revenues | Non-ECPT? | or N? |
| AB32 Fees (subtracted from base margin and allocated here) | | Υ |
| n/a | | |
| Company Use Gas: Other | | Υ |
| Company Use Gas: Storage Load Balancing | | N |
| AMI | Y | Υ |
| Exchange Revenues & Interutility Transactions | | N |
| Fuel Cell Equipment Revenues | Y | Υ |
| Marketing: DSM Program Awards | | Υ |
| Unaccounted For (UAF) Gas | | Υ |
| n/a | | |
| Well Incidents & Surface Leaks | | Υ |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requirer | ment | Υ |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | | Υ |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | | Υ |

Subtotal Other Operating Costs and Revenues

SoCalGas Cost Allocation 2020 TCAP Application

COST COMPONENTS \$000's

Base Margin Costs:

Customer Cost w/o SA \$000

Medium Pressure Distribution Costs

High Pressure Distribution Costs

riigir r ressure Distribution Cost

Backbone Transmission Costs

Local Transmission Costs

Storage - Seasonal

Storage - Load Balancing

Storage - TBS

Uncollectibles

NGV Compression Costs:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU

Less Backbone Transmission Costs

Less Local Transmission Costs

Plus Local Transmission Costs w/SI, FFU

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

| Other Operating Costs and Revenues | Amount to Allocate (w/o F&U) |
|---|------------------------------|
| AB32 Fees (subtracted from base margin and allocated here) | \$4,536 |
| n/a | |
| Company Use Gas: Other | \$992 |
| Company Use Gas: Storage Load Balancing | \$979 |
| AMI | \$31,235 |
| Exchange Revenues & Interutility Transactions | \$343 |
| Fuel Cell Equipment Revenues | \$0 |
| Marketing: DSM Program Awards | \$0 |
| Unaccounted For (UAF) Gas | \$24,272 |
| n/a | |
| Well Incidents & Surface Leaks | \$125 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requiren | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 |
| Subtotal Other Operating Costs and Revenues | \$62,482 |

| | | | | | | | | | | | Total | | |
|---|-------------|----------------|--------------|---------|-----------|-------------|----------------------|--------------|-------------|-------------|--------------------|-----------|------------|
| COST COMPONENTS \$000's | | Core C&I | NR A/C | 0 5 | NGV | Total Core | Non Core C&I | EG Tier 1 | EG Tier 2 | EOR | Retail Non Core | Long | 00005 |
| Base Margin Costs: | Res | Core C&I | NK A/C | Gas Eng | NGV | Total Core | Cai | EG Her i | EG Her 2 | EUR | Core | Beach | SDG&E |
| Customer Cost w/o SA \$000 | \$1,051,452 | \$187,700 | \$17 | \$8,012 | \$10,784 | \$1,257,964 | \$20,463 | \$5,255 | \$6,441 | \$1,797 | \$33,956 | \$490 | \$875 |
| Medium Pressure Distribution Costs | \$288,483 | \$65,399 | \$6 | \$313 | \$2,360 | \$356,561 | \$11,931 | \$2,356 | \$1,885 | \$43 | \$16,216 | \$0 | \$0 |
| High Pressure Distribution Costs | \$95,956 | \$28,541 | \$6 | \$225 | \$2,904 | \$127,633 | \$19,392 | \$1,835 | \$4,972 | \$3,148 | \$29,347 | \$0 | \$0 |
| Backbone Transmission Costs | \$47,092 | \$18,853 | \$8 | \$406 | \$3,257 | \$69,617 | \$28,241 | \$1,779 | \$45,192 | \$3,807 | \$79,019 | \$1,574 | \$21,093 |
| Local Transmission Costs | \$26,588 | \$7,960 | \$2 | \$66 | \$996 | \$35,611 | \$9,491 | \$528 | \$14,150 | \$1,201 | \$25,370 | \$715 | \$8,246 |
| | \$67,728 | \$13,330 | \$Z \$7 | \$398 | \$813 | \$82,275 | \$9,491 | \$0 | \$14,150 | \$0 | \$0 | \$0 | \$11,522 |
| Storage - Seasonal | \$17,719 | \$7,496 | \$7 \$3 | \$168 | \$1,350 | \$26,737 | \$11,673 | \$737 | \$18,729 | \$1,578 | \$32,717 | \$601 | \$8,447 |
| Storage - Load Balancing | \$17,719 | \$7,490 \$0 | \$3 \$0 | \$100 | | \$20,737 | \$11,073 | \$737 \$0 | \$18,729 | \$1,576 | | \$0 | |
| Storage - TBS | • - | • - | • - | • - | \$0 | • - | | • - | * - | | \$0 | | \$0 |
| Uncollectibles | \$4,940 | \$1,020 | \$0 | \$30 | \$70 | \$6,059 | \$313 | \$39 | \$283 | \$0 | \$635 | \$0 | \$0 |
| NGV Compression Costs: | \$0 | \$0 | \$0 | \$0 | \$2,964 | \$2,964 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$1,599,957 | \$330,299 | \$49 | \$9,618 | \$25,499 | \$1,965,422 | \$101,505 | \$12,530 | \$91,652 | \$11,574 | \$217,261 | \$3,380 | \$50,183 |
| Less Backbone Transmission Costs | (\$47,092) | (\$18,853) | (\$8) | (\$406) | (\$3,257) | (\$69,617) | (\$28,241) | (\$1,779) | (\$45,192) | (\$3,807) | (\$79,019) | (\$1,574) | (\$21,093) |
| Less Local Transmission Costs | (\$26,588) | (\$7,960) | (\$2) | (\$66) | (\$996) | (\$35,611) | (\$9,491) | (\$528) | (\$14,150) | (\$1,201) | (\$25,370) | (\$715) | (\$8,246) |
| Plus Local Transmission Costs w/SI, FFU | \$26,613 | \$7,968 | \$2 | \$66 | \$997 | \$35,645 | \$9,500 | \$529 | \$14,164 | \$1,202 | \$25,394 | \$716 | \$0 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$1,552,890 | \$311,454 | \$41 | \$9,212 | \$22,242 | \$1,895,838 | \$73,273 | \$10,751 | \$46,474 | \$7,768 | \$138,266 | \$1,807 | \$20,844 |
| | | | | | | | | | | | | | |
| Other Operating Costs and Revenues | | | | | | | | | | | | | |
| AB32 Fees (subtracted from base margin and allocated here) | \$1,789 | \$757 | \$0 | \$17 | \$136 | \$2,700 | \$1,179 | \$70 | \$666 | \$0 | \$1,915 | \$0 | \$0 |
| n/a | | | | | | | | | | | | | |
| Company Use Gas: Other | \$253 | \$107 | \$0 | \$2 | \$19 | \$382 | \$167 | \$11 | \$268 | \$22 | \$467 | \$9 | \$120 |
| Company Use Gas: Storage Load Balancing | \$246 | \$104 | \$0 | \$2 | \$19 | \$370 | \$162 | \$10 | \$260 | \$22 | \$453 | \$8 | \$117 |
| AMI | \$30,272 | \$1,499 | \$0 | \$5 | \$1 | \$31,778 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Exchange Revenues & Interutility Transactions | \$93 | \$37 | \$0 | \$1 | \$6 | \$138 | \$56 | \$4 | \$90 | \$0 | \$149 | \$3 | \$42 |
| Fuel Cell Equipment Revenues | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Marketing: DSM Program Awards | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Unaccounted For (UAF) Gas | \$11.635 | \$4.923 | \$2 | \$111 | \$886 | \$17,557 | \$1,899 | \$120 | \$3,046 | \$252 | \$5,317 | \$98 | \$1,370 |
| n/a | * , = = = | ¥ ·, | - | **** | * | * , = = . | + · , | Ŧ: | | | +-,- . | | ¥ -, |
| Well Incidents & Surface Leaks | \$33 | \$14 | \$0 | \$0 | \$2 | \$49 | \$22 | \$1 | \$35 | \$0 | \$57 | \$1 | \$16 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requiren | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 | \$0 |
| Subtotal Other Operating Costs and Revenues | \$44.322 | \$7.441 | \$3 | \$139 | \$1.071 | \$52.975 | \$3,484 | \$215 | \$4.364 | \$296 | \$8.359 | \$119 | \$1.665 |

| | South | | Total | _ | | Total Non | Total System | | | • |
|--|----------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|--------------------------|--------------------------------------|--|-----------------------------------|--|--|
| COST COMPONENTS \$000's Base Margin Costs: | West Gas | Vernon | Whole sale | Ecogas | TBS | Core | \$000 | | | Source |
| · · · · · · · · · · · · · · · · · · · | £420 | COO 4 | ድር ዕርር | C444 | ΦO | \$36,159 | £4.004.400 | | | OA Mardal |
| Customer Cost w/o SA \$000 | \$430 | \$294 | \$2,088 | \$114 | \$0 | | \$1,294,123 | | | CA Model |
| Medium Pressure Distribution Costs | \$0 ©0 | \$0 ©0 | \$0 \$0 | \$0 ©0 | \$0 ©0 | \$16,216 | \$372,777 | | | CA Model |
| High Pressure Distribution Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$29,347 | \$156,980 | | | CA Model |
| Backbone Transmission Costs | \$1,308 | \$1,857 | \$25,831 | \$2,119 | \$0 | \$106,970 | \$176,587 | | | CA Model |
| Local Transmission Costs | \$784 | \$562 | \$10,307 | \$668 | \$0 | \$36,345 | \$71,956 | | | CA Model |
| Storage - Seasonal | \$0 | \$0 | \$11,522 | \$0 | \$0 | \$11,522 | \$93,797 | | | CA Model |
| Storage - Load Balancing | \$502 | \$732 | \$10,282 | \$878 | \$0 | \$43,878 | \$70,614 | | | CA Model |
| Storage - TBS | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | | CA Model |
| Uncollectibles | \$0 | \$0 | \$0 | \$0 | \$0 | \$635 | \$6,695 | | | CA Model |
| NGV Compression Costs: | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,964 | | | CA Model |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$3,024 | \$3,444 | \$60,030 | \$3,780 | \$0 | \$281,071 | \$2,246,492 | | | |
| Less Backbone Transmission Costs | (\$1,308) | (\$1,857) | (\$25,831) | (\$2,119) | \$0 | (\$106,970) | (\$176,587) | | | |
| Less Local Transmission Costs | (\$784) | (\$562) | (\$10,307) | (\$668) | \$0 | (\$36,345) | (\$71,956) | | | |
| Plus Local Transmission Costs w/SI, FFU | \$785 | \$562 | \$2,062 | \$669 | \$0 | \$28,125 | \$63,771 | | | SI & FAR |
| <u> </u> | | | | | | | | | | |
| Other Operating Costs and Revenues | | | | | | | | F&U Amount \$000 | Total Allocated \$000 | |
| AB32 Fees (subtracted from base margin and allocated here) | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,915 | \$4,615 | \$79 | \$4,536 | Misc Input |
| n/a | Ψū | Ψū | Q O | Ψ | V O | ψ.,σ.σ | ψ 1,010 | ψ. σ | ψ1,000 | moo mpar |
| Company Use Gas: Other | \$7 | \$10 | \$147 | \$13 | \$0 | \$626 | \$1,009 | \$16 | \$992 | Misc Input |
| Company Use Gas: Storage Load Balancing | \$7 | \$10 | \$142 | \$12 | \$0 | \$608 | \$979 | \$0 | \$979 | Misc Input |
| AMI | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$31,778 | \$543 | \$31,235 | AMI Decision |
| Exchange Revenues & Interutility Transactions | \$3 | \$4 | \$51 | \$4 | \$0 | \$205 | \$343 | \$0 | \$343 | Deamnd FC 1/14/2008 |
| Exchange revenues a meraling management | | | | | | | | | | |
| Fuel Cell Equipment Revenues | | | | | | | | | | |
| • • | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Mkt Dept 1/22/2008 |
| Marketing: DSM Program Awards | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | Mkt Dept 1/22/2008 2008RD Model |
| Marketing: DSM Program Awards Unaccounted For (UAF) Gas | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Mkt Dept 1/22/2008 |
| Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a | \$0 \$0 \$81 | \$0 \$0 \$119 | \$0 \$0 \$1,667 | \$0 \$0 \$142 | \$0 \$0 \$0 | \$0 \$0 \$7,127 | \$0 \$0 \$24,683 | \$0 \$0 \$412 | \$0 \$0 \$24,272 | Mkt Dept 1/22/2008 2008RD Model Misc Input |
| Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks | \$0 \$0 \$81 \$1 | \$0 \$0 \$119 \$1 | \$0 \$0 \$1,667 \$19 | \$0 \$0 \$142 \$2 | \$0 \$0 \$0 | \$0 \$0 \$7,127 \$78 | \$0 \$0 \$24,683 \$127 | \$0 \$0 \$412 \$2 | \$0 \$0 \$24,272 \$125 | Mkt Dept 1/22/2008 2008RD Model Misc Input |
| Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requiren | \$0 \$0 \$81 \$1 \$0 | \$0 \$0 \$119 \$1 \$0 | \$0 \$0 \$1,667 \$19 \$0 | \$0 \$0 \$142 \$2 \$0 | \$0 \$0 \$0 \$0 | \$0 \$0 \$7,127 \$78 \$0 | \$0 \$0 \$24,683 \$127 \$0 | \$0 \$0 \$412 \$2 \$0 | \$0 \$0 \$24,272 \$125 \$0 | Mkt Dept 1/22/2008 2008RD Model Misc Input Misc Input Misc Input |
| | \$0 \$0 \$81 \$1 | \$0 \$0 \$119 \$1 | \$0 \$0 \$1,667 \$19 | \$0 \$0 \$142 \$2 | \$0 \$0 \$0 | \$0 \$0 \$7,127 \$78 | \$0 \$0 \$24,683 \$127 | \$0 \$0 \$412 \$2 | \$0 \$0 \$24,272 \$125 | Mkt Dept 1/22/2008 2008RD Model Misc Input |

COST COMPONENTS \$000's

Allocation

Base Margin Costs:

Customer Cost w/o SA \$000

Medium Pressure Distribution Costs

High Pressure Distribution Costs

Backbone Transmission Costs

Local Transmission Costs

Storage - Seasonal

Storage - Load Balancing

Storage - TBS

Uncollectibles

NGV Compression Costs:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU

Less Backbone Transmission Costs Less Local Transmission Costs

Plus Local Transmission Costs w/SI, FFU

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

Other Operating Costs and Revenues

AB32 Fees (subtracted from base margin and allocated here)

Company Use Gas: Other

Company Use Gas: Storage Load Balancing

Exchange Revenues & Interutility Transactions

Fuel Cell Equipment Revenues

Marketing: DSM Program Awards

Unaccounted For (UAF) Gas

Well Incidents & Surface Leaks

Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requiren ECPT ExEOR

Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement

Method - 71% core @ ECPT / 29% noncore @ ECPT (Allocate Core=Storage Inv NonCore=LB Inv=ECPT Ex

ECPT GHG Fee Non-Exempt

ECPT AB32 Fee Non-Exempt

Core Avg Meter Count 2009-2015

ECPT Incl EOR

ECPT Incl EOR

CYTP ExEOR

EPAM ExEOR

Core ECPT

Method - 71% core @ ECPT / 29% noncore @ ECPT (

Subtotal Other Operating Costs and Revenues

Allocation %

| | Total | | Core | | | | Total | Non Core | EG <3 mmth | EG>=3 mmth | | Total Retail Non |
|------------------------------------|--------|-------|------|--------|---------|-----|-------|-------------|---------------|---------------|-----|------------------------|
| COST COMPONENTS \$000's | System | Resid | C&I | NR A/C | Gas Eng | NGV | Core | C&I | /yr | /yr | EOR | Core |
| Base Margin Costs: | | | | | | | | | | | | |
| Customer Cost w/o SA \$000 | | | | | | | | | | | | |
| Medium Pressure Distribution Costs | | | | | | | | | | | | |
| High Pressure Distribution Costs | | | | | | | | | | | | |

Backbone Transmission Costs Local Transmission Costs

Storage - Seasonal

Storage - Load Balancing

Storage - TBS

Uncollectibles

NGV Compression Costs:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU

Less Backbone Transmission Costs

Less Local Transmission Costs

Plus Local Transmission Costs w/SI, FFU

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

| Other Operating Costs and Revenues | | | | | | | | | | | | |
|---|--------|-------|-------|------|------|------|--------|-------|------|-------|------|-------|
| AB32 Fees (subtracted from base margin and allocated here) | 100.0% | 38.8% | 16.4% | 0.0% | 0.4% | 3.0% | 58.5% | 25.5% | 1.5% | 14.4% | 0.0% | 41.5% |
| n/a | | | | | | | | | | | | |
| Company Use Gas: Other | 100.0% | 25.1% | 10.6% | 0.0% | 0.2% | 1.9% | 37.9% | 16.5% | 1.0% | 26.5% | 2.2% | 46.3% |
| Company Use Gas: Storage Load Balancing | 100.0% | 25.1% | 10.6% | 0.0% | 0.2% | 1.9% | 37.9% | 16.5% | 1.0% | 26.5% | 2.2% | 46.3% |
| AMI | 100.0% | 95.3% | 4.7% | 0.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Exchange Revenues & Interutility Transactions | 100.0% | 27.3% | 10.9% | 0.0% | 0.2% | 1.9% | 40.3% | 16.3% | 1.0% | 26.2% | 0.0% | 43.5% |
| Fuel Cell Equipment Revenues | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| Marketing: DSM Program Awards | 100.0% | 66.3% | 28.0% | 0.0% | 0.6% | 5.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Unaccounted For (UAF) Gas | 100.0% | 47.1% | 19.9% | 0.0% | 0.4% | 3.6% | 71.1% | 7.7% | 0.5% | 12.3% | 1.0% | 21.5% |
| n/a | | | | | | | | | | | | |
| Well Incidents & Surface Leaks | 100.0% | 25.7% | 10.9% | 0.0% | 0.2% | 2.0% | 38.7% | 16.9% | 1.1% | 27.1% | 0.0% | 45.1% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requirer | 100.0% | 25.7% | 10.9% | 0.0% | 0.2% | 2.0% | 38.7% | 16.9% | 1.1% | 27.1% | 0.0% | 45.1% |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | 100.0% | 56.9% | 24.1% | 0.0% | 0.5% | 4.3% | 85.8% | 10.9% | 2.0% | 1.3% | 0.0% | 14.2% |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | 100.0% | 47.1% | 19.9% | 0.0% | 0.4% | 3.6% | 71.1% | 7.7% | 0.5% | 12.3% | 1.0% | 21.5% |
| Subtotal Other Operating Costs and Revenues | 100.0% | 69.8% | 11.7% | 0.0% | 0.2% | 1.7% | 83.4% | 5.5% | 0.3% | 6.9% | 0.5% | 13.2% |

NCCI Allocation

A

| | | | Sout | | Total | | | Total | | | | | |
|---|---------------|-------|-------------|--------|------------|--------|------|-------------|-----------|----------------------------|------------|------------|-------------------------|
| COST COMPONENTS \$000's | Long Beach | SDG&E | West Gas | Vernon | Whole sale | Ecogas | TBS | Non Core | | Total Allocated to NCCI | NCCI-D | NCCI-T | Total Allocated to NCCI |
| Base Margin Costs: | | 02002 | | | 04.0 | | | 00.0 | | | | | 10 11001 |
| Customer Cost w/o SA \$000 | | | | | | | | | _ | \$20,463 | \$19,442 | \$1,021 | \$20,463 |
| Medium Pressure Distribution Costs | | | | | | | | | _ | \$11,931 | \$11,931 | \$0 | \$11,931 |
| High Pressure Distribution Costs | | | | | | | | | _ | \$19,392 | \$19,392 | \$0 | \$19,392 |
| Backbone Transmission Costs | | | | | | | | | _ | \$28,241 | \$16,831 | \$11,410 | \$28,241 |
| Local Transmission Costs | | | | | | | | | _ | \$9,491 | \$5,373 | \$4,118 | \$9,491 |
| Storage - Seasonal | | | | | | | | | _ | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | | | | | | | | | _ | \$11,673 | \$6,945 | \$4,728 | \$11,673 |
| Storage - TBS | | | | | | | | | _ | \$0 | \$0 | \$0 | \$0 |
| Uncollectibles | | | | | | | | | _ | \$313 | \$248 | \$66 | \$313 |
| NGV Compression Costs: | | | | | | | | | _ | \$0 | \$0 | \$0 | \$0 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | | | | | | \$101,505 | \$80,163 | \$21,342 | \$101,505 |
| Less Backbone Transmission Costs | | | | | | | | | | (\$28,241) | (\$16,831) | (\$11,410) | (\$28,241) |
| Less Local Transmission Costs | | | | | | | | | _ _ | (\$9,491) | (\$5,373) | (\$4,118) | (\$9,491) |
| Plus Local Transmission Costs w/SI, FFU | | | | | | | | | | \$9,500 | \$5,378 | \$4,121 | \$9,500 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | | | | | | _ | \$73,273 | \$63,337 | \$9,936 | \$73,273 |
| | | | | | | | | | _ | | | | |
| Other Operating Costs and Revenues | | | | | | | | | Non-ECPT? | _ | | | |
| AB32 Fees (subtracted from base margin and allocated here) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 41.5% | _ | \$1,179 | \$701 | \$477 | \$1,179 |
| n/a | | | | | | | | | | \$0 | \$0 | \$0 | \$0 |
| Company Use Gas: Other | 0.9% | 12.0% | 0.7% | 1.0% | 14.6% | 1.2% | 0.0% | 62.1% | _ | \$167 | \$99 | \$68 | \$167 |
| Company Use Gas: Storage Load Balancing | 0.9% | 12.0% | 0.7% | 1.0% | 14.6% | 1.2% | 0.0% | 62.1% | _ | \$162 | \$96 | \$66 | \$162 |
| AMI | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | _ Y | \$0 | \$0 | \$0 | \$0 |
| Exchange Revenues & Interutility Transactions | 0.9% | 12.2% | 0.8% | 1.1% | 15.0% | 1.2% | 0.0% | 59.7% | _ | \$56 | \$33 | \$23 | \$56 |
| Fuel Cell Equipment Revenues | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | Y | \$0 | \$0 | \$0 | \$0 |
| Marketing: DSM Program Awards | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | _ | \$0 | \$0 | \$0 | \$0 |
| Unaccounted For (UAF) Gas | 0.4% | 5.6% | 0.3% | 0.5% | 6.8% | 0.6% | 0.0% | 28.9% | _ | \$1,899 | \$1,130 | \$769 | \$1,899 |
| n/a | | | | | | | | | <u> </u> | \$0 | \$0 | \$0 | \$0 |
| Well Incidents & Surface Leaks | 0.9% | 12.2% | 0.7% | 1.1% | 14.9% | 1.3% | 0.0% | 61.3% | _ | \$22 | \$12 | \$9 | \$22 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requiren | 0.9% | 12.2% | 0.7% | 1.1% | 14.9% | 1.3% | 0.0% | 61.3% | <u> </u> | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 14.2% | <u>-</u> | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | 0.4% | 5.6% | 0.3% | 0.5% | 6.8% | 0.6% | 0.0% | 28.9% | | \$0 | \$0 | \$0 | \$0 |
| Subtotal Other Operating Costs and Revenues | 0.2% | 2.6% | 0.2% | 0.2% | 3.2% | 0.3% | 0.0% | 16.6% | _ | \$3,484 | \$2,072 | \$1,411 | \$3,484 |
| | | | | | | | | | _ | | | | |

File = 2020 TCAP SCG RD Model Chaudhury SCG Workpapers - Page 38 of 256 Tab = Cost Alloc

EG Allocation

| Alocation Factors Separate Distribution from Transmission | Alocation Factors | Separate Distribution from Transmission |
|---|--------------------------|---|
|---|--------------------------|---|

| COST COMPONENTS \$000's | Allocation Method | Total % | | NCCI - | | Total Allocated to EG Tier 2 (1) | Total Allocated to EG | EG-D Tier 1 | EG-D Tier 2 | EG-T | Total Allocated to EG | o Allocation Method |
|--|---------------------------|----------------------|------------|------------|-----------------|-------------------------------------|-----------------------------|----------------|----------------|--------------|-----------------------------|-----------------------------------|
| Base Margin Costs: | Allocation metrica | Total 70 | | • | 20 1101 1 (1) | to LO TICLE (1) | | 1101 1 | 1101 2 | | | Allocation Metrica |
| Customer Cost w/o SA \$000 | | | | | \$5,255 | \$6,441 | \$11,696 | \$5,024 | \$2,913 | \$3,760 | \$11,696 | |
| Medium Pressure Distribution Costs | | | | | \$2,356 | \$1.885 | \$4,241 | \$2,356 | \$1.885 | \$0 | \$4,241 | |
| High Pressure Distribution Costs | | | | | \$1.835 | \$4,972 | \$6,807 | \$1.835 | \$4,972 | \$0 | \$6,807 | |
| Backbone Transmission Costs | | | | | \$1,779 | \$45,192 | \$46,971 | \$1,612 | \$4,428 | \$40,931 | \$46,971 | |
| Local Transmission Costs | | | | | \$528 | \$14,150 | \$14,679 | \$509 | \$1,377 | \$12,793 | \$14,679 | |
| Storage - Seasonal | | | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| Storage - Load Balancing | | | | | \$737 | \$18,729 | \$19,466 | \$668 | \$1,835 | \$16,963 | \$19,466 | |
| Storage - TBS | | | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| Uncollectibles | | | | | \$39 | \$283 | \$322 | \$37 | \$54 | \$231 | \$322 | |
| NGV Compression Costs: | | | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | \$12,530 | \$91,652 | \$104,182 | \$12,041 | \$17,463 | \$74,678 | \$104,182 | |
| Less Backbone Transmission Costs | | | | | (\$1,779) | (\$45,192) | (\$46,971) | (\$1,612) | (\$4,428) | (\$40,931) | (\$46,971) | |
| Less Local Transmission Costs | | | | | (\$528) | (\$14,150) | (\$14,679) | (\$509) | (\$1,377) | (\$12,793) | (\$14,679) | |
| | | | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | %CYTP |
| Plus Local Transmission Costs w/SI, FFU | % CYPM | 100% | 57% | 43% | \$529 | \$14,164 | \$14,693 | \$509 | \$1,379 | \$12,805 | \$14,693 | %CYPM |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | | \$10,751 | \$46,474 | \$57,225 | \$10,430 | \$13,037 | \$33,758 | \$57,225 | |
| Other Operating Costs and Revenues | | | | | | | | | | | | |
| AB32 Fees (subtracted from base margin and allocated here) | % AYTP | 100% | 59% | 41% | \$70 | \$666 | \$736 | \$67 | \$185 | \$484 | \$736 | ECPT excluding exempt EG |
| , | % AYTP | | 59% 59% | 41% | \$70 \$0 | \$666 \$0 | \$736 \$0 | \$67 \$0 | \$185 \$0 | \$484 \$0 | | %AYTP |
| n/a Company Use Gas: Other | % AYTP | 100% 100% | 59% 59% | 41% | \$0 \$11 | \$0 \$268 | \$0 \$278 | \$0 \$10 | \$0 \$26 | \$0 \$243 | \$0 \$278 | %AYTP |
| Company Use Gas: Storage Load Balancing | % AYTP | 100% | 59% | 41% | \$10 | \$260 \$260 | \$270 | \$10 | \$25 | \$235 | \$270 | %AYTP |
| AMI | N/A | 0% | 0% | 0% | \$0 | \$200 \$0 | \$0 | \$9 \$0 | \$23 \$0 | \$0 | \$0 | N/A |
| Exchange Revenues & Interutility Transactions | % CYTP | 100% | 60% | 40% | \$0 \$4 | \$90 | \$93 | \$0 \$3 | \$9 | \$81 | \$93 | %CYTP |
| Fuel Cell Equipment Revenues | EPAM NonCore C&I | 100% | 86% | 14% | \$ 0 | \$0 \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | EPAM NonCore C&I |
| Marketing: DSM Program Awards | % AYTP | 100% | 59% | 41% | \$0 \$0 | \$0 | \$0 \$0 | \$0 | \$0 | \$0 | \$0 | %AYTP |
| Unaccounted For (UAF) Gas | % AYTP | 100% | 59% | 41% | \$120 | \$3,046 | \$3,166 | \$109 | \$298 | \$2,759 | \$3,166 | %AYTP |
| n/a | % AYTP | 100% | 59% | 41% | \$0 | \$3,040 \$0 | \$0 | \$109 | \$0 | \$0 | \$3,100 | %AYTP |
| Well Incidents & Surface Leaks | % CYPM | 100% | 57% | 43% | \$0 \$1 | \$35 | \$36 | \$0 \$1 | \$3 | \$31 | \$36 | %CYPM |
| Wolf moldonio a Canado Learo | | 100% | 59% | 41% | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 | \$0 | \$0 | \$0 \$0 | %AYTP |
| Green House Gas Balancing Account (GHGRA) - Company Gas Compressor Poyonus Poqui | ron% AVTD | | | | | | | | | | | |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requi | | | | | * - | * - | | | • • | | | |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requi Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | ren% AYTP % AYTP % AYTP | 100% 100% 100% | 82% 59% | 18% 41% | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | ECPT excluding exempt EG %AYTP |

| COST COMPONENTS \$000's | Total % | 1 | Tier 2 | EG-T |
|---|---------|-------|--------|-------|
| Base Margin Costs: | | - | | |
| Customer Cost w/o SA \$000 | | | | |
| Medium Pressure Distribution Costs | | | | |
| High Pressure Distribution Costs | | | | |
| Backbone Transmission Costs | | | | |
| Local Transmission Costs | | | | |
| Storage - Seasonal | | | | |
| Storage - Load Balancing | | | | |
| Storage - TBS | | | | |
| Uncollectibles | | | | |
| NGV Compression Costs: | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | |
| Less Backbone Transmission Costs | | | | |
| Less Local Transmission Costs | | | | |
| | 100% | 3.4% | 9.4% | 87.1% |
| Plus Local Transmission Costs w/SI, FFU | 100% | 3.5% | 9.4% | 87.2% |
| | | | | |
| | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | |
| | | | | |
| | | | | |
| | | | | |
| Other Operating Costs and Revenues | | | | |
| AB32 Fees (subtracted from base margin and allocated here) | 100% | 9.1% | 25.2% | 65.7% |
| n/a | 100% | 3.4% | 9.4% | 87.1% |
| Company Use Gas: Other | 100% | 3.4% | 9.4% | 87.1% |
| Company Use Gas: Storage Load Balancing | 100% | 3.4% | 9.4% | 87.1% |
| AMI | 0% | 0.0% | 0.0% | 0.0% |
| Exchange Revenues & Interutility Transactions | 100% | 3.4% | 9.4% | 87.1% |
| Fuel Cell Equipment Revenues | 100% | 18.2% | 22.8% | 59.0% |
| Marketing: DSM Program Awards | 100% | 3.4% | 9.4% | 87.1% |
| Unaccounted For (UAF) Gas | 100% | 3.4% | 9.4% | 87.1% |
| n/a | 100% | 3.4% | 9.4% | 87.1% |
| Well Incidents & Surface Leaks | 100% | 3.5% | 9.4% | 87.2% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requiren | 100% | 3.4% | 9.4% | 87.1% |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | 100% | 55.2% | 22.3% | 22.6% |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | 100% | 3.4% | 9.4% | 87.1% |
| Subtotal Other Operating Costs and Revenues | | | | |

EG-D Tier EG-D

COST COMPONENTS \$000's

| COST COMPONENTS \$000's | | |
|---|---|---|
| Regulatory Accounts | | |
| Affiliate Transfer Fee Account (ATFA) | Y | Υ |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | Υ | Υ |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | | Υ |
| Disconnect Memorandum Account (DMA) | | Υ |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | | Υ |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | Y | N |
| GRCRRMA Sub allocation for AB32 Admin Fees | | N |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | Υ | Υ |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | Y | Υ |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | | Υ |
| Core Fixed Cost Account - Non NGV (CFCA) | | Υ |
| Core Fixed Cost Account - NGV (CFCA) | | Υ |
| On-Bill Financing Balancing Account (OBFBA) | Υ | Υ |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | | Υ |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | | Υ |
| Enhanced Oil Recovery Account (EORA) | Υ | Υ |
| Environmental Fee Balance Account EFBA | | Υ |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | Y | Υ |
| Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) | | Υ |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | | Υ |
| Green House Gas Balancing Account (GHGBA) - End User | | Υ |
| Green House Gas Balancing Account (GHGBA) - LUAF | | Υ |
| Hazardous Substance Cost-Recovery Account (HSCRA) | | Υ |
| Intervenor Award Memorandum Account (IAMA) | | Υ |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | Y | Υ |
| PCB Expense Account (PCBEA) | | Υ |
| Master Meter Balancing Account (MMBA) | Y | Υ |
| Montebello True-Up Tracking Account (MTTA) | Y | Υ |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | | Υ |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | Y | Υ |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | Y | Υ |
| Noncore Fixed Cost Account (NFCA) Margin | Y | Υ |
| Noncore Fixed Cost Account (NFCA) Nonmargin | | Υ |
| Integrated Transmission Balancing Account (ITBA) Margin | | Υ |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | | Υ |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | | Υ |
| Compression Services Balancing Account (CSBA) | Y | Υ |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | | Υ |
| System Reliability Memorandum Account (SRMA) | | Υ |
| Noncore Storage Balancing Account (NSBA) | | Υ |
| Pension Balancing Account (PBA) | Y | Υ |
| PBOP Balancing Account (PBOPBA) | Y | Υ |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | | Υ |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | | Υ |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | | Υ |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | | Υ |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | | Υ |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | | Υ |
| Research Development and Demonstration Expense Account (RDDEA) | Y | Υ |
| Research Royalty Memorandum Account (RRMA) | Y | Υ |
| Self-Generation Program Memorandum Account (SGPMA) | | Υ |
| System Operator Gas Account (SOGA) | | Υ |
| Natural Gas Appliance Testing Memo Account (NGATMA) | Y | Υ |
| Rewards & Penalties Balancing Account (RPBA) | Y | Υ |

COST COMPONENTS \$000's

| Regulatory Accounts | · |
|---|-----------|
| Affiliate Transfer Fee Account (ATFA) | (\$157) |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | (\$35) |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | \$0 |
| Disconnect Memorandum Account (DMA) | \$0 |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | \$279 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | \$0 |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | (\$204) |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | \$0 |
| Core Fixed Cost Account - Non NGV (CFCA) | \$133,930 |
| Core Fixed Cost Account - NGV (CFCA) | \$824 |
| On-Bill Financing Balancing Account (OBFBA) | \$0 |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | \$732 |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | \$13,625 |
| Enhanced Oil Recovery Account (EORA) | (\$4,274) |
| Environmental Fee Balance Account EFBA | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) | \$5,653 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 |
| Hazardous Substance Cost-Recovery Account (HSCRA) | \$1,372 |
| Intervenor Award Memorandum Account (IAMA) | \$1,069 |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | \$220 |
| PCB Expense Account (PCBEA) | \$0 |
| Master Meter Balancing Account (MMBA) | \$5,342 |
| Montebello True-Up Tracking Account (MTTA) | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$1,493 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$138 |
| Noncore Fixed Cost Account (NFCA) Margin | (\$4,023) |
| Noncore Fixed Cost Account (NFCA) Nonmargin | \$850 |
| Integrated Transmission Balancing Account (ITBA) Margin | \$2,114 |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | \$0 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | \$1,670 |
| Compression Services Balancing Account (CSBA) | (\$22) |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | (\$542) |
| System Reliability Memorandum Account (SRMA) | \$7,809 |
| Noncore Storage Balancing Account (NSBA) | \$10,308 |
| Pension Balancing Account (PBA) | (\$2,881) |
| PBOP Balancing Account (PBOPBA) | (\$1,658) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | \$1,466 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$1,090 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$10,812 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$39,521 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$3,374 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$8,968 |
| Research Development and Demonstration Expense Account (RDDEA) | \$0 |
| Research Royalty Memorandum Account (RRMA) | (\$71) |
| Self-Generation Program Memorandum Account (SGPMA) | \$24,000 |
| System Operator Gas Account (SOGA) | \$102 |
| Natural Gas Appliance Testing Memo Account (NGATMA) | \$0 |
| Rewards & Penalties Balancing Account (RPBA) | \$627 |

| | | | | | | | | | | | Total | | |
|---|----------------|--------------|------------|---------------|------------|----------------|-----------------|------------|--------------|------------|--------------------|---------------|-------------|
| COST COMPONENTS \$000's | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core | Non Core C&I | EG Tier 1 | EG Tier 2 | EOR | Retail Non Core | Long Beach | SDG&E |
| Regulatory Accounts | Kes | Core Car | NK A/C | Gas Eng | NGV | Total Core | UαI | EG Her i | EG Hei Z | EUR | Core | Deacii | SDG&E |
| Affiliate Transfer Fee Account (ATFA) | (\$121) | (\$24) | (\$0) | (\$1) | (\$2) | (\$147) | (\$6) | (\$1) | (\$4) | \$0 | (\$10) | (\$0) | (\$2) |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | (\$27) | (\$5) | (\$0) | (\$0) | (\$2) | (\$33) | (\$1) | (\$0) | (\$1) | \$0 \$0 | (\$10) | (\$0) | (\$0) |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | \$0 | \$0 | \$0 \$0 | \$0 | \$0 \$0 | \$0 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 | \$0 \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | \$ 0 | \$0 \$0 | \$0 | \$0 \$0 | \$0 | \$0 \$0 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 | \$0 | \$ 0 |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | \$46 | \$232 | \$0 \$0 | \$6 | \$0 \$0 | \$283 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| , , | \$0 | \$232 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$203 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) GRCRRMA Sub allocation for AB32 Admin Fees | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| | • • | • - | • - | • - | • - | * - | • - | • - | • • | \$0 \$0 | \$0 \$0 | | • - |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | \$0 (01.57) | \$0 | \$0 | \$0 | \$0 | \$0 (\$404) | \$0 | \$0 | \$0 (\$5) | | | \$0 | \$0 |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | (\$157) | (\$31) | (\$0) | (\$1) | (\$2) | (\$191) | (\$7) | (\$1) | (\$5) | \$0 \$0 | (\$13) | (\$0) | (\$2) |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | \$0 | \$0 | \$0 647 | \$0 \$00.4 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account - Non NGV (CFCA) | \$95,100 | \$40,236 | \$17 | \$904 | \$0 | \$136,257 | \$0 | \$0 \$0 | \$0 \$0 | • - | \$0 | \$0 | \$0 |
| Core Fixed Cost Account - NGV (CFCA) | \$ 0 | \$0 | \$0 | \$0 | \$838 | \$838 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | \$0 \$0 | \$0 ©0 | \$0 | \$0 \$0 | \$0 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 | \$0 | \$0 | \$0 |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$745 | \$0 | \$0 | \$0 | \$745 | \$0 | \$0 |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | \$5,421 | \$3,038 | \$1 | \$69 | \$555 | \$9,084 | \$4,778 | \$0 | \$0 | \$0 | \$4,778 | \$0 | \$0 |
| Enhanced Oil Recovery Account (EORA) | (\$3,287) | (\$659) | (\$0) | (\$19) | (\$47) | (\$4,013) | (\$155) | (\$23) | (\$98) | \$0 | (\$276) | (\$4) | (\$44) |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) | \$2,400 | \$719 | \$0 | \$6 | \$90 | \$3,215 | \$857 | \$48 | \$1,277 | \$107 | \$2,288 | \$64 | \$0 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cost-Recovery Account (HSCRA) | \$358 | \$152 | \$0 | \$3 | \$27 | \$541 | \$236 | \$15 | \$379 | \$0 | \$630 | \$12 | \$170 |
| Intervenor Award Memorandum Account (IAMA) | \$279 | \$118 | \$0 | \$3 | \$21 | \$421 | \$184 | \$12 | \$295 | \$0 | \$491 | \$9 | \$133 |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | \$170 | \$34 | \$0 | \$1 | \$2 | \$207 | \$8 | \$1 | \$5 | \$0 | \$14 | \$0 | \$2 |
| PCB Expense Account (PCBEA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Master Meter Balancing Account (MMBA) | \$4,109 | \$824 | \$0 | \$24 | \$59 | \$5,016 | \$194 | \$28 | \$123 | \$0 | \$345 | \$5 | \$55 |
| Montebello True-Up Tracking Account (MTTA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$589 | \$249 | \$0 | \$6 | \$45 | \$889 | \$388 | \$23 | \$219 | \$0 | \$630 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$106 | \$21 | \$0 | \$1 | \$2 | \$129 | \$5 | \$1 | \$3 | \$0 | \$9 | \$0 | \$1 |
| Noncore Fixed Cost Account (NFCA) Margin | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | (\$1,897) | (\$278) | (\$1,203) | \$0 | (\$3,378) | (\$47) | (\$538) |
| Noncore Fixed Cost Account (NFCA) Nonmargin | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$239 | \$15 | \$383 | \$0 | \$637 | \$12 | \$172 |
| Integrated Transmission Balancing Account (ITBA) Margin | \$668 | \$267 | \$0 | \$6 | \$46 | \$987 | \$400 | \$25 | \$641 | \$0 | \$1,066 | \$22 | \$0 |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | \$528 | \$211 | \$0 | \$5 | \$36 | \$780 | \$316 | \$20 | \$506 | \$0 | \$843 | \$18 | \$0 |
| Compression Services Balancing Account (CSBA) | \$0 | (\$12) | \$0 | \$0 | (\$11) | (\$23) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | (\$138) | (\$59) | (\$0) | (\$1) | (\$11) | (\$209) | (\$91) | (\$6) | (\$146) | (\$12) | (\$255) | (\$5) | (\$66) |
| System Reliability Memorandum Account (SRMA) | \$2,039 | \$863 | \$0 | \$19 | \$155 | \$3,077 | \$1,343 | \$85 | \$2,155 | \$0 | \$3,584 | \$69 | \$969 |
| Noncore Storage Balancing Account (NSBA) | \$2,692 | \$1,139 | \$0 | \$26 | \$205 | \$4,061 | \$1,773 | \$112 | \$2,845 | \$0 | \$4,730 | \$91 | \$1,279 |
| Pension Balancing Account (PBA) | (\$2,216) | (\$444) | (\$0) | (\$13) | (\$32) | (\$2,705) | (\$105) | (\$15) | (\$66) | \$0 | (\$186) | (\$3) | (\$30) |
| PBOP Balancing Account (PBOPBA) | (\$1,275) | (\$256) | (\$0) | (\$8) | (\$18) | (\$1,557) | (\$60) | (\$9) | (\$38) | \$0 | (\$107) | (\$1) | (\$17) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | \$623 | \$186 | \$0 | \$2 | \$23 | \$834 | \$222 | \$12 | \$331 | \$28 | \$594 | \$17 | \$0 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$678 | \$202 | \$0 | \$2 | \$21 | \$902 | \$137 | \$13 | \$35 | \$22 | \$207 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$4,590 | \$1,374 | \$0 | \$11 | \$172 | \$6,148 | \$1,639 | \$91 | \$2,443 | \$204 | \$4,377 | \$123 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$24,577 | \$7,310 | \$2 | \$58 | \$744 | \$32,691 | \$4,967 | \$470 | \$1,273 | \$793 | \$7,503 | \$0 | \$0 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$1,432 | \$429 | \$0 | \$4 | \$54 | \$1,918 | \$511 | \$28 | \$762 | \$64 | \$1,366 | \$38 | \$0 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$5,577 | \$1,659 | \$0 | \$13 | \$169 | \$7,418 | \$1,127 | \$107 | \$289 | \$180 | \$1,703 | \$0 | \$0 |
| Research Development and Demonstration Expense Account (RDDEA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Research Royalty Memorandum Account (RRMA) | (\$55) | (\$11) | (\$0) | (\$0) | (\$1) | (\$67) | (\$3) | (\$0) | (\$2) | \$0 | (\$5) | (\$0) | (\$1) |
| Self-Generation Program Memorandum Account (SGPMA) | \$33 | \$307 | \$0 | \$0 | \$0 | \$340 | \$0 | \$912 | \$23,166 | \$0 | \$24,077 | \$0 | \$0 |
| System Operator Gas Account (SOGA) | \$27 | \$11 | \$0 | \$0 | \$2 | \$40 | \$18 | \$1 | \$28 | \$0 | \$47 | \$1 | \$13 |
| Natural Gas Appliance Testing Memo Account (NGATMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Balancing Account (RPBA) | \$482 | \$97 | \$0 | \$3 | \$7 | \$589 | \$23 | \$3 | \$14 | \$0 \$0 | \$41 | \$1 | \$6 |

| COST COMPONENTS \$000's | South West Gas | Vornon | Total Whole sale | Ecogas | TBS | Total Non Core | Total System \$000 | | | Source |
|---|-------------------|-------------|---------------------|-------------|------------|--------------------|-----------------------|----------------|------------------|--------------------------|
| Regulatory Accounts | West Gas | Vernon | Wilole Sale | LCOyas | 100 | Core | φυσο | | | Source |
| Affiliate Transfer Fee Account (ATFA) | (\$0) | (\$0) | (\$2) | (\$0) | \$0 | (\$12) | (\$160) | (\$3) | (\$157) | Reg. Acct Filing 10/2017 |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | (\$0) | (\$0) | (\$0) | (\$0) | \$0 | (\$3) | (\$36) | (\$1) | (\$35) | Reg. Acct Filing 10/2017 |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Reg. Acct Filing 10/2017 |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Reg. Acct Filing 10/2017 |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$283 | \$5 | \$279 | Reg. Acct Filing 10/2017 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Reg. Acct Filing 10/2017 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 \$0 | \$0 | \$0 | \$0 \$0 | \$0 | \$0 | \$0 \$0 | \$0 | \$0 \$0 | Reg. Acct Filing 10/2017 |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | \$0 | \$0 \$0 | \$0 | \$0 \$0 | \$0 \$0 | \$0 | \$0 \$0 | \$0 | \$0 \$0 | Reg. Acct Filing 10/2017 |
| • | (\$0) | (\$0) | (\$3) | (\$0) | \$0 \$0 | (\$16) | | (\$4) | (\$204) | |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | | . , | . , | | | . , | (\$207) | | . , | Reg. Acct Filing 10/2017 |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 ©0 | \$0 ©0 | \$0 \$430.357 | \$0 \$2,220 | \$0 \$422.020 | Reg. Acct Filing 10/2017 |
| Core Fixed Cost Account - Non NGV (CFCA) | | | | \$0 \$0 | \$0 | \$0 | \$136,257 | \$2,326 | \$133,930 | Reg. Acct Filing 10/2017 |
| Core Fixed Cost Account - NGV (CFCA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$838 | \$14 | \$824 | Reg. Acct Filing 10/2017 |
| On-Bill Financing Balancing Account (OBFBA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Reg. Acct Filing 10/2017 |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$745 | \$745 | \$13 | \$732 | Reg. Acct Filing 10/2017 |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,778 | \$13,862 | \$237 | \$13,625 | Reg. Acct Filing 10/2017 |
| Enhanced Oil Recovery Account (EORA) | (\$4) | (\$3) | (\$55) | (\$4) | \$0 | (\$335) | (\$4,348) | (\$74) | (\$4,274) | Reg. Acct Filing 10/2017 |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Reg. Acct Filing 10/2017 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Reg. Acct Filing 10/2017 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) | \$71 | \$51 | \$185 | \$60 | \$0 | \$2,534 | \$5,749 | \$96 | \$5,653 | Reg. Acct Filing 10/2017 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Reg. Acct Filing 10/2017 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Reg. Acct Filing 10/2017 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Reg. Acct Filing 10/2017 |
| Hazardous Substance Cost-Recovery Account (HSCRA) | \$10 | \$15 | \$207 | \$18 | \$0 | \$855 | \$1,396 | \$23 | \$1,372 | Reg. Acct Filing 10/2017 |
| Intervenor Award Memorandum Account (IAMA) | \$8 | \$11 | \$162 | \$14 | \$0 | \$666 | \$1,088 | \$18 | \$1,069 | Reg. Acct Filing 10/2017 |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | \$0 | \$0 | \$3 | \$0 | \$0 | \$17 | \$224 | \$4 | \$220 | Reg. Acct Filing 10/2017 |
| PCB Expense Account (PCBEA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Reg. Acct Filing 10/2017 |
| Master Meter Balancing Account (MMBA) | \$5 | \$4 | \$68 | \$4 | \$0 | \$418 | \$5,434 | \$93 | \$5,342 | Reg. Acct Filing 10/2017 |
| Montebello True-Up Tracking Account (MTTA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Reg. Acct Filing 10/2017 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$630 | \$1,519 | \$26 | \$1,493 | Reg. Acct Filing 10/2017 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Reg. Acct Filing 10/2017 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$0 | \$0 | \$2 | \$0 | \$0 | \$11 | \$140 | \$2 | \$138 | Reg. Acct Filing 10/2017 |
| Noncore Fixed Cost Account (NFCA) Margin | (\$44) | (\$41) | (\$670) | (\$43) | \$0 | (\$4,090) | (\$4,090) | (\$68) | (\$4,023) | Reg. Acct Filing 10/2017 |
| Noncore Fixed Cost Account (NFCA) Nonmargin | \$10 | \$15 | \$210 | \$18 | \$0 | \$864 | \$864 | \$14 | \$850 | Reg. Acct Filing 10/2017 |
| Integrated Transmission Balancing Account (ITBA) Margin | \$18 | \$26 | \$67 | \$30 | \$0 | \$1,163 | \$2,150 | \$36 | \$2,114 | Reg. Acct Filing 10/2017 |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Reg. Acct Filing 10/2017 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | \$15 | \$21 | \$53 | \$24 | \$0 | \$919 | \$1,699 | \$29 | \$1,670 | Reg. Acct Filing 10/2017 |
| Compression Services Balancing Account (CSBA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | (\$23) | (\$0) | (\$22) | Reg. Acct Filing 10/2017 |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | (\$4) | (\$6) | (\$80) | (\$7) | \$0 | (\$342) | (\$551) | (\$9) | (\$542) | Reg. Acct Filing 10/2017 |
| System Reliability Memorandum Account (SRMA) | \$58 | \$84 | \$1,180 | \$101 | \$0 | \$4,864 | \$7,941 | \$132 | \$7,809 | Reg. Acct Filing 10/2017 |
| Noncore Storage Balancing Account (NSBA) | \$76 | \$111 | \$1,557 | \$133 | \$0 | \$6,421 | \$10,482 | \$174 | \$10,308 | Reg. Acct Filing 10/2017 |
| Pension Balancing Account (PBA) | (\$2) | (\$2) | (\$37) | (\$2) | \$0 | (\$225) | (\$2,931) | (\$50) | (\$2,881) | Reg. Acct Filing 10/2017 |
| PBOP Balancing Account (PBOPBA) | (\$1) | (\$1) | (\$21) | (\$1) | \$0 | (\$130) | (\$1,687) | (\$29) | (\$1,658) | Reg. Acct Filing 10/2017 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | \$18 | \$13 | \$48 | \$16 | \$0 | \$657 | \$1,491 | \$25 | \$1,466 | Reg. Acct Filing 10/2017 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$0 | \$13 | \$0 | \$0 | \$0 | \$207 | \$1,109 | \$19 | \$1,090 | Reg. Acct Filing 10/2017 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$135 | \$97 | \$355 | \$115 | \$0 \$0 | \$4,846 | | \$183 | \$10,812 | Reg. Acct Filing 10/2017 |
| · · · · · · · · · · · · · · · · · · · | | | | | | | \$10,994 | | | |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$0 \$42 | \$0 \$30 | \$0 \$111 | \$0 \$36 | \$0 \$0 | \$7,503 \$1,513 | \$40,194 | \$673 | \$39,521 | Reg. Acct Filing 10/2017 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$42 | \$30 | \$111 ©0 | \$36 | \$0 ©0 | \$1,512 | \$3,431 | \$57 | \$3,374 | Reg. Acct Filing 10/2017 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$0 | \$0 | \$0 | \$0 \$0 | \$0 | \$1,703 | \$9,121 | \$153 | \$8,968 | Reg. Acct Filing 10/2017 |
| Research Development and Demonstration Expense Account (RDDEA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 (\$70) | \$0 | \$0 | Reg. Acct Filing 10/2017 |
| Research Royalty Memorandum Account (RRMA) | (\$0) | (\$0) | (\$1) | (\$0) | \$0 | (\$6) | (\$73) | (\$1) | (\$71) | Reg. Acct Filing 10/2017 |
| Self-Generation Program Memorandum Account (SGPMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$24,077 | \$24,417 | \$417 | \$24,000 | Reg. Acct Filing 10/2017 |
| System Operator Gas Account (SOGA) | \$1 | \$1 | \$15 | \$1 | \$0 | \$63 | \$104 | \$2 | \$102 | Reg. Acct Filing 10/2017 |
| Natural Gas Appliance Testing Memo Account (NGATMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Reg. Acct Filing 10/2017 |
| Rewards & Penalties Balancing Account (RPBA) | \$1 | \$0 | \$8 | \$1 | \$0 | \$49 | \$638 | \$11 | \$627 | Reg. Acct Filing 10/2017 |

| COST COMPONENTS \$000's | Allocation |
|---|---|
| Regulatory Accounts | FRAM EVEOR |
| Affiliate Transfer Fee Account (ATFA) | EPAM to be used to do / 8/ |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | EPAM, to be updated w/ % core-noncore revenue |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | ECPT EXEOR |
| Disconnect Memorandum Account (DMA) | 100% Residential |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | ECPT CAT Only |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | EPAM EXEOR |
| GRCRRMA Sub allocation for AB32 Admin Fees | ECPT AB32 Fee Non-Exempt |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | EPAM EXEOR |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | EPAM EXEOR |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | ECPT EXEOR |
| Core Fixed Cost Account - Non NGV (CFCA) | Core ECPT except NGV |
| Core Fixed Cost Account - NGV (CFCA) | NGV Only |
| On-Bill Financing Balancing Account (OBFBA) | EPAM EXEOR |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | 100% Noncore C&I |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | ECPT ex CARE Participants & EOR |
| Enhanced Oil Recovery Account (EORA) | EORA Allocation Factor |
| Environmental Fee Balance Account EFBA | ECPT AB32 Fee Non-Exempt |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | EPAM ExEOR |
| Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) | CYPM System Excl. Wholesale |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | ECPT ExEOR |
| Green House Gas Balancing Account (GHGBA) - End User | ECPT GHG Fee Non-Exempt |
| Green House Gas Balancing Account (GHGBA) - LUAF | Method - 71% core @ ECPT / 29% noncore @ ECPT |
| Hazardous Substance Cost-Recovery Account (HSCRA) | ECPT ExEOR |
| Intervenor Award Memorandum Account (IAMA) | ECPT ExEOR |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | EPAM Excl EOR |
| PCB Expense Account (PCBEA) | ECPT ExEOR |
| Master Meter Balancing Account (MMBA) | EPAM Excl EOR |
| Montebello True-Up Tracking Account (MTTA) | MTTA Allocation Factor |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | ECPT AB32 Fee Non-Exempt |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | EPAM ExEOR |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | EPAM ExEOR |
| Noncore Fixed Cost Account (NFCA) Margin | NonCore EPAM ExEOR |
| Noncore Fixed Cost Account (NFCA) Nonmargin | NonCore ECPT ExEOR |
| Integrated Transmission Balancing Account (ITBA) Margin | CYTP Excl. EOR & SDG&E |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | CYTP Excl. EOR & SDG&E |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | CYTP Excl. EOR & SDG&E |
| Compression Services Balancing Account (CSBA) | 2018 = NGV - 47%, CCI - 53% |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | ECPT Incl EOR |
| System Reliability Memorandum Account (SRMA) | ECPT EXEOR |
| Noncore Storage Balancing Account (NSBA) | ECPT EXEOR |
| Pension Balancing Account (PBA) | EPAM Excl EOR |
| PBOP Balancing Account (PBOPBA) | EPAM Excl EOR |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | CYPM System Excl. Wholesale |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | HPD CYPM System |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | CYPM System Excl. Wholesale |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | HPD CYPM System |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | CYPM System Excl. Wholesale |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | HPD CYPM System |
| Research Development and Demonstration Expense Account (RDDEA) | EPAM Excl EOR |
| Research Royalty Memorandum Account (RRMA) | EPAM Excl EOR |
| Self-Generation Program Memorandum Account (SGPMA) | SGPMA Benefits |
| System Operator Gas Account (SOGA) | ECPT EXEOR |
| Natural Gas Appliance Testing Memo Account (NGATMA) | EPAM Excl EOR |
| Powards & Panalties Relancing Account (PDRA) | EDAM Evol EOD |

EPAM Excl EOR

Rewards & Penalties Balancing Account (RPBA)

| COST COMPONENTS \$000's | Total System | Resid | Core C&I | NR A/C | Gas Eng | NGV | Total Core | Non Core C&I | EG <3 mmth /yr | EG>=3 mmth /yr | EOR | Total Retail Non Core |
|---|-----------------|----------------|-------------|--------|---------|--------------|----------------|--------------------|----------------------|----------------------|------|--------------------------------|
| Regulatory Accounts | , | | | | | | | | .,. | -,- | | |
| Affiliate Transfer Fee Account (ATFA) | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | 100.0% | 25.7% | 10.9% | 0.0% | 0.2% | 2.0% | 38.7% | 16.9% | 1.1% | 27.1% | 0.0% | 45.1% |
| Disconnect Memorandum Account (DMA) | 100.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | 100.0% | 16.1% | 81.8% | 0.0% | 2.1% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| GRCRRMA Sub allocation for AB32 Admin Fees | 100.0% | 38.8% | 16.4% | 0.0% | 0.4% | 3.0% | 58.5% | 25.5% | 1.5% | 14.4% | 0.0% | 41.5% |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | 100.0% | 25.7% | 10.9% | 0.0% | 0.2% | 2.0% | 38.7% | 16.9% | 1.1% | 27.1% | 0.0% | 45.1% |
| Core Fixed Cost Account - Non NGV (CFCA) | 100.0% | 69.8% | 29.5% | 0.0% | 0.7% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Core Fixed Cost Account - NGV (CFCA) | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| On-Bill Financing Balancing Account (OBFBA) | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | 100.0% | 39.1% | 21.9% | 0.0% | 0.5% | 4.0% | 65.5% | 34.5% | 0.0% | 0.0% | 0.0% | 34.5% |
| Enhanced Oil Recovery Account (EORA) | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| Environmental Fee Balance Account EFBA | 100.0% | 38.8% | 16.4% | 0.0% | 0.4% | 3.0% | 58.5% | 25.5% | 1.5% | 14.4% | 0.0% | 41.5% |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) | 100.0% | 41.7% | 12.5% | 0.0% | 0.1% | 1.6% | 55.9% | 14.9% | 0.8% | 22.2% | 1.9% | 39.8% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | 100.0% | 25.7% | 10.9% | 0.0% | 0.2% | 2.0% | 38.7% | 16.9% | 1.1% | 27.1% | 0.0% | 45.1% |
| Green House Gas Balancing Account (GHGBA) - End User | 100.0% | 56.9% | 24.1% | 0.0% | 0.5% | 4.3% | 85.8% | 10.9% | 2.0% | 1.3% | 0.0% | 14.2% |
| Green House Gas Balancing Account (GHGBA) - LUAF | 100.0% | 47.1% | 19.9% | 0.0% | 0.4% | 3.6% | 71.1% | 7.7% | 0.5% | 12.3% | 1.0% | 21.5% |
| Hazardous Substance Cost-Recovery Account (HSCRA) | 100.0% | 25.7% | 10.9% | 0.0% | 0.2% | 2.0% | 38.7% | 16.9% | 1.1% | 27.1% | 0.0% | 45.1% |
| Intervenor Award Memorandum Account (IAMA) | 100.0% | 25.7% | 10.9% | 0.0% | 0.2% | 2.0% | 38.7% | 16.9% | 1.1% | 27.1% | 0.0% | 45.1% |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| PCB Expense Account (PCBEA) | 100.0% | 25.7% | 10.9% | 0.0% | 0.2% | 2.0% | 38.7% | 16.9% | 1.1% | 27.1% | 0.0% | 45.1% |
| Master Meter Balancing Account (MMBA) | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| Montebello True-Up Tracking Account (MTTA) | 100.0% | 46.4% | 19.6% | 0.0% | 0.4% | 3.5% | 70.0% | 8.3% | 0.5% | 13.3% | 0.0% | 22.1% |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | 100.0% | 38.8% | 16.4% | 0.0% | 0.4% | 3.0% | 58.5% | 25.5% | 1.5% | 14.4% | 0.0% | 41.5% |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| Noncore Fixed Cost Account (NFCA) Margin | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 46.3% | 6.8% | 29.4% | 0.0% | 82.5% |
| Noncore Fixed Cost Account (NFCA) Nonmargin | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 27.6% | 1.7% | 44.3% | 0.0% | 73.6% |
| Integrated Transmission Balancing Account (ITBA) Margin | 100.0% | 31.0% | 12.4% | 0.0% | 0.3% | 2.1% | 45.9% | 18.6% | 1.2% | 29.8% | 0.0% | 49.6% |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | 100.0% | 31.0% | 12.4% | 0.0% | 0.3% | 2.1% | 45.9% | 18.6% | 1.2% | 29.8% | 0.0% | 49.6% |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | 100.0% | 31.0% | 12.4% | 0.0% | 0.3% | 2.1% | 45.9% | 18.6% | 1.2% | 29.8% | 0.0% | 49.6% |
| Compression Services Balancing Account (CSBA) | 100.0% | 0.0% | 53.0% | 0.0% | 0.0% | 47.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | 100.0% | 25.1% | 10.6% | 0.0% | 0.2% | 1.9% | 37.9% | 16.5% | 1.0% | 26.5% | 2.2% | 46.3% |
| System Reliability Memorandum Account (SRMA) | 100.0% | 25.7% | 10.9% | 0.0% | 0.2% | 2.0% | 38.7% | 16.9% | 1.1% | 27.1% | 0.0% | 45.1% |
| Noncore Storage Balancing Account (NSBA) | 100.0% | 25.7% | 10.9% | 0.0% | 0.2% | 2.0% | 38.7% | 16.9% | 1.1% | 27.1% | 0.0% | 45.1% |
| Pension Balancing Account (PBA) | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| PBOP Balancing Account (PBOPBA) | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | 100.0% | 41.7% | 12.5% | 0.0% | 0.1% | 1.6% | 55.9% | 14.9% | 0.8% | 22.2% | 1.9% | 39.8% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | 100.0% | 61.1% | 18.2% | 0.0% | 0.1% | 1.9% | 81.3% | 12.4% | 1.2% | 3.2% | 2.0% | 18.7% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | 100.0% | 41.7% | 12.5% | 0.0% | 0.1% | 1.6% | 55.9% | 14.9% | 0.8% | 22.2% | 1.9% | 39.8% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | 100.0% | 61.1% | 18.2% | 0.0% | 0.1% | 1.9% | 81.3% | 12.4% | 1.2% | 3.2% | 2.0% | 18.7% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | 100.0% | 41.7% | 12.5% | 0.0% | 0.1% | 1.6% | 55.9% | 14.9% | 0.8% | 22.2% | 1.9% | 39.8% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | 100.0% | 61.1% | 18.2% | 0.0% | 0.1% | 1.0% | 81.3% | 12.4% | 1.2% | 3.2% | 2.0% | 18.7% |
| Research Development and Demonstration Expense Account (RDDEA) | 100.0% | 75.6% | 15.2% | 0.0% | 0.1% | 1.9% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| Research Royalty Memorandum Account (RRMA) | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| Self-Generation Program Memorandum Account (SGPMA) | 100.0% | 0.1% | 1.3% | 0.0% | 0.4% | 0.0% | 1.4% | 0.0% | 3.7% | 94.9% | 0.0% | 98.6% |
| System Operator Gas Account (SOGA) | 100.0% | 0.1% 25.7% | 1.3% | 0.0% | 0.0% | 0.0% 2.0% | 1.4% 38.7% | 16.9% | 3.7% 1.1% | 94.9% 27.1% | 0.0% | 98.6% 45.1% |
| • • • | 100.0% | 25.7% 75.6% | 10.9% | 0.0% | 0.2% | 2.0% 1.1% | 38.7% 92.3% | 3.6% | 0.5% | 27.1% | 0.0% | 45.1% 6.4% |
| Natural Gas Appliance Testing Memo Account (NGATMA) | | | | | | | | | | | | |
| Rewards & Penalties Balancing Account (RPBA) | 100.0% | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |

NCCI Allocation

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| | | | Sout | | Total | | | Total | | | | | | |
|---|-------|-------|-------|--------|-------|--------|------|--------|---|---|--------------------|-----------------|---------|-----------------|
| | Long | | West | | Whole | | | Non | | | Total Allocated to | | | Total Allocated |
| COST COMPONENTS \$000's | Beach | SDG&E | Gas | Vernon | sale | Ecogas | TBS | Core | | | NCCI | NCCI-D | NCCI-T | to NCCI |
| Regulatory Accounts | | | | | | | | | | | | | | |
| Affiliate Transfer Fee Account (ATFA) | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | _ | Υ | (\$6) | (\$5) | (\$1) | (\$6) |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | _ | Υ | (\$1) | (\$1) | (\$0) | (\$1) |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | 0.9% | 12.2% | 0.7% | 1.1% | 14.9% | 1.3% | 0.0% | 61.3% | _ | | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | _ | | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | _ | | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | _ | Υ | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 41.5% | _ | | \$0 | \$0 | \$0 | \$0 |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | _ | Υ | \$0 | \$0 | \$0 | \$0 |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | _ | Υ | (\$7) | (\$6) | (\$1) | (\$7) |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | 0.9% | 12.2% | 0.7% | 1.1% | 14.9% | 1.3% | 0.0% | 61.3% | _ | | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account - Non NGV (CFCA) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | _ | | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account - NGV (CFCA) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | _ | | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | _ | Υ | \$0 | \$0 | \$0 | \$0 |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | _ | | \$745 | \$443 | \$302 | \$745 |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 34.5% | _ | | \$4,778 | \$2,843 | \$1,935 | \$4,778 |
| Enhanced Oil Recovery Account (EORA) | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | _ | Υ | (\$155) | (\$134) | (\$21) | (\$155) |
| Environmental Fee Balance Account EFBA | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 41.5% | _ | | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | _ | Υ | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) | 1.1% | 0.0% | 1.2% | 0.9% | 3.2% | 1.0% | 0.0% | 44.1% | _ | | \$857 | \$485 | \$372 | \$857 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | 0.9% | 12.2% | 0.7% | 1.1% | 14.9% | 1.3% | 0.0% | 61.3% | _ | | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 14.2% | _ | | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | 0.4% | 5.6% | 0.3% | 0.5% | 6.8% | 0.6% | 0.0% | 28.9% | _ | | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cost-Recovery Account (HSCRA) | 0.9% | 12.2% | 0.7% | 1.1% | 14.9% | 1.3% | 0.0% | 61.3% | _ | | \$236 | \$140 | \$96 | \$236 |
| Intervenor Award Memorandum Account (IAMA) | 0.9% | 12.2% | 0.7% | 1.1% | 14.9% | 1.3% | 0.0% | 61.3% | _ | | \$184 | \$109 | \$75 | \$184 |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | _ | Υ | \$8 | \$7 | \$1 | \$8 |
| PCB Expense Account (PCBEA) | 0.9% | 12.2% | 0.7% | 1.1% | 14.9% | 1.3% | 0.0% | 61.3% | _ | | \$0 | \$0 | \$0 | \$0 |
| Master Meter Balancing Account (MMBA) | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | _ | Υ | \$194 | \$168 | \$26 | \$194 |
| Montebello True-Up Tracking Account (MTTA) | 0.4% | 6.0% | 0.4% | 0.5% | 7.3% | 0.6% | 0.0% | 30.0% | _ | Υ | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 41.5% | _ | Υ | \$388 | \$231 | \$157 | \$388 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | _ | Υ | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | _ | Υ | \$5 | \$4 | \$1 | \$5 |
| Noncore Fixed Cost Account (NFCA) Margin | 1.1% | 13.2% | 1.1% | 1.0% | 16.4% | 1.1% | 0.0% | 100.0% | _ | Υ | (\$1,897) | (\$1,639) | (\$257) | (\$1,897) |
| Noncore Fixed Cost Account (NFCA) Nonmargin | 1.4% | 20.0% | 1.2% | 1.7% | 24.3% | 2.1% | 0.0% | 100.0% | _ | | \$239 | \$142 | \$97 | \$239 |
| Integrated Transmission Balancing Account (ITBA) Margin | 1.0% | 0.0% | 0.9% | 1.2% | 3.1% | 1.4% | 0.0% | 54.1% | _ | | \$400 | \$239 | \$162 | \$400 |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | 1.0% | 0.0% | 0.9% | 1.2% | 3.1% | 1.4% | 0.0% | 54.1% | _ | | \$0 | \$0 | \$0 | \$0 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | 1.0% | 0.0% | 0.9% | 1.2% | 3.1% | 1.4% | 0.0% | 54.1% | _ | | \$316 | \$189 | \$128 | \$316 |
| Compression Services Balancing Account (CSBA) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | _ | Υ | \$0 | \$0 | \$0 | \$0 |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | 0.9% | 12.0% | 0.7% | 1.0% | 14.6% | 1.2% | 0.0% | 62.1% | _ | | (\$91) | (\$54) | (\$37) | (\$91) |
| System Reliability Memorandum Account (SRMA) | 0.9% | 12.2% | 0.7% | 1.1% | 14.9% | 1.3% | 0.0% | 61.3% | _ | | \$1,343 | \$799 | \$544 | \$1,343 |
| Noncore Storage Balancing Account (NSBA) | 0.9% | 12.2% | 0.7% | 1.1% | 14.9% | 1.3% | 0.0% | 61.3% | _ | | \$1,773 | \$1,055 | \$718 | \$1,773 |
| Pension Balancing Account (PBA) | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | _ | Υ | (\$105) | (\$90) | (\$14) | (\$105) |
| PBOP Balancing Account (PBOPBA) | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | _ | Υ | (\$60) | (\$52) | (\$8) | (\$60) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | 1.1% | 0.0% | 1.2% | 0.9% | 3.2% | 1.0% | 0.0% | 44.1% | _ | | \$222 | \$126 | \$96 | \$222 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 18.7% | _ | | \$137 | \$137 | \$0 | \$137 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | 1.1% | 0.0% | 1.2% | 0.9% | 3.2% | 1.0% | 0.0% | 44.1% | _ | | \$1,639 | \$928 | \$711 | \$1,639 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 18.7% | _ | | \$4,967 | \$4,967 | \$0 | \$4,967 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | 1.1% | 0.0% | 1.2% | 0.9% | 3.2% | 1.0% | 0.0% | 44.1% | _ | | \$511 | \$289 | \$222 | \$511 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 18.7% | _ | | \$1,127 | \$1,127 | \$0 | \$1,127 |
| Research Development and Demonstration Expense Account (RDDEA) | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | _ | Υ | \$0 | \$0 | \$0 | \$0 |
| Research Royalty Memorandum Account (RRMA) | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | _ | Y | (\$3) | (\$2) | (\$0) | (\$3) |
| Self-Generation Program Memorandum Account (SGPMA) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 98.6% | | | \$0 | \$0 | \$0 | \$0 |
| System Operator Gas Account (SOGA) | 0.9% | 12.2% | 0.7% | 1.1% | 14.9% | 1.3% | 0.0% | 61.3% | | | \$18 | \$10 | \$7 | \$18 |
| Natural Gas Appliance Testing Memo Account (NGATMA) | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | | Υ | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Balancing Account (RPBA) | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | | Y | \$23 | \$20 | \$3 | \$23 |
| | 21170 | | 2.1,0 | | | 2.170 | 570 | , , , | | • | | +- - | 40 | |

EG Allocation

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| Maches M | | | | NCCI | NCCI | Total Allocated to | Total Allegated | Total | EG-D | EG-D | | Total Allocated t | • |
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| Page | COST COMPONENTS \$000's | Allocation Method | Total % | | | | | | | | EG-T | | |
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| Byther Openstroad From Kongarianner Moromaninin Account (IRSCHMAN) SA-YIF | , , | | | | | , , | , , | | | | . , | . , | |
| Description Minorand Account (PSPMA) 100% Res 100 | | | | | | · · · | · · / | . , | , , | . , | | . , | |
| FERC Selection Annual Power Management Annual Power Management (RICAM) PAM Nonforce CAI Control CAI Contro | • | | | | | | • • | • - | • - | • • | * - | | |
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| Debth and Centery Resources Seels Account (DRESSA) | | | | | | | | | | | | | • . |
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| Transmission Integrity Management Program Memorandum Account (TIMPBA - Locall T) | | | | | | * - | • • | | • - | | * - | | • . |
| Genen House Gas Balancing Account (GHGBA) - Company Cas Compressor | | | | | | * - | • • | • - | • - | • - | * - | | |
| Censen Noume Class Balancing Account (CHCBA) - LIDAF No. AYTP 100% 87% 41% 81% 81% 80 80 80 80 80 80 80 8 | | | | | | | | | | | | | |
| Cemen House Gas Balanning Account (CHGBA) - LUAF | * , , , , , , , | | | | | | | | | | | | |
| Hazardous Substance Cost-Recovery Account (PASCRA) | • ' | | | | | | • - | • - | • - | • • | * - | | • • |
| Intervenor Award Memorandum Account (GIAMA) | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | | |
| Cain Loss on Sale Memorandum Account (GLOSMA) EPAM NonCore Cal 10% 86% 14% \$1 \$5 \$6 \$1 \$1 \$4 \$5 \$6 \$1 \$1 \$4 \$5 \$6 \$7 \$8 \$7 \$8 \$8 \$8 \$8 \$8 | | | | | | | | | • | | • | | |
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| Master Meter Balancing Account (MMA) EPAM NonCore C&I 10% 8% 14% S28 \$13 \$151 \$28 \$34 \$89 \$151 EPAM NonCore C&I Montebello True-Up Tracking Account (MTTA) 6% AYTP 100% 5% 41% \$23 \$219 \$242 \$22 \$361 \$3151 \$28 \$34 \$89 \$34 \$475 | , | | | | | • | • • | | | | | | |
| Monte-belle True-Up Tracking Account (MTTA) % AYTP 10% 5% 41% \$20 \$30 \$0 \$0 \$0 \$0 \$0 \$0 | | | | | | | • - | | • - | • • | * - | | |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subsecount EPAM NonCore C&I 100% 85% 14% \$23 \$21 \$22 \$25 \$51 \$24 \$22 \$25 | • , , | | | | | | | | | | | | |
| New Environmental Regulation Balancing Account (NERBA) - CAT Subaccount EPAM NonCore CAI 100% 86% 14% \$1 \$3 \$3 \$1 \$1 \$2 \$4 \$4 \$5 \$4 \$5 \$5 \$5 \$5 | . , | | | | | • • | * - | • - | • - | • - | * - | | |
| New Environmental Regulation Balancing Account (NERA) - Subpart W Subaccount EPAM NonCore C&I 10% 86% 14% \$1 \$3 \$4 \$1 \$1 \$2 \$4 EPAM NonCore C&I Noncore Fixed Cost Account (NPCA) Margin EPAM NonCore C&I 10% 86% 14% \$15 \$383 \$383 \$14 \$38 \$347 \$388 \$347 \$388 \$447 \$100 \$40 \$100 | | | | | | | | | | | | | • . |
| Noncore Fixed Cost Account (NFCA) Margin | | | | | | | | | | | | | |
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| Integrated Transmission Balancing Account (ITBA) Margin % CYTP 100% 60% 40% \$25 \$641 \$866 \$23 \$63 \$580 \$666 % CYTP 100% 60% 40% \$0 \$0 \$0 \$0 \$0 \$0 \$0 | , , | | | | | · , | , | , | . , | (' | (. , | , | |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | , , , , , , , , , , , , , , , , , , , | | | | | | | | | | | | |
| Compressor Station Fuel and Power Balancing Account (CFPBA) % CYTP 100% 60% 40% \$20 \$506 \$526 \$18 \$50 \$459 \$526 %CYTP Compression Services Balancing Account (CSBA) All NGV \$0 < | | | | 60% | | | • - | | | | | | |
| Compression Services Balancing Account (CSBA) All NGV System Reliability Memorandum Account (SRMA) AYTP 100% S9% 41% S95 41% S | | | | | | * - | • • | | • - | • - | | | |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | • | | 100% | 60% | 40% | | | | | | | | |
| System Reliability Memorandum Account (SRMA) % AYTP 100% 59% 41% \$85 \$2,155 \$2,240 \$77 \$211 \$1,952 \$2,240 %AYTP Noncore Storage Balancing Account (NSBA) % AYTP 100% 59% 41% \$112 \$2,845 \$2,957 \$101 \$279 \$2,577 \$2,957 %AYTP Pension Balancing Account (PBA) EPAM NonCore C&I 100% 86% 14% (\$15) (\$66) (\$82) (\$15) (\$19) (\$48) (\$82) EPAM NonCore C&I PBOP Balancing Account (PBOPBA) EPAM NonCore C&I 100% 86% 14% (\$9) (\$38) (\$47) (\$9) (\$11) (\$28) (\$47) EPAM NonCore C&I Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission % CYPM 100% 57% 43% \$12 \$331 \$34 \$12 \$32 \$300 \$344 % CYPM Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution %HPD Peak Month 100% 57% 43% \$13 \$35 \$48 | Compression Services Balancing Account (CSBA) | All NGV | | | | | | | | | \$0 | | |
| Noncore Storage Balancing Account (NSBA) Noncore Storage Balancing Account (NSBA) EPAM NonCore C&I 100% 86% 14% (\$15) (\$66) (\$82) (\$15) (\$19) (\$48) (\$82) EPAM NonCore C&I PBOP Balancing Account (PBOPBA) EPAM NonCore C&I 100% 86% 14% (\$9) (\$38) (\$47) (\$9) (\$11) (\$28) (\$47) EPAM NonCore C&I PBOP Balancing Account (PBOPBA) Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission % CYPM 100% 57% 43% \$12 \$331 \$344 \$12 \$32 \$300 \$344 % CYPM Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution % HPD Peak Month 100% 57% 43% \$13 \$35 \$48 \$13 \$35 \$0 \$48 \$13 \$35 \$0 \$48 \$670 \$147 \$147 \$147 \$147 \$147 \$147 \$147 \$147 | Company-Use Fuel for Load Balancing Account (CUFLBA) | % AYTP | 100% | 59% | 41% | (\$6) | (\$146) | (\$152) | (\$5) | (\$14) | (\$132) | (\$152) | %AYTP |
| Pension Balancing Account (PBA) EPAM NonCore C&I 100% 86% 14% (\$15) (\$66) (\$82) (\$15) (\$19) (\$48) (\$82) EPAM NonCore C&I PBOP Balancing Account (PBOPBA) EPAM NonCore C&I 100% 86% 14% (\$9) (\$38) (\$47) (\$9) (\$11) (\$28) (\$47) EPAM NonCore C&I Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission % CYPM 100% 57% 43% \$12 \$331 \$344 \$12 \$32 \$300 \$344 % CYPM Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution %HPD Peak Month 100% 57% 43% \$12 \$331 \$344 \$12 \$32 \$300 \$344 % CYPM Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission % CYPM 100% 57% 43% \$91 \$2,443 \$2,534 \$88 \$238 \$2,209 \$2,534 % CYPM Safety Enhancement Expense Balancing Account (SECBA) - Local Transmission % CYPM 100% 57% 43% | , , | % AYTP | 100% | 59% | 41% | \$85 | \$2,155 | \$2,240 | \$77 | \$211 | \$1,952 | \$2,240 | %AYTP |
| PBOP Balancing Account (PBOPBA) EPAM NonCore C&I 100% 86% 14% (\$9) (\$38) (\$47) (\$9) (\$11) (\$28) (\$47) EPAM NonCore C&I Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission % CYPM 100% 57% 43% \$12 \$331 \$344 \$12 \$32 \$300 \$344 % CYPM Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution %HPD Peak Month 100% 57% 43% \$13 \$35 \$48 \$13 \$35 \$0 \$48 % CYPM Distribution Only Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission % CYPM 100% 57% 43% \$91 \$2,443 \$2,534 \$88 \$2.38 \$2,209 \$2,534 % CYPM Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution % HPD Peak Month 100% 57% 43% \$28 \$7,23 \$1,743 \$470 \$1,273 \$1,743 \$470 \$1,273 \$1,743 \$470 \$1,273 \$1,743 \$470 \$1,273 \$1,743 | | | | | | • | | | | | | | |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission % CYPM 100% 57% 43% \$12 \$331 \$344 \$12 \$32 \$300 \$344 % CYPM Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution % HPD Peak Month 100% 0% \$13 \$35 \$48 \$13 \$35 \$0 \$48 % CYPM Distribution Only Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission % CYPM 100% 57% 43% \$91 \$2,443 \$2,534 \$88 \$2.209 \$2,534 % CYPM Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution % HPD Peak Month 100% 57% 43% \$91 \$2,443 \$2,534 \$88 \$2.209 \$2,534 % CYPM Safety Enhancement Expense Balancing Account (SECCBA) - Distribution % HPD Peak Month 100% 57% 43% \$28 \$762 \$791 \$27 \$74 \$689 \$791 % CYPM Distribution Only Safety Enhancement Expense Balancing Account (SECBA) - Distribution % HPD Peak Month 100% 50% | Pension Balancing Account (PBA) | EPAM NonCore C&I | 100% | 86% | 14% | (\$15) | (\$66) | (\$82) | (\$15) | (\$19) | (\$48) | (\$82) | EPAM NonCore C&I |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution %HPD Peak Month 100% 100% 0% \$13 \$35 \$48 \$13 \$35 \$0 \$48 % CYPM Distribution Only Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission % CYPM 100% 57% 43% \$91 \$2,443 \$2,534 \$88 \$2,209 \$2,534 % CYPM Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution %HPD Peak Month 100% 57% 43% \$1,273 \$1,743 \$470 \$1,273 \$0 \$1,743 % CYPM Distribution Only Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission % CYPM 100% 57% 43% \$28 \$762 \$791 \$27 \$74 \$68 \$79 \$CYPM Distribution Only Safety Enhancement Expense Balancing Account (SEEBA) - Distribution % HPD Peak Month 100% 50% \$107 \$289 \$30 \$10 \$396 \$70 \$89 \$79 \$289 \$90 \$90 \$90 \$80 \$10 \$80 \$10 | PBOP Balancing Account (PBOPBA) | EPAM NonCore C&I | 100% | 86% | 14% | (\$9) | (\$38) | (\$47) | (\$9) | (\$11) | (\$28) | (\$47) | EPAM NonCore C&I |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission % CYPM 100% 57% 43% \$91 \$2,443 \$2,534 \$88 \$2,38 \$2,209 \$2,534 % CYPM Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution %HPD Peak Month 100% 57% 43% \$470 \$1,273 \$470 \$1,273 \$0 \$1,743 % CYPM Distribution Only Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission % CYPM 100% 57% 43% \$28 \$762 \$791 \$27 \$74 \$689 \$791 % CYPM Safety Enhancement Expense Balancing Account (SEEBA) - Distribution % HPD Peak Month 100% 57% 43% \$28 \$762 \$791 \$27 \$74 \$689 \$791 % CYPM Safety Enhancement Expense Balancing Account (SEEBA) - Distribution %HPD Peak Month 100% 50 \$107 \$289 \$396 \$107 \$289 \$0 \$396 % CYPM Distribution Only Research Development and Demonstration Expense Account (RDDEA) EPAM NonCore C&I 100% | Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | % CYPM | 100% | 57% | 43% | \$12 | \$331 | \$344 | \$12 | \$32 | \$300 | \$344 | % CYPM |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution %HPD Peak Month 100% 100% 50% \$470 \$1,273 \$1,743 \$0 \$1,743 % CYPM Distribution Only Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission % CYPM 100% 57% 43% \$28 \$762 \$791 \$27 \$74 \$689 \$791 % CYPM Safety Enhancement Expense Balancing Account (SEEBA) - Distribution %HPD Peak Month 100% 50% \$107 \$289 \$396 \$107 \$289 \$0 \$396 \$CYPM Distribution Only Research Development and Demonstration Expense Account (RDDEA) EPAM NonCore C&I 100% 86% 14% \$0 | Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | %HPD Peak Month | 100% | | 0% | \$13 | \$35 | \$48 | \$13 | \$35 | \$0 | \$48 | % CYPM Distribution Only |
| Safety Enhancement Expense Balancing Account (SEBA) - Local Transmission % CYPM 100% 57% 43% \$28 \$762 \$791 \$27 \$74 \$689 \$791 % CYPM Safety Enhancement Expense Balancing Account (SEBA) - Distribution %HPD Peak Month 100% 100% \$107 \$289 \$396 \$107 \$289 \$0 \$396 % CYPM Distribution Only Research Development and Demonstration Expense Account (RDDEA) EPAM NonCore C&I 100% 86% 14% \$0 \$0 \$0 \$0 \$0 \$0 EPAM NonCore C&I Research Royalty Memorandum Account (RRMA) EPAM NonCore C&I 100% 86% 14% \$(\$0) (\$2) (\$2) (\$0) \$(\$1) \$(\$2) EPAM NonCore C&I | Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | % CYPM | 100% | 57% | 43% | \$91 | \$2,443 | \$2,534 | \$88 | \$238 | \$2,209 | \$2,534 | % CYPM |
| Safety Enhancement Expense Balancing Account (SEBA) - Distribution %HPD Peak Month 100% 100% \$107 \$289 \$396 \$107 \$289 \$0 \$396 \$CYPM Distribution Only Research Development and Demonstration Expense Account (RDDEA) EPAM NonCore C&I 100% 86% 14% \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$PAM NonCore C&I Research Royalty Memorandum Account (RRMA) EPAM NonCore C&I 100% 86% 14% (\$0) (\$2) (\$2) (\$0) (\$1) (\$2) EPAM NonCore C&I | Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | %HPD Peak Month | 100% | 100% | 0% | \$470 | \$1,273 | \$1,743 | \$470 | \$1,273 | \$0 | \$1,743 | % CYPM Distribution Only |
| Research Development and Demonstration Expense Account (RDDEA) EPAM NonCore C&I 100% 86% 14% \$0 <td>Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission</td> <td>% CYPM</td> <td>100%</td> <td>57%</td> <td>43%</td> <td>\$28</td> <td>\$762</td> <td>\$791</td> <td>\$27</td> <td>\$74</td> <td>\$689</td> <td>\$791</td> <td>% CYPM</td> | Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | % CYPM | 100% | 57% | 43% | \$28 | \$762 | \$791 | \$27 | \$74 | \$689 | \$791 | % CYPM |
| Research Royalty Memorandum Account (RRMA) EPAM NonCore C&I 100% 86% 14% (\$0) (\$2) (\$0) (\$1) (\$2) EPAM NonCore C&I | Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | %HPD Peak Month | 100% | 100% | 0% | \$107 | \$289 | \$396 | \$107 | \$289 | \$0 | \$396 | % CYPM Distribution Only |
| | Research Development and Demonstration Expense Account (RDDEA) | EPAM NonCore C&I | 100% | 86% | 14% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | EPAM NonCore C&I |
| Self-Generation Program Memorandum Account (SGPMA) % AYTP 100% 59% 41% \$912 \$23,166 \$24,077 \$826 \$2,270 \$20,982 \$24,077 %AYTP | Research Royalty Memorandum Account (RRMA) | EPAM NonCore C&I | 100% | 86% | 14% | (\$0) | (\$2) | (\$2) | (\$0) | (\$0) | (\$1) | (\$2) | EPAM NonCore C&I |
| | Self-Generation Program Memorandum Account (SGPMA) | % AYTP | 100% | 59% | 41% | \$912 | \$23,166 | \$24,077 | \$826 | \$2,270 | \$20,982 | \$24,077 | %AYTP |
| System Operator Gas Account (SOGA) | System Operator Gas Account (SOGA) | % AYTP | 100% | 59% | 41% | \$1 | \$28 | \$29 | \$1 | \$3 | \$25 | \$29 | %AYTP |
| Natural Gas Appliance Testing Memo Account (NGATMA) EPAM NonCore C&I 100% 86% 14% \$0 \$0 \$0 \$0 \$0 \$0 \$0 EPAM NonCore C&I | , , , | EPAM NonCore C&I | 100% | 86% | 14% | | \$0 | | | | | | EPAM NonCore C&I |
| Rewards & Penalties Balancing Account (RPBA) EPAM NonCore C&I 100% 86% 14% \$3 \$14 \$18 \$3 \$4 \$10 \$18 EPAM NonCore C&I | | EPAM NonCore C&I | 100% | 86% | 14% | \$3 | \$14 | \$18 | \$3 | \$4 | \$ 10 | \$18 | EPAM NonCore C&I |

| COST COMPONENTS 900°S Total 1% Tier 2 Regulatory Accounts 4 Tier 2 Regulatory Account (ATFA) 48.2% 22.8% Biythe Operational Flow Requirement Memorandum Account (BOFBMA) 100% 81.2% 22.8% Blythe Operational Flow Requirement Memorandum Account (RPSPMA) 00% 0.0% 0.0% FERG Settlement Proceeds Memorandum Account (FSPMA) 0% 0.0% 0.0% FERG Settlement Proceeds Memorandum Account (FSPMA) 100% 18.2% 22.8% GRCRRMA Sub allocation for AB32 Admin Fees 100% 18.2% 22.8% GENCRIBLE TAX REPAIRS ENEFITS MEMORANDUM ACCOUNT (DTRBMA) 100% 18.2% 22.8% DEDIVIDITIBLE TAX REPAIRS ENEFITS MEMORANDUM ACCOUNT (DTRBMA) 100% 18.2% 22.8% Firm Access & Storage Rights Memorandum Account (ERRSMA) 100% 3.4% 9.4% Core Fixed Cost Account - NOV (CPCA) 100% 3.4% 9.4% Core Fixed Cost Account - NOV (CPCA) 100% 3.4% 9.4% Economic Practicality Shortfall Memorandum Account (CSTTPMA) 100% 3.5% 2.2.8% | |
|--|----------------|
| Alfillatia Transfer Fea Account (ATFA) 100% 18.2% 22.8% Bigyse Conditional Upgrading Services Balancing Account (BCSBA) 100% 81.2% 22.8% Biythe Operational Flow Requirement Memorandum Account (BOFRMA) 100% 3.4% 9.4% Disconnect Memorandum Account (DMA) 0% 0.0% 0.0% GRORRMA Sub allocation for ABS2 Admin Fees 100% 18.2% 22.8% GRORRMA Sub allocation for ABS2 Admin Fees 100% 9.1% 25.2% DEDUCTIBLE TAX REPAIRS EENETIS MEMORANDUM ACCOUNT (DTRBMA) 100% 18.2% 22.8% DEDUCTIBLE TAX REPAIRS EENETIS SENGER 100% 18.2% 22.8% Firm Access & Storage Rights Memorandum Account (FORRMA) 100% 18.2% 22.8% Firm Access & Storage Rights Memorandum Account (EPSMA) 100% 3.4% 9.4% Core Fixed Cost Account - NnGV (CFCA) 100% 3.4% 9.4% Core Fixed Cost Account - NnGV (CFCA) 100% 3.4% 9.4% Core Fixed Cost Account - NnGV (CFCA) 100% 3.4% 9.4% Core Fixed Cost Account - NnGV (CFCA) 100% | EG-T |
| Biogas Conditioning/Ungrading Services Balancing Account (BOFRMA) 100% 18.2% 22.8% Biythe Operational Flow Requirement Memorandum Account (BOFRMA) 00% 3.4% 9.4% Disconnect Memorandum Account (DMA) 00% 0.0% 0.0% FERC Settlement Proceeds Memorandum Account (FSPMA) 00% 0.0% 0.0% General Rate Case Revenue Requirement Memorandum Account (GRCMA) 100% 18.2% 22.8% GRCRRMA Sub allocation for AB32 Admin Fees 100% 19.1% 25.2% GRCRRMA Sub allocation for AB32 Admin Fees 100% 18.2% 22.8% Distributed Energy Resources Svcs Bal Account (DERSBA) 100% 18.2% 22.8% Distributed Energy Resources Svcs Bal Account (PGRASMA) 100% 3.4% 9.4% Core Fixed Cost Account - Non NGV (CFCA) 100% 3.4% 9.4% Core Fixed Cost Account - Non VICY (CFCA) 100% 3.4% 9.4% Economic Practicality Shortfall Memorandum Account (EPSMA) 100% 3.4% 9.4% Economic Practicality Shortfall Memorandum Account (CSTFPMA) 100% 3.4% 9.4% Enhance | 59.0% |
| Blyths Operational Flow Requirement Memorandum Account (BOFRMA) 100% 3.4% 9.4% Disconnett Memorandum Account (DMA) 0% 0.0% 0.0% FERC Settlement Proceeds Memorandum Account (FSPMA) 0% 0.0% 0.0% GRORRMA Sub allocation for ABS2 Admin Fees 100% 9.1% 22.8% GRORRMA Sub allocation for ABS2 Admin Fees 100% 9.1% 25.2% DEDUCTBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) 100% 18.2% 22.8% DEDUCTBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) 100% 18.2% 22.8% Firm Access & Storage Rights Memorandum Account (FGRSMA) 100% 3.4% 9.4% Core Fixed Cost Account - Non NGV (CFCA) 100% 3.4% 9.4% Core Fixed Cost Account - Non NGV (CFCA) 100% 3.4% 9.4% Core Fixed Cost Account - Non NGV (CFCA) 100% 3.4% 9.4% Core Fixed Cost Account - Non NGV (CFCA) 100% 3.4% 9.4% Core Fixed Cost Account - Non NGV (CFCA) 100% 3.4% 9.4% California Solar Insistive Thermal Memorandum Account (CSTPMA) < | |
| Disconnect Memorandum Account (DMA) 0% 0.0% 0.0% FERC Settlement Proceeds Memorandum Account (FSPMA) 0% 0.0% 0.0% General Rate Case Revenue Requirement Memorandum Account (GRCMA) 100% 18.2% 22.8% GRCRRMA Sub allocation for AB32 Admin Fees 100% 19.7% 25.2% DEDUCTIBLE TAX REPAIRS BEINFETS MEMORANDUM ACCOUNT (DTRBMA) 100% 18.2% 22.8% Distributed Energy Resources Sives Bal Account (DERSBA) 100% 3.4% 9.4% Core Fixed Cost Account - Non NOV (CFCA) 100% 3.4% 9.4% Core Fixed Cost Account - Non NOV (CFCA) 100% 3.4% 9.4% Orre Fixed Cost Account - Nor (CFCA) 100% 3.4% 9.4% Core Fixed Cost Account - Repail Control (CFCA) 100% 3.4% 9.4% Economic Practicality Shortfall Memorandum Account (CSTPMA) 100% 3.4% 9.4% Echance Coll Recovery Account (EORA) 100% 3.4% 9.4% Enhanced Dil Recovery Account EFBA 100% 13.4% 9.4% Enhanced English Management Program Memorandum Account (TIMFBA - Local T) | 59.0% |
| FERC Settlement Proceeds Memorandum Account (FSPMA) 0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% | 87.1% |
| Generial Rate Case Revenue Requirement Memorandum Account (GRCMA) 100% 18.2% 22.8% GRCRRMA Sub allocation for AB32 Admin Fees 100% 9.1% 25.2% DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) 100% 18.2% 22.8% Distributed Energy Resources Svors Bal Account (DERSBA) 100% 18.2% 22.8% Erim Access & Storage Rights Memorandum Account (FARSMA) 100% 3.4% 9.4% Core Fixed Cost Account - Non NGV (CFCA) 100% 3.4% 9.4% On-Bill Financing Balancing Account (OBFBA) 100% 3.4% 9.4% On-Bill Financing Balancing Account (OBFBA) 100% 3.4% 9.4% Core Fixed Cost Account - Non VGV (CFCA) 100% 3.4% 9.4% Core Fixed Cost Account - Non VGV (CFCA) 100% 3.4% 9.4% Core Fixed Cost Account - Non VGV (CFCA) 100% 3.4% 9.4% Core Fixed Cost Account - Non VGV (CFCA) 100% 3.4% 9.4% Conditions Solar Initiative Thermal Memorandum Account (ESTMA) 100% 3.4% 9.4% California Solar Initiative Thermal Memorandum Account (CSTPMA) 100% 3.4% 9.4% California Solar Initiative Thermal Memorandum Account (CSTPMA) 100% 18.2% 22.8% Environmental Fee Balance Account EFBA 100% 100% 18.2% 22.8% Distribution Integrity Management Program Memorandum Account (DIMPBA) 100% 18.2% 22.8% Distribution Integrity Management Program Memorandum Account (DIMPBA) 100% 18.2% 22.8% Green House Gas Balancing Account (GHGBA) - Company Gas Compressor 100% 3.4% 9.4% Green House Gas Balancing Account (GHGBA) - End User 100% 5.2% 22.3% Green House Gas Balancing Account (GHGBA) - End User 100% 3.4% 9.4% Hazardous Substance Cost-Recovery Account (GHGBA) - End User 100% 3.4% 9.4% Hazardous Substance Cost-Recovery Account (GHGBA) - End User 100% 3.4% 9.4% Hazardous Substance Cost-Recovery Account (GHGBA) - Find User 100% 3.4% 9.4% Hazardous Substance Cost-Recovery Account (GHGBA) - Find User 100% 3.4% 9.4% Hazardous Substance Cost-Recovery Account (GHGBA) - GAT Subaccount 100% 3.4% 9.4% Hazardous Substance Cost-Recovery Account (GHGBA) - GAT Subaccount 100% 3.4% 9.4% 100% 3.4% 9.4% 100% 3.4% 9.4% 100% 3.4% 9.4% 100% 3.4% 9.4% 100% 3.4% 9.4% 100% 3.4% 9.4% 100% 3.4% 9.4% 100% 3.4% 9.4% 10 | 0.0% |
| GRCRRMA Sub allocation for AB32 Admin Fees DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) 100% 18.2% 22.8% Distributed Energy Resources Svcs Bal Account (DERSBA) 100% 18.2% 22.8% Distributed Energy Resources Svcs Bal Account (DERSBA) 100% 3.4% 9.4% Core Fixed Cost Account - NoN (VGCA) 100% 3.4% 9.4% Core Fixed Cost Account - NoN (VGCA) 100% 3.4% 9.4% Core Fixed Cost Account - NoN (VGCA) 100% 3.4% 9.4% Core Fixed Cost Account - NoN (VGCA) 100% 3.4% 9.4% Core Fixed Cost Account - NoN (VGCA) 100% 100% 18.2% 22.8% Economic Practicality Shortfall Memorandum Account (EPSMA) 100% 18.2% 100% 18.2% 100% 18.2% 22.8% Economic Practicality Shortfall Memorandum Account (CSITPMA) 100% 18.2% 100% 18.2% 22.8% Economic Practicality Shortfall Memorandum Account (CSITPMA) 100% 18.2% 22.8% Economic Practicality Shortfall Memorandum Account (CIMPBA) 100% 18.2% 22.8% Environmental Fee Balance Account EFBA 100% 18.2% 100% 18.2% 18.2% 18.2% 18.2% Environmental Fee Balance Account (EGRA) 100% 18.2% 22.8% 18.2% | 0.0% |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDIUM ACCOUNT (DTRBMA) 100% 18.2% 22.8% Distributed Energy Resources Svcs Bal Account (DERSBA) 100% 18.2% 22.8% Firm Access & Storage Rights Memorandum Account (FARSMA) 100% 3.4% 9.4% Core Fixed Cost Account - Non NGV (CFCA) 100% 3.4% 9.4% Core Fixed Cost Account - NOR V (CFCA) 100% 3.4% 9.4% On-Bill Financing Balancing Account (GBFBA) 100% 3.4% 9.4% Centomic Practicality Shortfall Memorandum Account (ESTPMA) 100% 3.4% 9.4% California Solar Inistive Thermal Memorandum Account (ESTPMA) 100% 18.2% 22.8% Environmental Fee Balance Account (EGRA) 100% 18.2% 22.8% Environmental Fee Balance Account (EHGBA) 100% 18.2% 22.8% Distribution Integrity Management Program Memorandum Account (TIMPBA - Local T) 100% 3.5% 9.4% Green House Gas Balancing Account (GHGBA) - End User 100% 3.4% 9.4% Green House Gas Balancing Account (GHGBA) - LUAF 100% 3.4% 9.4% Haz | 59.0% |
| Distributed Energy Resources Svcs Bal Account (DERSBA) 100% 18.2% 22.8% Firm Access & Storage Rights Memorandum Account (FARSMA) 100% 3.4% 9.4% Core Fixed Cost Account - NoN (CFCA) 100% 3.4% 9.4% Core Fixed Cost Account - NoN (CFCA) 100% 3.4% 9.4% On-Bill Financing Balancing Account (OBFBA) 100% 3.4% 9.4% California Solar Initative Thermal Memorandum Account (ESTPMA) 100% 3.4% 9.4% California Solar Initative Thermal Memorandum Account (CSTPMA) 100% 3.4% 9.4% Environmental Fee Balance Account EFBA 100% 18.2% 22.8% Environmental Fee Balance Account EFBA 100% 18.2% 22.8% Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) 100% 3.5% 9.4% Green House Gas Balancing Account (GHGBA) - Company Gas Compressor 100% 3.4% 9.4% Green House Gas Balancing Account (GHGBA) - LUAF 100% 3.4% 9.4% Green House Gas Balancing Account (GHGBA) - LUAF 100% 3.4% 9.4% House of Var | 65.7% |
| Firm Access & Storage Rights Memorandum Account (FARSMA) 100% 3.4% 9.4% Core Fixed Cost Account - Non NGV (CFCA) 100% 3.4% 9.4% On-Bill Financing Balancing Account (OBFBA) 100% 18.2% 22.8% Economic Practically Shortfall Memorandum Account (ESPMA) 100% 3.4% 9.4% California Solar Iniative Thermal Memorandum Account (ESPMA) 100% 3.4% 9.4% California Solar Iniative Thermal Memorandum Account (CSITPMA) 100% 3.4% 9.4% California Solar Iniative Thermal Memorandum Account (CSITPMA) 100% 3.4% 9.4% Enhanced Oil Recovery Account (EORA) 100% 18.2% 22.8% Environmental Fee Balance Account EFBA 100% 9.1% 25.2% Environmental Fee Balance Account EFBA 100% 9.1% 25.2% 100% 18.2% 22.8% 100% 19.1% 100% 18.2% 22.8% 100% 19.1% 100% 18.2% 22.8% 100% 19.1% 100% 18.2% 22.8% 100% 100% 18.2% 22.8% 100% 19.1% 100% 18.2% 22.8% 100% 19.1% 100% 18.2% 22.8% 100% 19.1% 100% 18.2% 22.8% 100% 19.1% 100% 18.2% 22.8% 100% 19.1% 100% 18.2% 22.8% 100% 19.1% 100 | 59.0% |
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| Noncore Fixed Cost Account (NFCA) Margin 100% 18.2% 22.8% Noncore Fixed Cost Account (NFCA) Nonmargin 100% 3.4% 9.4% Integrated Transmission Balancing Account (ITBA) Margin 100% 3.4% 9.4% Integrated Transmission Balancing Account (ITBA) Nonmargin 100% 3.4% 9.4% Compressor Station Fuel and Power Balancing Account (CFPBA) 100% 3.4% 9.4% Compression Services Balancing Account (CSBA) 100% 3.4% 9.4% Company-Use Fuel for Load Balancing Account (SBA) 100% 3.4% 9.4% System Reliability Memorandum Account (SRMA) 100% 3.4% 9.4% Noncore Storage Balancing Account (NSBA) 100% 3.4% 9.4% Pension Balancing Account (PBA) 100% 18.2% 22.8% PBOP Balancing Account (PBOPBA) 100% 18.2% 22.8% Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission 100% 27.0% 73.0% Safety Enhancement Expense Balan | 59.0% |
| Noncore Fixed Cost Account (NFCA) Nonmargin 100% 3.4% 9.4% Integrated Transmission Balancing Account (ITBA) Margin 100% 3.4% 9.4% Integrated Transmission Balancing Account (ITBA) Nonmargin 100% 3.4% 9.4% Integrated Transmission Balancing Account (ITBA) Nonmargin 100% 3.4% 9.4% Compressor Station Fuel and Power Balancing Account (CFPBA) 100% 3.4% 9.4% Compression Services Balancing Account (CSBA) Company-Use Fuel for Load Balancing Account (CUFLBA) 100% 3.4% 9.4% System Reliability Memorandum Account (SRMA) 100% 3.4% 9.4% Noncore Storage Balancing Account (NSBA) 100% 3.4% 9.4% Pension Balancing Account (PBA) 100% 18.2% 22.8% PBOP Balancing Account (PBA) 100% 18.2% 22.8% PBOP Balancing Account (PBA) - Local Transmission 100% 3.5% 9.4% Safety and Reliability Memo Acct (PSRMA) - Distribution 100% 27.0% 73.0% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SECBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) | 59.0% |
| Integrated Transmission Balancing Account (ITBA) Margin 100% 3.4% 9.4% Integrated Transmission Balancing Account (ITBA) Nonmargin 100% 3.4% 9.4% Compressor Station Fuel and Power Balancing Account (CSPBA) 100% 3.4% 9.4% Compension Services Balancing Account (CSBA) 100% 3.4% 9.4% Company-Use Fuel for Load Balancing Account (SRMA) 100% 3.4% 9.4% System Reliability Memorandum Account (SRMA) 100% 3.4% 9.4% Noncore Storage Balancing Account (NSBA) 100% 3.4% 9.4% Pension Balancing Account (PBA) 100% 18.2% 22.8% PBOP Balancing Account (PBOPBA) 100% 18.2% 22.8% Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution 100% 3.5% 9.4% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SECBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% | 59.0% |
| Integrated Transmission Balancing Account (ITBA) Nonmargin 100% 3.4% 9.4% Compressor Station Fuel and Power Balancing Account (CFPBA) 100% 3.4% 9.4% Compression Services Balancing Account (CSBA) 8.4% 8.4% Company-Use Fuel for Load Balancing Account (CUFLBA) 100% 3.4% 9.4% System Reliability Memorandum Account (SRMA) 100% 3.4% 9.4% Noncore Storage Balancing Account (NSBA) 100% 3.4% 9.4% Pension Balancing Account (PBA) 100% 18.2% 22.8% PBOP Balancing Account (PBOPBA) 100% 18.2% 22.8% Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution 100% 3.5% 9.4% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SECBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% | 87.1% |
| Compressor Station Fuel and Power Balancing Account (CFPBA) Compression Services Balancing Account (CUFLBA) Company-Use Fuel for Load Balancing Account (SEMA) System Reliability Memorandum Account (SRMA) Noncore Storage Balancing Account (NSBA) Pension Balancing Account (NSBA) Pension Balancing Account (PBOPBA) 100% 18.2% 22.8% PBOP Balancing Account (PBOPBA) Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission 100% 3.5% 9.4% Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution 100% 27.0% 73.0% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SECBA) - Local Transmission 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SECBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% Self-Generation Program Memorandum Account (RDDEA) 100% 18.2% 22.8% Self-Generation Program Memorandum Account (SGPMA) 100% 3.4% 9.4% | 87.1% |
| Compressor Station Fuel and Power Balancing Account (CFPBA) Compression Services Balancing Account (CUFLBA) Company-Use Fuel for Load Balancing Account (SEMA) System Reliability Memorandum Account (SRMA) Noncore Storage Balancing Account (NSBA) Pension Balancing Account (NSBA) Pension Balancing Account (PBOPBA) 100% 18.2% 22.8% PBOP Balancing Account (PBOPBA) Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission 100% 3.5% 9.4% Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution 100% 27.0% 73.0% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SECBA) - Local Transmission 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SECBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% Self-Generation Program Memorandum Account (RDDEA) 100% 18.2% 22.8% Self-Generation Program Memorandum Account (SGPMA) 100% 3.4% 9.4% | 87.1% |
| Company-Use Fuel for Load Balancing Account (CUFLBA) 100% 3.4% 9.4% System Reliability Memorandum Account (SRMA) 100% 3.4% 9.4% Noncore Storage Balancing Account (NSBA) 100% 3.4% 9.4% Pension Balancing Account (PBA) 100% 18.2% 22.8% PBOP Balancing Account (PBOPBA) 100% 18.2% 22.8% Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission 100% 3.5% 9.4% Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution 100% 27.0% 73.0% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SECBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (REBEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (REBEBA) - Distribution 100% | 87.1% |
| Company-Use Fuel for Load Balancing Account (CUFLBA) 100% 3.4% 9.4% System Reliability Memorandum Account (SRMA) 100% 3.4% 9.4% Noncore Storage Balancing Account (NSBA) 100% 3.4% 9.4% Pension Balancing Account (PBA) 100% 18.2% 22.8% PBOP Balancing Account (PBOPBA) 100% 18.2% 22.8% Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission 100% 3.5% 9.4% Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution 100% 27.0% 73.0% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SECCBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Research Development and Demonstration Expense Account (RDDEA) 100% | |
| System Reliability Memorandum Account (SRMA) 100% 3.4% 9.4% Noncore Storage Balancing Account (NSBA) 100% 3.4% 9.4% Pension Balancing Account (PBA) 100% 18.2% 22.8% PBOP Balancing Account (PBOPBA) 100% 18.2% 22.8% Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission 100% 3.5% 9.4% Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution 100% 27.0% 73.0% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SECBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | 87.1% |
| Noncore Storage Balancing Account (NSBA) 100% 3.4% 9.4% Pension Balancing Account (PBA) 100% 18.2% 22.8% PBOP Balancing Account (PBOPBA) 100% 18.2% 22.8% Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission 100% 3.5% 9.4% Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution 100% 27.0% 73.0% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SECBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% Research Development and Demonstration Expense Account (RDDEA) 100% 18.2% 22.8% Research Royalty Memorandum Account (RRMA) 100% 18.2% 22.8% Self-Generation Program Memorandum Account (SGPMA) 100% | 87.1% |
| Pension Balancing Account (PBA) 100% 18.2% 22.8% PBOP Balancing Account (PBOPBA) 100% 18.2% 22.8% Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission 100% 3.5% 9.4% Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution 100% 27.0% 73.0% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SECBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% Research Development and Demonstration Expense Account (RDDEA) 100% 18.2% 22.8% Research Royalty Memorandum Account (RRMA) 100% 3.4% 9.4% Self-Generation Program Memorandum Account (SGPMA) | 87.1% |
| PBOP Balancing Account (PBOPBA) 100% 18.2% 22.8% Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission 100% 3.5% 9.4% Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution 100% 27.0% 73.0% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SECCBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% Research Development and Demonstration Expense Account (RDDEA) 100% 18.2% 22.8% Research Royalty Memorandum Account (RRMA) 100% 18.2% 22.8% Self-Generation Program Memorandum Account (SGPMA) 100% 3.4% 9.4% System Operator Gas Account (SOGA) 3.4% 9.4% | 59.0% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission 100% 3.5% 9.4% Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution 100% 27.0% 73.0% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% Research Development and Demonstration Expense Account (RDDEA) 100% 18.2% 22.8% Research Royalty Memorandum Account (RRMA) 100% 18.2% 22.8% Self-Generation Program Memorandum Account (SGPMA) 100% 3.4% 9.4% System Operator Gas Account (SOGA) 100% 3.4% 9.4% | 59.0% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution 100% 27.0% 73.0% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% 73.0% Research Development and Demonstration Expense Account (RDDEA) 100% 18.2% 22.8% Research Royalty Memorandum Account (RRMA) 100% 18.2% 22.8% Self-Generation Program Memorandum Account (SGPMA) 100% 3.4% 9.4% System Operator Gas Account (SOGA) 100% 3.4% 9.4% | 87.2% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% Research Development and Demonstration Expense Account (RDDEA) 100% 18.2% 22.8% Research Royalty Memorandum Account (RRMA) 100% 18.2% 22.8% Self-Generation Program Memorandum Account (SGPMA) 100% 3.4% 9.4% System Operator Gas Account (SOGA) 100% 3.4% 9.4% | 0.0% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution 100% 27.0% 73.0% Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% Research Development and Demonstration Expense Account (RDDEA) 100% 18.2% 22.8% Research Royalty Memorandum Account (RRMA) 100% 18.2% 22.8% Self-Generation Program Memorandum Account (SGPMA) 100% 3.4% 9.4% System Operator Gas Account (SOGA) 100% 3.4% 9.4% | 87.2% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission 100% 3.5% 9.4% Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% Research Development and Demonstration Expense Account (RDDEA) 100% 18.2% 22.8% Research Royalty Memorandum Account (RRMA) 100% 18.2% 22.8% Self-Generation Program Memorandum Account (SGPMA) 100% 3.4% 9.4% System Operator Gas Account (SOGA) 100% 3.4% 9.4% | 0.0% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution 100% 27.0% 73.0% Research Development and Demonstration Expense Account (RDDEA) 100% 18.2% 22.8% Research Royalty Memorandum Account (RRMA) 100% 18.2% 22.8% Self-Generation Program Memorandum Account (SGPMA) 100% 3.4% 9.4% System Operator Gas Account (SOGA) 100% 3.4% 9.4% | 87.2% |
| Research Development and Demonstration Expense Account (RDDEA) 100% 18.2% 22.8% Research Royalty Memorandum Account (RRMA) 100% 18.2% 22.8% Self-Generation Program Memorandum Account (SGPMA) 100% 3.4% 9.4% System Operator Gas Account (SOGA) 100% 3.4% 9.4% | 0.0% |
| Research Royalty Memorandum Account (RRMA) 100% 18.2% 22.8% Self-Generation Program Memorandum Account (SGPMA) 100% 3.4% 9.4% System Operator Gas Account (SOGA) 100% 3.4% 9.4% | 59.0% |
| Self-Generation Program Memorandum Account (SGPMA) 100% 3.4% 9.4% System Operator Gas Account (SOGA) 100% 3.4% 9.4% | 59.0% 59.0% |
| System Operator Gas Account (SOGA) 100% 3.4% 9.4% | 59.0% 87.1% |
| · | |
| Notural Cas Appliance Testing Mama Assount (NCATMA) | 87.1% |
| Natural Gas Appliance Testing Memo Account (NGATMA) 100% 18.2% 22.8% Rewards & Penalties Balancing Account (RPBA) 100% 18.2% 22.8% | 59.0% 59.0% |

COST COMPONENTS \$000's

Total Regulatory Accounts

COST COMPONENTS \$000's

Total Regulatory Accounts \$263,524

| | | | | | | | | | | | Total | | | |
|---------------------------|-----------|----------|--------|---------|---------|------------|----------|-----------|-----------|---------|------------|-------|---------|--|
| | | | | | | | Non Core | | | | Retail Non | Long | | |
| COST COMPONENTS \$000's | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core | C&I | EG Tier 1 | EG Tier 2 | EOR | Core | Beach | SDG&E | |
| Total Regulatory Accounts | \$145,248 | \$58.175 | \$22 | \$1.126 | \$3.150 | \$207.721 | \$17.785 | \$1.689 | \$35.612 | \$1,384 | \$56.470 | \$423 | \$2.103 | |

| | South | | Total | | | Total Non | Total System | | | | |
|---------------------------|----------|--------|------------|--------|-----|-----------|--------------|---------|-----------|--------|---|
| COST COMPONENTS \$000's | West Gas | Vernon | Whole sale | Ecogas | TBS | Core | \$000 | | | Source | |
| Total Regulatory Accounts | \$411 | \$426 | \$3,362 | \$513 | \$0 | \$60,345 | \$268,066 | \$4,542 | \$263,524 | | • |

COST COMPONENTS \$000's

Allocation

Allocation %

| | | | | | | | | | | | | Total | |
|---------------------------|--------|-------|-------|--------|---------|------|-------|------|-------|-------|------|--------|--|
| | | | | | | | | Non | EG <3 | EG>=3 | | Retail | |
| | Total | | Core | | | | Total | Core | mmth | mmth | | Non | |
| COST COMPONENTS \$000's | System | Resid | C&I | NR A/C | Gas Eng | NGV | Core | C&I | /yr | /yr | EOR | Core | |
| Total Regulatory Accounts | | 54.2% | 21.7% | 0.0% | 0.4% | 1.2% | 77.5% | 6.6% | 0.6% | 13.3% | 0.5% | 21.1% | |

NCCI Allocation

•

| | | | Sout | | Total | | | Total | | |
|---------------------------|-------|-------|------|--------|-------|--------|------|-------|--------------------------|-----------------|
| | Long | | West | | Whole | | | Non | Total Allocated to | Total Allocated |
| COST COMPONENTS \$000's | Beach | SDG&E | Gas | Vernon | sale | Ecogas | TBS | Core | NCCI NCCI-D NCCI | T to NCCI |
| Total Regulatory Accounts | 0.2% | 0.8% | 0.2% | 0.2% | 1.3% | 0.2% | 0.0% | 22.5% | \$17,785 \$12,473 \$5,31 | 2 \$17,785 |

EG Allocation

Alocation Factors Separate Distribution from Transmission

| | | | | | | | Total | | | | Total | |
|---------------------------|-------------------|---------|--------|--------|--------------------|------------------|--------------|---------|---------|----------|--------------|-------------------|
| | | | NCCI - | NCCI - | Total Allocated to | Total Allocated | Allocated to | EG-D | EG-D | | Allocated to | |
| COST COMPONENTS \$000's | Allocation Method | Total % | D | Т | EG Tier 1 (1) | to EG Tier 2 (1) | EG | Tier 1 | Tier 2 | EG-T | EG | Allocation Method |
| Total Regulatory Accounts | • | | | | \$1,689 | \$35,612 | \$37,301 | \$1,579 | \$4,734 | \$30,988 | \$37,301 | • |

 COST COMPONENTS \$000's
 EG-D
 Tier
 EG-D

 Total %
 1
 Tier 2

Total Regulatory Accounts

EG-T

COST COMPONENTS \$000's

| Core Interstate Pipeline Demand Charges (IPDC) | Y |
|---|---|
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | |
| EOR Revenue allocated to Other Classes \$000 | |
| EOR Costs allocated to Other Classes \$000 | |
| Gas Engine Rate CAP adjustment | N |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | |
| Average Rate w/oFAR \$/th | |
| FFU Rate | |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | |
| Sempra Wide & TLS Adjustments:: | |
| Transport Rev Reg w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | |
| SW NGV Adjustment | |
| SW EG Adjustment | |
| SW LG Adjustment | |
| TLS Adjustment | |
| Amount allocated to TLS Class \$000 | |
| TLS revenue paid by class @ average TLS rate \$000 | |
| | |
| Transport Rev Reg w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | |
| Rate Tables | |
| difference | |
| | _ |
| AYTP Mth/yr | |
| Average Rate w/oBTS \$/th | |
| Rate Tables | |
| difference | |
| BTS w/FFU Charge \$000 | |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | |
| Average Rate w/ BTS \$/th | |
| Rate Tables | |
| difference | |
| | |
| | |
| Effective Allocation %'s: | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | |
| - · · · · · · · · · · · · · · · · · · · | |

Calculation of Alloction Factors:

Forecast AYTP Mth/yr Forecast AYTP Dist only mth/yr Forecast CYTP Mth/yr Forecast # Customers

Forecast CYPM Mth/mo

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

COST COMPONENTS \$000's

| Core Interstate Pipeline Demand Charges (IPDC) | \$0 |
|---|-----------|
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | \$326,006 |
| EOR Revenue allocated to Other Classes \$000 | |
| EOR Costs allocated to Other Classes \$000 | |
| Gas Engine Rate CAP adjustment | \$6,813 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | |
| AVEDACE VEAD TUDOUCUDUT/a FOD Mah/ | |

AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr

Average Rate w/oFAR \$/th

wordgo ridio wo

AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr

Sempra Wide & TLS Adjustments::

Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr SW NGV Adjustment SW EG Adjustment

TLS Adjustment

Amount allocated to TLS Class \$000

TLS revenue paid by class @ average TLS rate \$000

Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

Rate Tables difference

AYTP Mth/yr

Average Rate w/oBTS \$/th

Rate Tables

difference

BTS w/FFU Charge \$000

Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr

Average Rate w/ BTS \$/th

Rate Tables

difference

Effective Allocation %'s:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

Calculation of Alloction Factors:

Forecast AYTP Mth/yr Forecast AYTP Dist only mth/yr Forecast CYTP Mth/yr Forecast # Customers

Forecast CYPM Mth/mo

| | | | | | | | Non Core | | | | Total Retail Non | Long | |
|---|-------------|-----------|-----------|-----------|-----------|-------------|------------|-----------|------------|-----------|---------------------|----------------------|------------------|
| COST COMPONENTS \$000's | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core | C&I | EG Tier 1 | EG Tier 2 | EOR | Core | Beach | SDG&E |
| Core Interstate Pipeline Demand Charges (IPDC) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | \$1,742,460 | \$377,069 | \$66 | \$10,477 | \$26,463 | \$2,156,535 | \$94,541 | \$12,656 | \$86,449 | \$9,448 | \$203,095 | \$2,349 | \$24,611 |
| EOR Revenue allocated to Other Classes \$000 | (\$11,314) | (\$2,269) | (\$0) | (\$67) | (\$162) | (\$13,812) | (\$534) | (\$78) | (\$339) | | (\$951) | (\$13) | (\$152) |
| EOR Costs allocated to Other Classes \$000 | \$7,143 | \$1,433 | \$0 | \$42 | \$102 | \$8,721 | \$337 | \$49 | \$214 | (\$9,448) | (\$8,848) | \$8 | \$96 |
| Gas Engine Rate CAP adjustment | \$5,608 | \$1,125 | \$0 | (\$6,813) | \$80 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$1,743,897 | \$377,357 | \$66 | \$3,639 | \$26,484 | \$2,151,443 | \$94,345 | \$12,627 | \$86,325 | \$0 | \$193,296 | \$2,344 | \$24,555 |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | 2,346,353 | 992,706 | 416 | 22,302 | 178,769 | 3,540,545 | 1,545,814 | 97,615 | 2,480,164 | | 4,123,593 | 79,646 | 1,118,614 |
| Average Rate w/oFAR \$/th | \$0.74324 | \$0.38013 | \$0.15857 | \$0.16318 | \$0.14814 | \$0.60766 | \$0.06103 | \$0.12936 | \$0.03481 | \$0.00000 | \$0.04688 | \$0.02943 | \$0.02195 |
| FFU Rate | 101.74% | 101.74% | 101.74% | 101.74% | 101.74% | | 101.74% | 101.74% | 101.74% | 100.00% | | 101.43% | 101.43% |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | 2,346,353 | 992,706 | 416 | 22,302 | 178,769 | 3,540,545 | 1,545,814 | 97,615 | 2,480,164 | 208,941 | 4,332,534 | 79,646 | 1,118,614 |
| Sempra Wide & TLS Adjustments:: | | | | | | | | | | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$1,743,897 | \$377,357 | \$66 | \$3,639 | \$26,484 | \$2,151,443 | \$94,345 | | \$98.952 | | \$193,296 | \$2.344 | \$24,555 |
| SW NGV Adjustment | **** | ***** | *** | 40,000 | (\$292) | (\$292) | ** ',* ' | | 400,000 | | \$0 | *= ,* · · | 4 = 1,000 |
| SW EG Adjustment | | | | | (+) | \$0 | | | (\$989) | | (\$989) | | |
| -··· | | | | | | ** | | | (+) | | (4000) | | |
| TLS Adjustment | | | | | | | | | | | | | |
| Amount allocated to TLS Class \$000 | | | | | | \$0 | (\$16,633) | | (\$68,489) | | (\$85,121) | (\$2,344) | |
| TLS revenue paid by class @ average TLS rate \$000 | | | | | | \$0 | \$20,333 | | \$64,375 | | \$84,708 | \$2,260 | |
| <u> </u> | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$3,700 | | (\$4,113) | | (\$413) | (\$85) | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | \$1,743,897 | \$377,357 | \$66 | \$3,639 | \$26,192 | \$2,151,151 | \$98,045 | | \$93,849 | | \$191,894 | \$2,260 | \$24,555 |
| Rate Tables | \$1,743,897 | \$377,357 | \$66 | \$3,639 | \$26,192 | \$2,151,151 | \$98,045 | | \$93,849 | | \$191,894 | \$2,260 | \$24,555 |
| difference | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | \$0 | | \$0 | \$0 | \$0 |
| | | | | | | | | | | | | | |
| AYTP Mth/yr | 2,346,353 | 992,706 | 416 | 22,302 | 178,769 | 3,540,545 | 1,545,814 | | 2,577,778 | | 4,123,593 | 79,646 | 1,118,614 |
| Average Rate w/oBTS \$/th | \$0.74324 | \$0.38013 | \$0.15857 | \$0.16318 | \$0.14651 | \$0.60758 | \$0.06343 | | \$0.03641 | | \$0.04654 | \$0.02837 | \$0.02195 |
| Rate Tables | \$0.74324 | \$0.38013 | \$0.15857 | \$0.16318 | \$0.14651 | \$0.60758 | \$0.06343 | | \$0.03641 | | \$0.04654 | \$0.02837 | \$0.02195 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | | \$0.00000 | | \$0.00000 | \$0.00000 | \$0.00000 |
| BTS w/FFU Charge \$000 | \$68,785 | \$27,538 | \$11 | \$594 | \$4,758 | \$101,685 | \$41,250 | \$2,598 | \$66,009 | \$5,561 | \$115,419 | \$2,298 | \$30,553 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | \$1,812,682 | \$404,895 | \$77 | \$4,233 | \$30,950 | \$2,252,836 | \$139,295 | \$2,598 | \$159,859 | \$5,561 | \$307,313 | \$4,558 | \$55,108 |
| Average Rate w/ BTS \$/th | \$0.77255 | \$0.40787 | \$0.18519 | \$0.18979 | \$0.17313 | \$0.63630 | \$0.09011 | \$0.02661 | \$0.06445 | | \$0.07453 | \$0.05723 | \$0.04926 |
| Rate Tables | | | | | | | | | | | | | |
| difference | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Effective Allocation %'s: | | | | | | | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | 71.2% | 14.7% | 0.0% | 0.4% | 1.1% | 87.5% | 4.5% | 0.6% | 4.1% | 0.5% | 9.7% | 0.2% | 2.2% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 75.3% | 15.1% | 0.0% | 0.4% | 1.1% | 92.0% | 3.6% | 0.5% | 2.3% | 0.4% | 6.7% | 0.1% | 1.0% |
| Transport Rev Reg w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | 73.3% | 15.9% | 0.0% | 0.2% | 1.1% | 90.5% | 4.0% | 0.5% | 3.6% | 0.0% | 8.1% | 0.1% | 1.0% |
| Transport Rev Reg w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | 73.3% | 15.9% | 0.0% | 0.2% | 1.1% | 90.5% | 4.1% | 0.0% | 3.9% | 0.0% | 8.1% | 0.1% | 1.0% |
| | | , , , | | | , | | | | | | | | |

<u>Calculation of Alloction Factors:</u> Forecast AYTP Mth/yr Forecast AYTP Dist only mth/yr Forecast CYTP Mth/yr Forecast # Customers Forecast CYPM Mth/mo

| | South | | Total | | | Total Non | Total System | | | |
|---|-----------|-----------|------------|-----------|-----------|------------|--------------|-----|-----|--------------------|
| COST COMPONENTS \$000's | West Gas | Vernon | Whole sale | Ecogas | TBS | Core | \$000 | | | Source |
| , | | | | | | | 7-0-0 | | | |
| Core Interstate Pipeline Demand Charges (IPDC) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 2009FC @ 9/10/2007 |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | \$2,226 | \$2,157 | \$31,343 | \$2,347 | \$0 | \$236,785 | \$2,393,319 | | | |
| EOR Revenue allocated to Other Classes \$000 | (\$13) | (\$12) | (\$189) | (\$12) | \$0 | (\$1,152) | (\$14,964) | | | EOR |
| EOR Costs allocated to Other Classes \$000 | \$8 | \$7 | \$119 | \$8 | \$0 | (\$8,721) | \$0 | | | EOR |
| Gas Engine Rate CAP adjustment | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | | G-EN |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$2,221 | \$2,153 | \$31,274 | \$2,342 | \$0 | \$226,912 | \$2,378,355 | | | |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | 66,431 | 96,890 | 1,361,582 | 116,299 | 0 | 5,601,473 | 9,142,019 | | | Alloc Factors |
| Average Rate w/oFAR \$/th | \$0.03344 | \$0.02222 | \$0.02297 | \$0.02014 | \$0.00000 | \$0.04051 | \$0.26016 | | | |
| FFU Rate | 101.43% | 101.43% | | 101.43% | 101.74% | | | | | Misc Incput |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | 66,431 | 96,890 | 1,361,582 | 116,299 | 0 | 5,810,415 | 9,350,960 | | | |
| · | | | \$6,719 | | | | | | | |
| Sempra Wide & TLS Adjustments:: | | | | | | | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$2,221 | \$2,153 | \$31,274 | \$2,342 | \$0 | \$226,912 | \$2,378,355 | | | |
| SW NGV Adjustment | | | \$0 | | | \$0 | (\$292) | | | |
| SW EG Adjustment | | | \$0 | | | (\$989) | (\$989) | | | |
| | | | | | | | | | | |
| TLS Adjustment | | | | | | | | | | |
| Amount allocated to TLS Class \$000 | (\$2,221) | (\$2,153) | (\$6,719) | (\$2,342) | | (\$94,182) | (\$94,182) | | | |
| TLS revenue paid by class @ average TLS rate \$000 | \$1,885 | \$2,749 | \$6,893 | \$3,300 | | \$94,901 | \$94,901 | | | |
| - | (\$337) | \$596 | \$175 | \$957 | \$0 | \$719 | \$719 | | | |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | \$1,885 | \$2,749 | \$31,448 | \$3,300 | \$0 | \$226,642 | \$2,377,793 | | | |
| Rate Tables | \$1,885 | \$2,749 | \$31,448 | \$3,300 | \$0 | \$226,642 | \$2,377,793 | | | |
| difference | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | | |
| | | | | | | | | | | |
| AYTP Mth/yr | 66,431 | 96,890 | 1,361,582 | 116,299 | | 5,601,473 | 9,142,019 | | | |
| Average Rate w/oBTS \$/th | \$0.02837 | \$0.02837 | \$0.02310 | \$0.02837 | | \$0.04046 | \$0.26009 | | | |
| Rate Tables | \$0.02837 | \$0.02837 | | \$0.02837 | | | \$0.26009 | | | |
| difference | \$0.00000 | \$0.00000 | | \$0.00000 | | | \$0.00000 | | | |
| | | | | | | | | | | |
| BTS w/FFU Charge \$000 | \$1,911 | \$2,713 | \$37,474 | \$3,095 | \$0 | \$155,988 | \$257,673 | | | SI & FAR |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | \$3,795 | \$5,462 | \$68,923 | \$6,395 | \$0 | \$382,630 | \$2,635,467 | | | |
| Average Rate w/ BTS \$/th | \$0.05713 | \$0.05637 | \$0.05062 | \$0.05499 | | \$0.06831 | \$0.28828 | | | |
| Rate Tables | | | | | | | \$2,635,467 | | | |
| difference | | | | | | | \$0 | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Effective Allocation %'s: | | | | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | 0.1% | 0.2% | 2.7% | 0.2% | 0.0% | 12.5% | 100.0% | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 8.0% | 100.0% | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 9.5% | 100.0% | | | |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 9.5% | 100.0% | | | |

<u>Calculation of Alloction Factors:</u> Forecast AYTP Mth/yr Forecast AYTP Dist only mth/yr Forecast CYTP Mth/yr Forecast # Customers

Forecast CYPM Mth/mo

| Core EPAM excl G-EN |
|---------------------|
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| Core EPAM excl G-EN |
| Core EPAM excl G-EN |
| Core EPAM excl G-EN |
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Calculation of Alloction Factors:

Forecast AYTP Mth/yr Forecast AYTP Dist only mth/yr Forecast CYTP Mth/yr Forecast # Customers Forecast CYPM Mth/mo

Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

Allocation %

| COST COMPONENTS \$000's | Total System | Resid | Core C&I | NR A/C | Gas Eng | NGV | Total Core | Non Core C&I | EG <3 mmth /yr | EG>=3 mmth /yr | EOR | Total Retail Non Core |
|---|-----------------|-------|-------------|--------|---------|------|---------------|--------------------|----------------------|----------------------|------|--------------------------------|
| Core Interstate Pipeline Demand Charges (IPDC) | 100.0% | 66.3% | 28.0% | 0.0% | 0.6% | 5.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | | | | | | | | | | | | |
| EOR Revenue allocated to Other Classes \$000 | | | | | | | | | | | | |
| EOR Costs allocated to Other Classes \$000 | | | | | | | | | | | | |
| Gas Engine Rate CAP adjustment | ####### | 82.3% | 16.5% | 0.0% | -100.0% | 1.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | osts |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | | | | | | |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | | | | | | | | | | | | |
| Average Rate w/oFAR \$/th | | | | | | | | | | | | |
| FFU Rate | | | | | | | | | | | | |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | | | | | | | | | | | | |
| Sempra Wide & TLS Adjustments:: Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr SW NGV Adjustment SW EG Adjustment | | | | | | | | | | | | |
| TLS Adjustment | | | | | | | | | | | | |
| Amount allocated to TLS Class \$000 | | | | | | | | | | | | |
| TLS revenue paid by class @ average TLS rate \$000 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | | | | | | | | | | | | |
| Rate Tables | | | | | | | | | | | | |
| difference | | | | | | | | | | | | |
| AYTP Mth/yr Average Rate w/oBTS \$/th | | | | | | | | | | | | |
| Rate Tables | | | | | | | | | | | | |
| difference | | | | | | | | | | | | |
| BTS w/FFU Charge \$000 | | | | | | | | | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | | | | | | | | | | | | |
| Average Rate w/ BTS \$/th | | | | | | | | | | | | |
| Rate Tables | | | | | | | | | | | | |
| difference | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Effective Allocation %'s: | | | | | | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | | | | | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | | | | | | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | | | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | | | | | | | | | | | | |

Calculation of Alloction Factors:

Forecast AYTP Mth/yr Forecast AYTP Dist only mth/yr Forecast CYTP Mth/yr Forecast # Customers Forecast CYPM Mth/mo

NCCI Allocation

A

| | | | Sout | | Total | | | Total | | | | |
|---|-------|-------|------|--------|-------|----------|------|--------|-----------------------|-----------|------------|-----------------|
| COOT COMPONENTS \$2001 | Long | 00005 | West | | Whole | - | TDO | Non | Total Allocated to | NOO! D | NOOLT | Total Allocated |
| COST COMPONENTS \$000's | Beach | SDG&E | Gas | Vernon | sale | Ecogas | TBS | Core | NCCI | NCCI-D | NCCI-T | to NCCI |
| Core Interstate Pipeline Demand Charges (IPDC) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Reg before EOR & G-EN CAP adjustments \$000 | , | , | | | | | | | \$94,541 | \$77,882 | \$16,659 | \$94,541 |
| EOR Revenue allocated to Other Classes \$000 | | | | | | | | | (\$534) | (\$461) | (\$72) | (\$534) |
| EOR Costs allocated to Other Classes \$000 | | | | | | | | | \$337 | \$291 | \$46 | \$337 |
| Gas Engine Rate CAP adjustment | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | ###### | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | | | \$94,345 | \$77,712 | \$16,633 | \$94,345 |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | | | | | | | | | 1,545,814 | 919,735 | 626,080 | 1,545,814 |
| Average Rate w/oFAR \$/th | | | | | | | | | \$0.06103 | \$0.08449 | \$0.02657 | \$0.06103 |
| FFU Rate | | | | | | | | | 101.74% | 101.74% | 101.74% | 101.74% |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | | | | | | | | | 1,545,814 | 919,735 | 626,080 | 1,545,814 |
| | | | | | | | | | | | | |
| Sempra Wide & TLS Adjustments:: | | | | | | | | | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | | | \$94,345 | \$77,712 | \$16,633 | \$94,345 |
| SW NGV Adjustment | | | | | | | | | | | | \$0 |
| SW EG Adjustment | | | | | | | | | | | | \$0 |
| | | | | | | | | | | | | |
| TLS Adjustment | | | | | | | | | | | | \$0 |
| Amount allocated to TLS Class \$000 | | | | | | | | | (\$94,345) | | (\$16,633) | (\$16,633) |
| TLS revenue paid by class @ average TLS rate \$000 | | | | | | | | | \$20,333 | | \$20,333 | \$20,333 |
| | | | | | | | | | (\$74,012) | \$0 | \$3,700 | \$3,700 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | | | | | | | | | \$20,333 | \$77,712 | \$20,333 | \$98,045 |
| Rate Tables | | | | | | | | | | | | |
| difference | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| AYTP Mth/yr | | | | | | | | | 1,545,814 | 919,735 | 626,080 | 1,545,814 |
| Average Rate w/oBTS \$/th | | | | | | | | | | | | |
| Rate Tables | | | | | | | | | | | | |
| difference | | | | | | | | | | | | |
| BTS w/FFU Charge \$000 | | | | | | | | | \$41,250 | \$24,585 | \$16,666 | \$41,250 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | | | | | | | | | \$41,230 \$135,595 | \$102,297 | \$33,298 | \$135,595 |
| Average Rate w/ BTS \$/th | | | | | | | | | \$0.08772 | \$0.11122 | \$0.05319 | \$0.08772 |
| Rate Tables | | | | | | | | | ψ0.00172 | ψ0.11122 | ψ0.00010 | ψ0.00772 |
| difference | | | | | | | | | | | | |

Effective Allocation %'s:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

Calculation of Alloction Factors:

Forecast AYTP Mth/yr 1,545,814 919,735 626,080 1,545,814 Forecast AYTP Dist only mth/yr Forecast CYTP Mth/yr 1,549,897 923,717 626,181 1,549,897 Forecast # Customers 593 563 30 593 Forecast CYPM Mth/mo 140,247 79,400 60,847 140,247

EG Allocation

| | | Alocation | n Facto | rs_ | Separate Distribu | tion from Transn | nission | | | | | |
|---|-------------------|-----------|---------|--------|--------------------|------------------|-----------|-----------|-----------|------------|--------------|-------------------|
| | | | | | | | Total | | | | Total | |
| | | | | NCCI - | Total Allocated to | | | EG-D | EG-D | | Allocated to | |
| COST COMPONENTS \$000's | Allocation Method | Total % | D | Т | EG Tier 1 (1) | to EG Tier 2 (1) | EG | Tier 1 | Tier 2 | EG-T | EG | Allocation Method |
| Core Interstate Pipeline Demand Charges (IPDC) | % AYTP | 100% | 59% | 41% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | %AYTP |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | | | | | \$12,656 | \$86,449 | \$99,105 | \$12,207 | \$18,319 | \$68,579 | \$99,105 | |
| EOR Revenue allocated to Other Classes \$000 | EPAM NonCore C&I | 100% | 86% | 14% | (\$78) | (\$339) | (\$417) | (\$76) | (\$95) | (\$246) | (\$417) | EPAM NonCore C&I |
| EOR Costs allocated to Other Classes \$000 | EPAM NonCore C&I | 100% | 86% | 14% | \$49 | \$214 | \$263 | \$48 | \$60 | \$155 | \$263 | EPAM NonCore C&I |
| Gas Engine Rate CAP adjustment | EPAM NonCore C&I | 100% | 86% | 14% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | EPAM NonCore C&I |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | | \$12,627 | \$86,325 | \$98,952 | \$12,179 | \$18,284 | \$68,489 | \$98,952 | |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | | | | | 97,615 | 2,480,164 | 2,577,778 | 88,449 | 242,993 | 2,246,336 | 2,577,778 | |
| Average Rate w/oFAR \$/th | | | | | \$0.12936 | \$0.03481 | \$0.03839 | \$0.13770 | \$0.07524 | \$0.03049 | \$0.03839 | |
| FFU Rate | | | | | 101.7% | 101.7% | 101.7% | 101.7% | 101.7% | 101.7% | 101.7% | |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | | | | | 97,615 | 2,480,164 | 2,577,778 | 88,449 | 242,993 | 2,246,336 | 2,577,778 | |
| • | | | | | | | | | | | | |
| Sempra Wide & TLS Adjustments:: | | | | | | | | | | | | |
| Transport Rev Reg w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | | \$12,179 | \$18,284 | \$68,489 | \$98,952 | |
| SW NGV Adjustment | | | | | | | | | | | | |
| SW EG Adjustment | | | | | | | | (\$575) | (\$414) | | (\$989) | |
| | | | | | | | | | | | \$0 | |
| TLS Adjustment | | | | | | | | | | | | |
| Amount allocated to TLS Class \$000 | | | | | | | | | | (\$68,489) | (\$68,489) | |
| TLS revenue paid by class @ average TLS rate \$000 | | | | | | | | | | \$64,375 | \$64,375 | |
| · · · · · · · · · · · · · · · · · · · | | | | | | | | \$0 | \$0 | (\$4,113) | (\$4,113) | |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | | | | | | | | \$11,604 | \$17,870 | \$64,375 | \$93,849 | |
| Rate Tables | | | | | | | | | | | | |
| difference | | | | | | | | | | | | |
| AYTP Mth/yr | | | | | | | | 00.440 | 242.002 | 0.040.000 | 0 577 770 | |
| Average Rate w/oBTS \$/th | | | | | | | | 88,449 | 242,993 | 2,246,336 | 2,577,778 | |
| Rate Tables | | | | | | | | | | | | |
| difference | | | | | | | | | | | | |
| dillerence | | | | | | | | | | | | |
| BTS w/FFU Charge \$000 | % CYTP | 100% | 60% | 40% | \$2,598 | \$66,009 | \$68,607 | \$2,354 | \$6,467 | \$59,786 | \$68,607 | %CYTP |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | | | | | \$15,225 | \$152,334 | \$167,559 | \$14,533 | \$24,751 | \$128,275 | \$167,559 | |
| Average Rate w/ BTS \$/th | | | | | \$0.15597 | \$0.06142 | \$0.06500 | \$0.16431 | \$0.10186 | \$0.05710 | \$0.06500 | |
| Rate Tables | | | | | | | | | | | | |
| difference | | | | | | | | | | | | |
| | | | | | | | | | | | | |

Effective Allocation %'s:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

| Calculation of Alloction Factors: | | Alocation | on Factors | | | | | |
|-----------------------------------|---------------|-----------|-------------|-----------|--------|---------|-----------|------------------------------------|
| Forecast AYTP Mth/yr | % AYTP | 100% | 59.5% 40.5% | 2,577,778 | 88,449 | 242,993 | 2,246,336 | Alloc Factors %AYTP |
| Forecast AYTP Dist only mth/yr | | | | 331,442 | 88,449 | 242,993 | 0 | %AYTP Dist Only |
| Forecast CYTP Mth/yr | % CYTP | 100% | 59.6% 40.4% | 2,577,778 | 88,449 | 242,993 | 2,246,336 | Alloc Factors %CYTP |
| Forecast # Customers | % # Customers | 100% | 95.0% 5.0% | 389 | 308 | 30 | 51 | Alloc Factors % Forecast Customers |
| Forecast CYPM Mth/mo | % CYPM | 100% | 56.6% 43.4% | 216,917 | 7,515 | 20,356 | 189,046 | Alloc Factors % CYPM |

| | | EG-D Tier | EG-D | |
|---|---------|-----------|--------|-------|
| COST COMPONENTS \$000's | Total % | 1 | Tier 2 | EG-T |
| Core Interstate Pipeline Demand Charges (IPDC) | 100% | 3.4% | 9.4% | 87.1% |
| Transport Rev Reg before EOR & G-EN CAP adjustments \$000 | | | | |
| EOR Revenue allocated to Other Classes \$000 | 100% | 18.2% | 22.8% | 59.0% |
| EOR Costs allocated to Other Classes \$000 | 100% | 18.2% | 22.8% | 59.0% |
| Gas Engine Rate CAP adjustment | 100% | 18.2% | 22.8% | 59.0% |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | | | | |
| Average Rate w/oFAR \$/th | | | | |
| FFU Rate | | | | |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | | | | |
| | | | | |
| Sempra Wide & TLS Adjustments:: | | | | |
| Transport Rev Reg w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | |
| SW NGV Adjustment | | | | |
| SW EG Adjustment | | | | |
| on 20 najadinan | | | | |
| TLS Adjustment | | | | |
| Amount allocated to TLS Class \$000 | | | | |
| TLS revenue paid by class @ average TLS rate \$000 | | | | |
| The forested pand by stade of arounge file fate \$600 | | | | |
| Transport Rev Reg w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | | | | |
| Rate Tables | | | | |
| difference | | | | |
| | | | | |
| AYTP Mth/yr | | | | |
| Average Rate w/oBTS \$/th | | | | |
| Rate Tables | | | | |
| difference | | | | |
| | | | | |
| BTS w/FFU Charge \$000 | 100% | 3.4% | 9.4% | 87.1% |
| Transport Rev Reg w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | | | | |
| Average Rate w/ BTS \$/th | | | | |
| Rate Tables | | | | |
| difference | | | | |
| | | | | |
| | | | | |
| Effective Allocation %'s: | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | |
| Transport Rev Reg w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | |
| | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | | | | |

Calculation of Alloction Factors:

| Calculation of Alloction Factors. | | | | |
|-----------------------------------|--------|-------|-------|-------|
| Forecast AYTP Mth/yr | 100.0% | 3.4% | 9.4% | 87.1% |
| Forecast AYTP Dist only mth/yr | 100.0% | 26.7% | 73.3% | 0.0% |
| Forecast CYTP Mth/yr | 100.0% | 3.4% | 9.4% | 87.1% |
| Forecast # Customers | 100.0% | 79.2% | 7.7% | 13.0% |
| Forecast CYPM Mth/mo | 100.0% | 3.5% | 9.4% | 87.2% |

COST COMPONENTS \$000's

CYPM Dist Only mth/mo
CYPD
Base Margin Costs from CA Model including FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

California Air Resources Board AB 32 Implementation Fee Regulation

AYTP Mth/yr all customers Mth/y
Less: EG Exempt Customers Mth/y
AYTP Mth/yr of Non-Exempt Customers Mth/y

Exempt EG D Tier 1
Exempt EG-D Tier 2:

Exempt EG-T:

Total Exempt EG-T Total EG Exempt

GHG Fee Adder

AYTP Mth/yr all customers Mth/y
Less: GHG Charge Exempt Customers Mth/y
AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y

COST COMPONENTS \$000's

CYPM Dist Only mth/mo
CYPD
Base Margin Costs from CA Model including FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

California Air Resources Board AB 32 Implementation Fee Regulation

AYTP Mth/yr all customers Mth/y
Less: EG Exempt Customers Mth/y
AYTP Mth/yr of Non-Exempt Customers Mth/y

Exempt EG D Tier 1
Exempt EG-D Tier 2:

Exempt EG-T:

Total Exempt EG-T Total EG Exempt

GHG Fee Adder

AYTP Mth/yr all customers Mth/y
Less: GHG Charge Exempt Customers Mth/y
AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y

Total Long Non Core Retail Non COST COMPONENTS \$000's Res Core C&I NR A/C Gas Eng NGV Total Core C&I EG Tier 1 EG Tier 2 EOR Core Beach SDG&E

CYPM Dist Only mth/mo

CYPD

Base Margin Costs from CA Model including FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

California Air Resources Board AB 32 Implementation Fee Regulation

AYTP Mth/yr all customers Mth/y
Less: EG Exempt Customers Mth/y
AYTP Mth/yr of Non-Exempt Customers Mth/y

Exempt EG D Tier 1
Exempt EG-D Tier 2:

Exempt EG-T:

Total Exempt EG-T Total EG Exempt

GHG Fee Adder

AYTP Mth/yr all customers Mth/y
Less: GHG Charge Exempt Customers Mth/y
AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y

South Total Non Total Non Total System

COST COMPONENTS \$000's West Gas Vernon Whole sale Ecogas TBS Core \$000 Source

CYPM Dist Only mth/mo

CYPD

Base Margin Costs from CA Model including FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

California Air Resources Board AB 32 Implementation Fee Regulation

AYTP Mth/yr all customers Mth/y
Less: EG Exempt Customers Mth/y
AYTP Mth/yr of Non-Exempt Customers Mth/y

Exempt EG D Tier 1
Exempt EG-D Tier 2:

Exempt EG-T:

Total Exempt EG-T Total EG Exempt

GHG Fee Adder

AYTP Mth/yr all customers Mth/y
Less: GHG Charge Exempt Customers Mth/y
AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y

COST COMPONENTS \$000's

Allocation

CYPM Dist Only mth/mo
CYPD
Base Margin Costs from CA Model including FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

California Air Resources Board AB 32 Implementation Fee Regulation

AYTP Mth/yr all customers Mth/y
Less: EG Exempt Customers Mth/y
AYTP Mth/yr of Non-Exempt Customers Mth/y

Exempt EG D Tier 1
Exempt EG-D Tier 2:

Exempt EG-T:

Total Exempt EG-T Total EG Exempt

GHG Fee Adder

AYTP Mth/yr all customers Mth/y
Less: GHG Charge Exempt Customers Mth/y
AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y

SoCalGas Cost Allocation 2020 TCAP Application

Allocation %

| | | | | | | | | | | | Total |
|-------------------------|--------|-------|------|----------------|-----|-------|------|-------|-------|-----|--------|
| | | | | | | | Non | EG <3 | EG>=3 | | Retail |
| | Total | | Core | | | Total | Core | mmth | mmth | | Non |
| COST COMPONENTS \$000's | System | Resid | C&I | NR A/C Gas Eng | NGV | Core | C&I | /yr | /yr | EOR | Core |

CYPM Dist Only mth/mo

CYPD

Base Margin Costs from CA Model including FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

California Air Resources Board AB 32 Implementation Fee Regulation

AYTP Mth/yr all customers Mth/y
Less: EG Exempt Customers Mth/y
AYTP Mth/yr of Non-Exempt Customers Mth/y

Exempt EG D Tier 1
Exempt EG-D Tier 2:

Exempt EG-T:

Total Exempt EG-T Total EG Exempt

GHG Fee Adder

AYTP Mth/yr all customers Mth/y
Less: GHG Charge Exempt Customers Mth/y
AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y

Less: GHG Charge Exempt Customers Mth/y

NCCI Allocation

Present

•

| COST COMPONENTS \$000's CYPM Dist Only mth/mo | Long Beach | SDG&E | Sout West Gas | Vernon | Total Whole sale | Ecogas | TBS | Total Non Core | | ocated to | NCCI-D | NCCI-T | Total Allocated to NCCI |
|--|---------------|-------|---------------------|--------|------------------------|--------|-----|----------------------|---------------|---------------------------|---------------------------------|--------------------------------|-------------------------|
| CYPD Base Margin Costs from CA Model including FFU Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | | | | | | \$101 \$73 | 1,505 ,273 | \$80,163 \$63,337 | \$21,342 \$9,936 | |
| California Air Resources Board AB 32 Implementation Fee Regulation AYTP Mth/yr all customers Mth/y Less: EG Exempt Customers Mth/y AYTP Mth/yr of Non-Exempt Customers Mth/y | | | | | | | | | | | | | |
| Exempt EG D Tier 1 Exempt EG-D Tier 2: | | | | | | | | | | | | | |
| Exempt EG-T: Total Exempt EG-T Total EG Exempt | | | | | | | | | | | | | |
| GHG Fee Adder AYTP Mth/yr all customers Mth/y Less: GHG Charge Exempt Customers Mth/y AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y | | | | | | | | | (1,09 | 5,814 (6,102) (,712 | 919,735 (548,830) 370,905 | 626,080 (547,272) 78,807 | _ |

Less: GHG Charge Exempt Customers Mth/y

(516,229)

(577,131)

SoCalGas Cost Allocation 2020 TCAP Application

Less: GHG Charge Exempt Customers Mth/y

EG Allocation

| 2020 TOAL Application | | | | | LO Allocation | | | | | | | |
|--|---------------------------------------|----------|----------------|-------------|------------------------|----------------------------------|--|--------------------------------------|---------------------------------------|-------------------------------------|-----------------------------|---|
| | | Alocatio | n Factor | <u>rs</u> | Separate Distribu | ition from Transmi | ssion | | | | | |
| COST COMPONENTS \$000's | Allocation Method | Total % | | NCCI - T | | Total Allocated to EG Tier 2 (1) | Total Allocated to EG | EG-D Tier 1 | EG-D Tier 2 | EG-T | Total Allocated to EG | Allocation Method |
| CYPM Dist Only mth/mo CYPD Base Margin Costs from CA Model including FFU Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | % FFU in CA model EPAM NonCore C&I | | 79.0% 86.4% | | | | 27,871 8,366 \$104,182 \$57,225 | 7,515 246 \$12,041 \$10,430 | 20,356 657 \$17,463 \$13,037 | 0 7,463 \$74,678 \$33,758 | | % CYPM Distribution Only CYPD % FFU in CA model EPAM NonCore C&I |
| California Air Resources Board AB 32 Implementation Fee Regulation AYTP Mth/yr all customers Mth/y Less: EG Exempt Customers Mth/y AYTP Mth/yr of Non-Exempt Customers Mth/y | | | | | | - | 2,577,778 (1,612,617) 965,161 | 88,449 (409) 88,040 | 242,993 (158) 242,836 | 2,246,336 (1,612,051) 634,285 | | % ECPT exclExempt Customer |
| Exempt EG D Tier 1 Exempt EG-D Tier 2: | | | | | Old 798 1,036 | New 409 158 | | | | | | |
| Exempt EG-T: Total Exempt EG-T Total EG Exempt | | | | | 1,714,769 1,716,604 | 1,612,051 1,612,617 | | | | | | |
| GHG Fee Adder AYTP Mth/yr all customers Mth/y Less: GHG Charge Exempt Customers Mth/y AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y | % NonExempt | 100.0% | 82.5% | 17.5% | | | | | | | | % ECPT exclExempt Customer |

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Present

SoCalGas Cost Allocation 2020 TCAP Application

| | | EG-D Tier | EG-D | |
|--|---------|-----------|--------|-------|
| COST COMPONENTS \$000's | Total % | 1 | Tier 2 | EG-T |
| CYPM Dist Only mth/mo | 100.0% | 27.0% | 73.0% | 0.0% |
| CYPD | | | | |
| Base Margin Costs from CA Model including FFU | 100.0% | 11.6% | 16.8% | 71.7% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 100.0% | 18.2% | 22.8% | 59.0% |
| | | | | |

California Air Resources Board AB 32 Implementation Fee Regulation

AYTP Mth/yr all customers Mth/y

Less: EG Exempt Customers Mth/y

AYTP Mth/yr of Non-Exempt Customers Mth/y 100.00% 9.1% 25.2% 65.7%

Exempt EG D Tier 1

Exempt EG-D Tier 2:

Exempt EG-T:

Total Exempt EG-T Total EG Exempt

GHG Fee Adder

| AYTP Mth/yr all customers Mth/y | 2,577,778 | 88,449 | 242,993 | 2,246,336 |
|---|-------------|----------|-----------|-------------|
| Less: GHG Charge Exempt Customers Mth/y | (2,443,403) | (14,335) | (213,076) | (2,215,992) |
| AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y | 134,375 | 74,114 | 29,918 | 30,343 |
| | 100.00% | 55.2% | 22.3% | 22.6% |

Less: GHG Charge Exempt Customers Mth/y

(12,513) (182,293) (2,352,356)

| | B | 0 | ND 4/O | O F | Nov | Total Com | NonCore | 50 Tiv. 4 | 50.7 10 | 500 |
|--|-------------|-----------|--------|---------|----------|-------------|-----------|-----------|----------------|---------|
| INPUT: | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core | C&I | EG Tier 1 | EG Tier 2 | EOR |
| TCAP Period = 2017-2019 | | | | | | | | | | |
| | | | | | | | | | | |
| Peak Month = Usage during month of December during a Cold Year | | | | | | | | | | |
| Peak Day = peak day use under 1:35 year condition for core; | | | | | | | | | | |
| under 1:10 year condition for noncore | | | | | | | | | | |
| DIRECT (%'s Load or Cust/Mtrs Sum to 100%) | | | | | | | | | | |
| Transmission | | | | | | | | | | |
| Average Year Throughput (MTh) | 117 | 6,487 | 0 | 1,186 | 34,342 | 42,134 | 626,080 | 9,166 | 2,237,170 | 57,184 |
| Cold Year Throughput (1-in-35) (MTh) | 129 | 6,762 | 0 | 1,186 | 34,342 | 42,420 | 626,181 | 9,166 | 2,237,170 | 57,184 |
| Cold Year Peak Month (December) (MTh) | 20 | 769 | 0 | 52 | 2,828 | 3,668 | 60,847 | 291 | 188,755 | 4,857 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 1 | 38 | 0 | 2 | 91 | 132 | 2,005 | 9 | 7,454 | 157 |
| Number of Customers | 25 | 69 | 0 | 16 | 17 | 127 | 30 | 14 | 36 | 11 |
| High Pressure | | | | | | | | | | |
| Average Year Throughput (MTh) | 9,291 | 45,498 | 184 | 2,566 | 70,282 | 127,822 | 615,166 | 18,556 | 185,896 | 150,438 |
| Cold Year Throughput (1-in-35) (MTh) | 10,233 | 47,421 | 184 | 2,566 | 70,282 | 130,688 | 616,507 | 18,556 | 185,896 | 150,438 |
| Cold Year Peak Month (December) (MTh) | 1,556 | 5,391 | 12 | 112 | 5,787 | 12,857 | 52,062 | 1,526 | 15,479 | 12,777 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 96 | 264 | 0 | 4 | 187 | 550 | 1,737 | 49 | 500 | 412 |
| Number of Customers | 7,000 | 981 | 2 | 128 | 73 | 8,183 | 216 | 35 | 22 | 20 |
| Medium Pressure | | | | | | | | | | |
| Average Year Throughput (MTh) | 2,336,945 | 940,720 | 232 | 18,549 | 74,144 | 3,370,590 | 304,569 | 69,893 | 57,097 | 1,320 |
| Cold Year Throughput (1-in-35) (MTh) | 2,574,091 | 980,491 | 232 | 18,549 | 74,144 | 3,647,507 | 307,209 | 69,893 | 57,097 | 1,320 |
| Cold Year Peak Month (December) (MTh) | 391,330 | 111,469 | 15 | 809 | 6,105 | 509,728 | 27,338 | 5,989 | 4,876 | 112 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 24,072 | 5,457 | 0 | 26 | 197 | 29,752 | 996 | 197 | 157 | 4 |
| Number of Customers | 5,707,506 | 202,465 | 3 | 568 | 289 | 5,910,830 | 347 | 273 | 8 | 3 |
| CUMULATIVE (Calc'd from DIRECT %'s) | | | | | | | | | | |
| Transmission | 234,635 | 99,271 | 42 | 2,230 | 17,877 | 354,055 | 154,581 | 9,761 | 248,016 | 20,894 |
| Average Year Throughput (MTh) | 2,346,353 | 992,706 | 416 | 22,302 | 178,769 | 3,540,545 | 1,545,814 | 97,615 | 2,480,164 | 208,941 |
| Cold Year Throughput (1-in-35) (MTh) | 2,584,453 | 1,034,674 | 416 | 22,302 | 178,769 | 3,820,615 | 1,549,897 | 97,615 | 2,480,164 | 208,941 |
| Cold Year Peak Month (December) (MTh) | 392,906 | 117,629 | 26 | 973 | 14,720 | 526,253 | 140,247 | 7,806 | 209,111 | 17,746 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 24,168 | 5,759 | 1 | 31 | 475 | 30,434 | 4,738 | 255 | 8,111 | 572 |
| Number of Customers | 5,714,531 | 203,514 | 4 | 712 | 378 | 5,919,139 | 593 | 323 | 67 | 34 |
| High Pressure | | | | | | | | | | |
| Average Year Throughput (MTh) | 2,346,235 | 986,218 | 416 | 21,115 | 144,427 | 3,498,412 | 919,735 | 88,449 | 242,993 | 151,758 |
| Cold Year Throughput (1-in-35) (MTh) | 2,584,324 | 1,027,913 | 416 | 21,115 | 144,427 | 3,778,195 | 923,717 | 88,449 | 242,993 | 151,758 |
| Cold Year Peak Month (December) (MTh) | 392,886 | 116,860 | 26 | 921 | 11,892 | 522,586 | 79,400 | 7,515 | 20,356 | 12,889 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 24,167 | 5,721 | 1 | 30 | 384 | 30,302 | 2,733 | 246 | 657 | 416 |
| Number of Customers | 5,714,506 | 203,446 | 4 | 696 | 361 | 5,919,013 | 563 | 308 | 30 | 23 |
| Medium Pressure | -, , | , | | | | ,,- | | | | - |
| Average Year Throughput (MTh) | 2,336,945 | 940,720 | 232 | 18,549 | 74,144 | 3,370,590 | 304,569 | 69,893 | 57,097 | 1,320 |
| Cold Year Throughput (1-in-35) (MTh) | 2,574,091 | 980,491 | 232 | 18,549 | 74,144 | 3,647,507 | 307,209 | 69,893 | 57,097 | 1,320 |
| Cold Year Peak Month (December) (MTh) | 391,330 | 111,469 | 15 | 809 | 6,105 | 509,728 | 27,338 | 5,989 | 4,876 | 112 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 24,072 | 5,457 | 0 | 26 | 197 | 29,752 | 996 | 197 | 157 | 4 |
| Number of Customers | 5,707,506 | 202,465 | 3 | 568 | 289 | 5,910,830 | 347 | 273 | 8 | 3 |
| AYSales Mth/y | 3,707,000 | 202,700 | 0 | 500 | 200 | 3,310,000 | 071 | 210 | J | 0 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$1,552,890 | \$311,454 | \$41 | \$9,212 | \$22,242 | \$1,895,838 | \$73,273 | \$10,751 | \$46,474 | \$7,768 |

| | Total Retail | Long | | South | | Total Whole | | | Total | | |
|--|--------------|--------|-----------|----------|---------|-------------|----------|-----|-----------|--------------|-----------|
| | NonCore | Beach | SDG&E | West Gas | Vernon | sale | Mexicali | TBS | NonCore | Total System | Source |
| INPUT: | | | | | | | | | | | |
| TCAP Period = 2017-2019 | | | | | | | | | | | |
| Peak Month = Usage during month of December during a Cold Year | | | | | | | | | | | |
| Peak Day = peak day use under 1:35 year condition for core; | | | | | | | | | | | |
| under 1:10 year condition for noncore | | | | | | | | | | | |
| • | | | | | | | | | | | |
| DIRECT (%'s Load or Cust/Mtrs Sum to 100%) Transmission | | | | | | | | | | | |
| Average Year Throughput (MTh) | 2,929,599 | 79,646 | 1,118,614 | 66,431 | 96,890 | 1,361,582 | 116,299 | 0 | 4,407,480 | 4,449,614 | 2020 TCAP |
| Cold Year Throughput (1-in-35) (MTh) | 2,929,700 | 86,356 | 1,157,571 | 71,786 | 101,919 | 1,417,632 | 116,299 | 0 | 4,463,632 | 4,506,051 | 2020 TCAP |
| Cold Year Peak Month (December) (MTh) | 254,750 | 10,565 | 121,858 | 11,583 | 8,300 | 152,307 | 9,871 | 0 | 416,928 | 420,596 | 2020 TCAP |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 9,625 | 561 | 6,177 | 528 | 267 | 7,533 | 318 | 0 | 17,476 | 17,608 | 2020 TCAP |
| Number of Customers | 91 | 1 | 1 | 1 | 1 | 4 | 1 | 0 | 96 | 223 | 2020 TCAP |
| High Pressure | | | | | | | | | | | |
| Average Year Throughput (MTh) | 970,056 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 970,056 | 1,097,877 | 2020 TCAP |
| Cold Year Throughput (1-in-35) (MTh) | 971,397 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 971,397 | 1,102,085 | 2020 TCAP |
| Cold Year Peak Month (December) (MTh) | 81,845 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 81,845 | 94,702 | 2020 TCAP |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 2,698 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,698 | 3,249 | 2020 TCAP |
| Number of Customers | 293 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 293 | 8,476 | 2020 TCAP |
| Medium Pressure | | | | | | | | | | | |
| Average Year Throughput (MTh) | 432,879 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 432,879 | 3,803,469 | 2020 TCAP |
| Cold Year Throughput (1-in-35) (MTh) | 435,520 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 435,520 | 4,083,027 | 2020 TCAP |
| Cold Year Peak Month (December) (MTh) | 38,315 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38,315 | 548,043 | 2020 TCAP |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 1,353 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,353 | 31,105 | 2020 TCAP |
| Number of Customers | 632 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 632 | 5,911,462 | 2020 TCAP |
| CUMULATIVE (Calc'd from DIRECT %'s) | | | | | | | | | | | |
| Transmission | 433,253 | 7,965 | 111,861 | 6,643 | 9,689 | 136,158 | 11,630 | 0 | 581,041 | 935,096 | |
| Average Year Throughput (MTh) | 4,332,534 | 79,646 | 1,118,614 | 66,431 | 96,890 | 1,361,582 | 116,299 | | 5,810,415 | 9,350,960 | |
| Cold Year Throughput (1-in-35) (MTh) | 4,336,617 | 86,356 | 1,157,571 | 71,786 | 101,919 | 1,417,632 | 116,299 | | 5,870,548 | 9,691,163 | |
| Cold Year Peak Month (December) (MTh) | 374,910 | 10,565 | 121,858 | 11,583 | 8,300 | 152,307 | 9,871 | | 537,087 | 1,063,341 | |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 13,676 | 561 | 6,177 | 528 | 267 | 7,533 | 318 | | 21,527 | 51,962 | |
| Number of Customers | 1,016 | 1 | 1 | 1 | 1 | 4 | 1 | | 1,021 | 5,920,161 | |
| High Pressure | | | | | | | | | | | |
| Average Year Throughput (MTh) | 1,402,935 | 0 | 0 | 0 | 0 | 0 | 0 | | 1,402,935 | 4,901,347 | |
| Cold Year Throughput (1-in-35) (MTh) | 1,406,917 | 0 | 0 | 0 | 0 | 0 | 0 | | 1,406,917 | 5,185,112 | |
| Cold Year Peak Month (December) (MTh) | 120,160 | 0 | 0 | 0 | 0 | 0 | 0 | | 120,160 | 642,745 | |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 4,051 | 0 | 0 | 0 | 0 | 0 | 0 | | 4,051 | 34,354 | |
| Number of Customers | 925 | 0 | 0 | 0 | 0 | 0 | 0 | | 925 | 5,919,938 | |
| Medium Pressure | | | | | | | | | | | |
| Average Year Throughput (MTh) | 432,879 | 0 | 0 | 0 | 0 | 0 | 0 | | 432,879 | 3,803,469 | |
| Cold Year Throughput (1-in-35) (MTh) | 435,520 | 0 | 0 | 0 | 0 | 0 | 0 | | 435,520 | 4,083,027 | |
| Cold Year Peak Month (December) (MTh) | 38,315 | 0 | 0 | 0 | 0 | 0 | 0 | | 38,315 | 548,043 | |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 1,353 | 0 | 0 | 0 | 0 | 0 | 0 | | 1,353 | 31,105 | |
| Number of Customers | 632 | 0 | 0 | 0 | 0 | 0 | 0 | | 632 | 5,911,462 | |
| AYSales Mth/y | | | | | | | | | | | |
| 7.1. Gailes many | | | | | | | | | | | |

| | | | | | | | NonCore | | | |
|---|-----------|-----------|--------|---------|---------|------------|-----------|-----------|----------------|---------|
| | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core | C&I | EG Tier 1 | EG Tier 2 | EOR |
| | | | | | | | | | | |
| Calculation of Allocation Factors: | | | | | | | | | | |
| Cumulative Transmission # Customers | 5,714,531 | 203,514 | 4 | 712 | 378 | 5,919,139 | 593 | 323 | 67 | 34 |
| Cumulative Transmission AYTP Mth/yr | 2,346,353 | 992,706 | 416 | 22,302 | 178,769 | 3,540,545 | 1,545,814 | 97,615 | 2,480,164 | 208,941 |
| AYTP TP System | 25.1% | 10.6% | 0.0% | 0.2% | 1.9% | 37.9% | 16.5% | 1.0% | 26.5% | 2.2% |
| AYTP System Excl. EOR | 25.7% | 10.9% | 0.0% | 0.2% | 2.0% | 38.7% | 16.9% | 1.1% | 27.1% | |
| AYTP System Excl. SDG&E+EOR | 29.2% | 12.4% | 0.0% | 0.3% | 2.2% | 44.1% | 19.3% | 1.2% | 30.9% | |
| AYTP Core + Retail Noncore Only | 29.8% | 12.6% | 0.0% | 0.3% | 2.3% | 45.0% | 19.6% | 1.2% | 31.5% | 2.7% |
| AYTP Core Only | 66.3% | 28.0% | 0.0% | 0.6% | 5.0% | 100.0% | | | | |
| AYTP Core NonNGV Only | 69.8% | 29.5% | 0.0% | 0.7% | 0.0% | 100.0% | | | | |
| AYTP Core Only Excl. A/C + Gas Eng | 66.7% | 28.2% | | | 5.1% | 100.0% | | | | |
| AYTP Core Only Excl. Residential | | 97.8% | 0.0% | 2.2% | 17.6% | 117.6% | | | | |
| AYTP Noncore Only | | | | | | - | 26.6% | 1.7% | 42.7% | 3.6% |
| AYTP Noncore Only Excl. EOR | | | | | | - | 27.6% | 1.7% | 44.3% | |
| AYTP Noncore Retail Excl. EOR+WS+Int'l | | | | | | - | 37.5% | 2.4% | 60.1% | |
| Cumulative Transmission CYTP Mth/yr | 2,584,453 | 1,034,674 | 416 | 22,302 | 178,769 | 3,820,615 | 1,549,897 | 97,615 | 2,480,164 | 208,941 |
| CYTP System | 26.7% | 10.7% | 0.0% | 0.2% | 1.8% | 39.4% | 16.0% | 1.0% | 25.6% | 2.2% |
| CYTP System Excl. EOR | 27.3% | 10.7 % | 0.0% | 0.2% | 1.9% | 40.3% | 16.3% | 1.0% | 26.2% | 2.2/0 |
| CYTP System Excl. SDG&E | 30.3% | 12.1% | 0.0% | 0.2% | 2.1% | 44.8% | 18.2% | 1.1% | 29.1% | 2.4% |
| CYTP Excl. EOR & SDG&E | 31.0% | 12.1% | 0.0% | 0.3% | 2.1% | 45.9% | 18.6% | 1.1% | 29.1% | 2.4 /0 |
| CYTP Core +Retail Noncore Only | 31.7% | 12.7% | 0.0% | 0.3% | 2.1% | 46.8% | 19.0% | 1.2% | 30.4% | 2.6% |
| CYTP Core Only | 67.6% | 27.1% | 0.0% | 0.5% | 4.7% | 100.0% | 19.0% | 1.270 | 30.4% | 2.0% |
| CYTP Noncore Only | 07.076 | 21.170 | 0.0% | 0.0% | 4.7 70 | 100.0% | 26.4% | 1.7% | 42.2% | 3.6% |
| CYTP Noncore ExEOR | | | | | | - | 27.4% | 1.7% | 43.8% | 3.0 % |
| CYTP Noncore Retail Excl. WS+Int'l | | | | | | - | 35.7% | 2.3% | 43.6% 57.2% | 4.8% |
| CTTP Noncore Retail Excl. WS+Int1 | | | | | | <u> </u> | 35.1% | 2.3% | 57.2% | 4.0% |
| Cumulative Transmission CYPM Mth/mo | 392,906 | 117,629 | 26 | 973 | 14,720 | 526,253 | 140,247 | 7,806 | 209,111 | 17,746 |
| CYCPM System Total | 37.0% | 11.1% | 0.0% | 0.1% | 1.4% | 49.5% | 13.2% | 0.7% | 19.7% | 1.7% |
| CYCPM System Excl. EOR | 37.6% | 11.2% | 0.0% | 0.1% | 1.4% | 50.3% | 13.4% | 0.7% | 20.0% | |
| CYCPM System Excl. Wholesale | 41.7% | 12.5% | 0.0% | 0.1% | 1.6% | 55.9% | 14.9% | 0.8% | 22.2% | 1.9% |
| CYCPM Core +Retail Noncore Only | 43.6% | 13.1% | 0.0% | 0.1% | 1.6% | 58.4% | 15.6% | 0.9% | 23.2% | 2.0% |
| CYCPM Core Only | 74.7% | 22.4% | 0.0% | 0.2% | 2.8% | 100.0% | | | | |
| CYCPM Noncore Only | | | | | | - | 26.1% | 1.5% | 38.9% | 3.3% |
| CYPM Noncore Only Excl. SDG&E | | | | | | - | 33.8% | 1.9% | 50.4% | 4.3% |
| CYCPM Noncore Retail Excl. WS+Int'l | | | | | | - | 37.4% | 2.1% | 55.8% | 4.7% |
| Cumulative High Pressure Distribution CYPM Mth/mo | 392,886 | 116,860 | 26 | 921 | 11,892 | 522,586 | 79,400 | 7,515 | 20,356 | 12,889 |
| HPD CYCPM System Total | 61.1% | 18.2% | 0.0% | 0.1% | 1.9% | 81.3% | 12.4% | 1.2% | 3.2% | 2.0% |
| HPD CYCPM System Excl. EOR | 62.4% | 18.6% | 0.0% | 0.1% | 1.9% | 83.0% | 12.6% | 1.2% | 3.2% | 2.070 |
| THE DOTOL IN DYSIGHT EXCL. LOT | UZ.7/0 | 10.070 | 0.070 | 0.170 | 1.070 | 00.070 | 12.070 | 1.4/0 | U.L /U | |

| | Total Retail | Long | | South | | Total Whole | | | Total | - | |
|--|--------------|--------|-----------|----------|---------|-------------|--------------------|-----|-----------|--------------|-----------|
| | NonCore | Beach | SDG&E | West Gas | Vernon | sale | Mexicali | TBS | NonCore | Total System | S |
| | | | | | | | | | | | |
| Calculation of Allocation Factors: | | | | | | | | | | | |
| Cumulative Transmission # Customers | 1,016 | 1 | 1 | 1 | 1 | 4 | 1 | 0 | 1,021 | 5,920,161 | |
| Cumulative Transmission AYTP Mth/yr | 4,332,534 | 79,646 | 1,118,614 | 66,431 | 96,890 | 1,361,582 | 116,299 | 0 | 5,810,415 | 9,350,960 | |
| AYTP TP System | 46.3% | 0.9% | 12.0% | 0.7% | 1.0% | 14.6% | 1.2% | | 62.1% | 100.0% | |
| AYTP System Excl. EOR | 45.1% | 0.9% | 12.2% | 0.7% | 1.1% | 14.9% | 1.3% | | 61.3% | 100.0% | 9,142,019 |
| AYTP System Excl. SDG&E+EOR | 51.4% | 1.0% | | 0.8% | 1.2% | 3.0% | 1.4% | | 55.9% | 100.0% | 8,023,405 |
| AYTP Core + Retail Noncore Only | 55.0% | | | | | 0.0% | | | 55.0% | 100.0% | 7,873,079 |
| AYTP Core Only | - | | | | | - | | | 0.0% | 100.0% | 3,540,545 |
| AYTP Core NonNGV Only | - | | | | | - | | | 0.0% | 100.0% | 3,361,776 |
| AYTP Core Only Excl. A/C + Gas Eng | - | | | | | - | | | 0.0% | 100.0% | 3,517,828 |
| AYTP Core Only Excl. Residential | - | | | | | - | | | 0.0% | 117.6% | 1,015,424 |
| AYTP Noncore Only | 74.6% | 1.4% | 19.3% | 1.1% | 1.7% | 23.4% | 2.0% | | 100.0% | 100.0% | 5,810,415 |
| AYTP Noncore Only Excl. EOR | 73.6% | 1.4% | 20.0% | 1.2% | 1.7% | 24.3% | 2.1% | | 100.0% | 100.0% | 5,601,473 |
| AYTP Noncore Retail Excl. EOR+WS+Int'l | 100.0% | | | | | 0.0% | | | 100.0% | 100.0% | 4,123,593 |
| | | | | | | | | | | | , ., |
| umulative Transmission CYTP Mth/yr | 4,336,617 | 86,356 | 1,157,571 | 71,786 | 101,919 | 1,417,632 | 116,299 | 0 | 5,870,548 | 9,691,163 | |
| CYTP System | 44.7% | 0.9% | 11.9% | 0.7% | 1.1% | 14.6% | 1.2% | | 60.6% | 100.0% | |
| CYTP System Excl. EOR | 43.5% | 0.9% | 12.2% | 0.8% | 1.1% | 15.0% | 1.2% | | 59.7% | 100.0% | 9,482,222 |
| CYTP System Excl. SDG&E | 50.8% | 1.0% | n/a | 0.8% | 1.2% | 3.0% | 1.4% | | 55.2% | 100.0% | 8,533,592 |
| CYTP Excl. EOR & SDG&E | 49.6% | 1.0% | | 0.9% | 1.2% | 3.1% | 1.4% | | 54.1% | 100.0% | 8,324,651 |
| CYTP Core +Retail Noncore Only | 53.2% | | | | | 0.0% | | | 53.2% | 100.0% | 8,157,231 |
| CYTP Core Only | - | | | | | - | | | 0.0% | 100.0% | 3,820,615 |
| CYTP Noncore Only | 73.9% | 1.5% | 19.7% | 1.2% | 1.7% | 24.1% | 2.0% | | 100.0% | 100.0% | 5,870,548 |
| CYTP Noncore ExEOR | 72.9% | 1.5% | 20.4% | 1.3% | 1.8% | 25.0% | 2.1% | | 100.0% | 100.0% | 5,661,607 |
| CYTP Noncore Retail Excl. WS+Int'l | 100.0% | | | | | 0.0% | | | 100.0% | 100.0% | 4,336,617 |
| umulative Transmission CYPM Mth/mo | 374,910 | 10,565 | 121,858 | 11,583 | 8,300 | 152,307 | 9,871 | 0 | 537,087 | 1,063,341 | |
| CYCPM System Total | 35.3% | 1.0% | 11.5% | 1.1% | 0.8% | 14.3% | 0.9% | - | 50.5% | 100.0% | |
| CYCPM System Excl. EOR | 34.2% | 1.0% | 11.7% | 1.1% | 0.8% | 14.6% | 0.9% | | 49.7% | 100.0% | 1,045,595 |
| CYCPM System Excl. Wholesale | 39.8% | 1.1% | n/a | 1.2% | 0.9% | 3.2% | 1.0% | | 44.1% | 100.0% | 941,483 |
| CYCPM Core +Retail Noncore Only | 41.6% | 1.170 | 11,4 | 1.2/0 | 0.070 | 0.0% | 1.570 | | 41.6% | 100.0% | 901,163 |
| CYCPM Core Only | -1.070 | | | | | - | | | 0.0% | 100.0% | 526,253 |
| CYCPM Noncore Only | 69.8% | 2.0% | 22.7% | 2.2% | 1.5% | 28.4% | 1.8% | | 100.0% | 100.0% | 537,087 |
| CYPM Noncore Only Excl. SDG&E | 90.3% | 2.5% | 22.1 /0 | 2.8% | 2.0% | 7.3% | 2.4% | | 100.0% | 100.0% | 415,229 |
| CYCPM Noncore Retail Excl. WS+Int'l | 100.0% | 2.5/0 | | 2.0 /0 | 2.0 /0 | 0.0% | Z. 4 /0 | | 100.0% | 100.0% | 374,910 |
| OTOF WINDING REIGH EXCL. WOTHILL | 100.0% | | | | | 0.076 | | | 100.0% | 100.076 | 3/4,810 |
| umulative High Pressure Distribution CYPM Mth/mo | 120,160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120,160 | 642,745 | |
| HPD CYCPM System Total | 18.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | 18.7% | 100.0% | |
| HPD CYCPM System Excl. EOR | 17.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | 17.0% | 100.0% | 629,856 |

| | | | | | | | NonCore | | | |
|--|-------------|-----------|--------|---------|----------|-------------------|----------|-----------|-----------|---------|
| | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core | C&I | EG Tier 1 | EG Tier 2 | EOR |
| Cumulative Transmission Peak Day Mth/day | 24,168 | 5,759 | 1 | 31 | 475 | 30,434 | 4,738 | 255 | 8,111 | 572 |
| PDD System Total | 46.5% | 11.1% | 0.0% | 0.1% | 0.9% | 58.6% | 9.1% | 0.5% | 15.6% | 1.1% |
| PDD System Excl. EOR | 47.0% | 11.2% | 0.0% | 0.1% | 0.9% | 59.2% | 9.2% | 0.5% | 15.8% | |
| PDD System Excl. Wholesale | 52.8% | 12.6% | 0.0% | 0.1% | 1.0% | 66.5% | 10.3% | 0.6% | 17.7% | 1.3% |
| PDD Core +Retail Noncore Only | 54.8% | 13.1% | 0.0% | 0.1% | 1.1% | 69.0% | 10.7% | 0.6% | 18.4% | 1.3% |
| PDD Core Only | 79.4% | 18.9% | 0.0% | 0.1% | 1.6% | 100.0% | | | | |
| PDD Noncore Only | | | | | | - | 22.0% | 1.2% | 37.7% | 2.7% |
| PDD Noncore Retail Excl. WS+Int'l | | | | | | - | 34.6% | 1.9% | 59.3% | 4.2% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$1,552,890 | \$311,454 | \$41 | \$9,212 | \$22,242 | \$1,895,838 | \$73,273 | \$10,751 | \$46,474 | \$7,768 |
| EPAM All | 75.3% | 15.1% | 0.0% | 0.4% | 1.1% | 92.0% | 3.6% | 0.5% | 2.3% | 0.4% |
| EPAM All Excl. Unbundled Storage | 75.3% | 15.1% | 0.0% | 0.4% | 1.1% | 92.0% | 3.6% | 0.5% | 2.3% | 0.4% |
| EPAM All Excl. Unbundled Storage + SDG&E | 76.1% | 15.3% | 0.0% | 0.5% | 1.1% | 92.9% | 3.6% | 0.5% | 2.3% | 0.4% |
| EPAM All Excl. Unbundled Storage + EOR | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0 |
| EPAM All Excl. Unbundled Storage + EOR + Gas Eng | 75.9% | 15.2% | 0.0% | ,. | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | |
| Core EPAM Only | 81.9% | 16.4% | 0.0% | 0.5% | 1.2% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Core EPAM excl G-EN | 82.3% | 16.5% | 0.0% | -100% | 1.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Noncore EPAM, Excl. Unbundled Storage + EOR | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 46.3% | 6.8% | 29.4% | |
| | | | | | | | | | | |
| Calculation of LUAF Allocator: | | | | | | | | | | |
| Method - 71% core @ ECPT / 29% noncore @ ECPT (incl EOR) | | | | | | | | | | |
| Core ECPT | 66.3% | 28.0% | 0.0% | 0.6% | 5.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| NonCore ECPT Include EOR | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 26.6% | 1.7% | 42.7% | 3.6% |
| % Core | 71.1% | 71.1% | 71.1% | 71.1% | 71.1% | 71.1% | 71.1% | 71.1% | 71.1% | 71.1% |
| % Noncore | 28.9% | 28.9% | 28.9% | 28.9% | 28.9% | 28.9% | 28.9% | 28.9% | 28.9% | 28.9% |
| % LUAF Allocation | 47.1% | 19.9% | 0.0% | 0.4% | 3.6% | 71.1% | 7.7% | 0.5% | 12.3% | 1.0% |
| AYTP CAT Customers: | | | | | | | | | | |
| CAT Volumes Mth/yr | 27,389 | 139,308 | 0 | 3,594 | 79,254 | 249,546 | | | | |
| System AYTP (includes NGV) Mth/yr | 2,346,353 | 992,706 | 416 | 22,302 | 178,769 | 3,540,545 | | | | |
| CAT Volumes as % total, by class, in 2008 rates | 1.2% | 14.0% | 0.0% | 16.1% | 44.3% | 7.0% | | | | |
| 2013TCAP AYTP Mth/yr | 2,346,353 | 992,706 | 416 | 22,302 | 178,769 | 3,540,545 | | | | |
| TCAP CAT Volumes Mth/yr | 27,389 | 139,308 | 0 | 3,594 | 79,254 | 249,546 | 0 | 0 | 0 | 0 |
| ECPT CAT | 11.0% | 55.8% | 0.0% | 1.4% | 31.8% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| ECPT CAT (excluding NGV) | 16.1% | 81.8% | 0.0% | 2.1% | 0.0% | 100.0% | | | | |
| | 2,318,963 | 853,398 | 416 | 18,707 | 99,515 | 3,290,999 | | | | |

| | Total Retail | Long | SDG&E | South | Varnan | Total Whole | Maviaali | TBS | Total NonCore | Tetal System | | Sauraa |
|---|-------------------|--------------|----------|-----------------|---------------|---------------|-----------------|-------|------------------|------------------------|-------------|-------------|
| Cumulative Transmission Peak Day Mth/day | NonCore 13,676 | Beach 561 | 6,177 | West Gas 528 | Vernon 267 | 5ale 7,533 | Mexicali 318 | 0 | 21,527 | Total System 51,962 | | Source |
| PDD System Total | 26.3% | 1.1% | 11.9% | 1.0% | 0.5% | 14.5% | 0.6% | U | 41.4% | 100.0% | | |
| PDD System Folal PDD System Excl. EOR | 25.5% | 1.1% | 12.0% | 1.0% | 0.5% | 14.7% | 0.6% | | 40.8% | 100.0% | 51,389 | |
| PDD System Excl. Wholesale | 29.9% | 1.1% | n/a | 1.0% | 0.5% | 3.0% | 0.7% | | 33.5% | 100.0% | 45,784 | |
| PDD Core +Retail Noncore Only | 31.0% | 1.270 | II/a | 1.270 | 0.0% | 0.0% | 0.776 | | 31.0% | 100.0% | 45,764 | |
| PDD Core Only PDD Core Only | 31.0% | | | | | 0.0% | | | | | , | |
| • | - | 0.00/ | 00.70/ | 0.50/ | 4.00/ | - | 4.50/ | | 0.0% | 100.0% | 30,434 | |
| PDD Noncore Only | 63.5% | 2.6% | 28.7% | 2.5% | 1.2% | 35.0% | 1.5% | | 100.0% | 100.0% | 21,527 | |
| PDD Noncore Retail Excl. WS+Int'l | 100.0% | | | | | 0.0% | | | 100.0% | 100.0% | 13,676 | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$138,266 | \$1,807 | \$20,844 | \$1,716 | \$1,587 | \$25,955 | \$1,661 | \$0 | \$165,882 | \$2,061,720 | | |
| EPAM All | 6.7% | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 8.0% | 100.0% | | |
| EPAM All Excl. Unbundled Storage | 6.7% | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | | 8.0% | 100.0% | \$2,061,720 | |
| EPAM All Excl. Unbundled Storage + SDG&E | 6.8% | 0.1% | n/a | 0.1% | 0.1% | 0.3% | 0.1% | | 7.1% | 100.0% | \$2,040,876 | |
| EPAM All Excl. Unbundled Storage + EOR | 6.4% | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | | 7.7% | 100.0% | \$2,053,952 | |
| EPAM All Excl. Unbundled Storage + EOR + Gas Eng | 6.4% | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | | 7.7% | 100.0% | \$2,044,740 | |
| Core EPAM Only | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | \$1,895,838 | |
| Core EPAM excl G-EN | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | \$1,886,627 | |
| Noncore EPAM, Excl. Unbundled Storage + EOR | 82.5% | 1.1% | 13.2% | 1.1% | 1.0% | 16.4% | 1.1% | 0.070 | 100.0% | 100.0% | \$158,114 | |
| Calculation of LUAF Allocator: Method - 71% core @ ECPT / 29% noncore @ ECPT (incl EOR) | | | | | | | | | | | | • |
| Core ECPT | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | | |
| NonCore ECPT Include EOR | 74.6% | 1.4% | 19.3% | 1.1% | 1.7% | 23.4% | 2.0% | 0.0% | 100.0% | 100.0% | | |
| % Core | 71.1% | 71.1% | 71.1% | 71.1% | 71.1% | 71.1% | 71.1% | 71.1% | 71.1% | 71.1% | | TCAP D.16-1 |
| % Noncore | 28.9% | 28.9% | 28.9% | 28.9% | 28.9% | 28.9% | 28.9% | 28.9% | 28.9% | 28.9% | | |
| % LUAF Allocation | 21.5% | 0.4% | 5.6% | 0.3% | 0.5% | 6.8% | 0.6% | 0.0% | 28.9% | 100.0% | - | |
| AYTP CAT Customers: | | | | | | | | | | | | |
| CAT Volumes Mth/yr | 0 | | | | | 0 | | | 0 | 249,546 | | TCAP D.16-1 |
| System AYTP (includes NGV) Mth/yr | 0 | | | | | 0 | | | 0 | 3,540,545 | _ | TCAP D.16-1 |
| CAT Volumes as % total, by class, in 2008 rates | | | | | | | | | | 7.0% | | |
| 2013TCAP AYTP Mth/yr | 0 | | | | | 0 | | | 0 | 3,540,545 | _ | |
| TCAP CAT Volumes Mth/yr | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 249,546 | = | |
| ECPT CAT | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | | |
| ECPT CAT (excluding NGV) | | | | | | | | | | | | |

| | | | | | | | NonCore | | | |
|--|-----------|----------|--------|---------|---------|------------|-----------|-----------|-------------|-----------|
| | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core | C&I | EG Tier 1 | EG Tier 2 | EOR |
| California Solar Iniative Thermal Memorandum Account (CSITMA): | | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | 2,346,353 | 992,706 | 416 | 22,302 | 178,769 | 3,540,545 | 1,545,814 | 97,615 | 2,480,164 | 208,941 |
| CARE Participants Mth/y | (596,781) | (3,521) | 0 | 0 | 0 | (600,302) | 0 | 0 | 0 | 0 |
| SGIP Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EOR Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (208,941) |
| EG Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (97,615) | (2,480,164) | 0 |
| Constitutionally Exempt Mth/y | (3,905) | (11,000) | 0 | 0 | 0 | (14,904) | (7,302) | 0 | 0 | 0 |
| Wholesale Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | _ 0 | 0 | 0 | 0 |
| AYTP Mth/yr excl CARE Participant & EOR Mth/y | 1,745,667 | 978,185 | 416 | 22,302 | 178,769 | 2,925,339 | 1,538,513 | 0 | 0 | 0 |
| % ECPT excl CARE Participants & EOR | 39.1% | 21.9% | 0.0% | 0.5% | 4.0% | 65.5% | 34.5% | 0.0% | 0.0% | 0.0% |
| CSI Thermal Program memoradum Account (\$000) CSITMA Adder to Volumetric Rate | | | | | | | | | | |
| EORA Allocation Factor: | | | | | | | | | | |
| 94.2% Core EPAM & 5.79% NonCore EPAM excl EOR Core EPAM Only | 81.9% | 16.4% | 0.0% | 0.5% | 1.2% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Core share | 92.3% | 92.3% | 92.3% | 92.3% | 92.3% | 92.3% | 92.3% | 92.3% | 92.3% | 92.3% |
| Core strate | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 0.0% | 0.0% | 0.0% | 0.0% |
| | 70.070 | 10.270 | 0.070 | 0.470 | 1.170 | 32.370 | 0.070 | 0.070 | 0.070 | 0.070 |
| Noncore EPAM, Excl. Unbundled Storage + EOR | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 46.3% | 6.8% | 29.4% | 0.0% |
| NonCore share | 7.70% | 7.70% | 7.70% | 7.70% | 7.70% | 7.70% | 7.70% | 7.70% | 7.70% | 7.70% |
| | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 3.6% | 0.5% | 2.3% | 0.0% |
| EORA Allocation Factor | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% |
| | | | | | | | | | | |
| Cost Allocation for Montebello True-Up Tracking Account (MTTA) | | | | | | | | | | |
| 70%Core/Allocate Core ECPT,30%NonCore/Allocate NonCore ECPT Ex EOP | ₹ | | | | | | | | | |
| AYTP Core Only | 66.3% | 28.0% | 0.0% | 0.6% | 5.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Core share | 70.00% | 70.00% | 70.00% | 70.00% | 70.00% | 70.00% | 70.00% | 70.00% | 70.00% | 70.00% |
| | 46.4% | 19.6% | 0.0% | 0.4% | 3.5% | 70.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| | | | | | | | | | | |
| AYTP Noncore Only Excl. EOR | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 27.6% | 1.7% | 44.3% | 0.0% |
| NonCore share | 30.00% | 30.00% | 30.00% | 30.00% | 30.00% | 30.00% | 30.00% | 30.00% | 30.00% | 30.00% |
| | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 8.3% | 0.5% | 13.3% | 0.0% |
| MTTA Allocation Factor | 46.4% | 19.6% | 0.0% | 0.4% | 3.5% | 70.0% | 8.3% | 0.5% | 13.3% | 0.0% |
| Allocator for California Air Resources Board AB 32 Admin Fee: | | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | 2,346,353 | 992,706 | 416 | 22,302 | 178,769 | 3,540,545 | 1,545,814 | 97,615 | 2,480,164 | 208,941 |
| Less: AB32Fees Exempt Customers Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (6,021) | (1,606,597) | (208,941) |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | 2,346,353 | 992,706 | 416 | 22,302 | 178,769 | 3,540,545 | 1,545,814 | 91,594 | 873,567 | 0 |
| % ECPT AB32 Fee Non-Exempt | 38.8% | 16.4% | 0.0% | 0.4% | 3.0% | 58.5% | 25.5% | 1.5% | 14.4% | 0.0% |
| System Integration Allocator | | | | | | | | | | |
| Transmission CYPM Mth | | | | | | | | | | |
| SoCalGas (excl SDG&E) | 941,483 | 88.6% | | | | | | | | |
| SDG&E | 120,845 | 11.4% | _ | | | | | | | |
| Total | 1,062,328 | 100.0% | | | | | | | | |
| | | | | | | | | | | |

| | Total Retail | Long | | South | | Total Whole | | | Total | | |
|---|--------------|----------|-------------|----------|----------|-------------|-----------|--------|-------------|-----------------|---------------|
| | NonCore | Beach | SDG&E | West Gas | Vernon | sale | Mexicali | TBS | NonCore | Total System | Source |
| California Solar Iniative Thermal Memorandum Account (CSITMA): | | | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | 4,332,534 | 79,646 | 1,118,614 | 66,431 | 96,890 | 1,361,582 | 116,299 | 0 | 5,810,415 | 9,350,960 | |
| CARE Participants Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (600,302) | 2015 PPPS r |
| SGIP Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| EOR Mth/y | (208,941) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (208,941) | (208,941) | |
| EG Exempt Mth/y | (2,577,778) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (2,577,778) | (2,577,778) | |
| Constitutionally Exempt Mth/y | (7,302) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (7,302) | (22,206) | 2015 PPPS i |
| Wholesale Exempt Mth/y | 0 | (79,646) | (1,118,614) | (66,431) | (96,890) | (1,361,582) | (116,299) | 0 | (1,477,881) | (1,477,881) | |
| AYTP Mth/yr excl CARE Participant & EOR Mth/y | 1,538,513 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,538,513 | 4,463,852 | |
| % ECPT excl CARE Participants & EOR | 34.5% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 34.5% | 100.0% | |
| CSI Thermal Program memoradum Account (\$000) | | | | | | | | | | \$13,862 | Cost Alloc |
| CSITMA Adder to Volumetric Rate | | | | | | | | | | \$0.00311 | |
| | | | | | | | | | | | |
| EORA Allocation Factor: | | | | | | | | | | | |
| 94.2% Core EPAM & 5.79% NonCore EPAM excl EOR | | | | | | | | | | | |
| Core EPAM Only | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | |
| Core share | 92.3% | 92.3% | 92.3% | 92.3% | 92.3% | 92.3% | 92.3% | 92.3% | 92.3% | 92.3% | TCAP D.16-10- |
| | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 92.3% | |
| Noncore EPAM, Excl. Unbundled Storage + EOR | 82.5% | 1.1% | 13.2% | 1.1% | 1.0% | 16.4% | 1.1% | 0.0% | 100.0% | 100.0% | |
| NonCore share | 7.70% | 7.70% | 7.70% | 7.70% | 7.70% | 7.70% | 7.70% | 7.70% | 7.70% | 7.70% | TCAP D.16-10- |
| | 6.4% | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | 7.7% | |
| EORA Allocation Factor | 6.4% | 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | 100.0% | |
| Cost Allocation for Montebello True-Up Tracking Account (MTTA) 70%Core/Allocate Core ECPT,30%NonCore/Allocate NonCore ECPT Ex EOF | • | | | | | | | | | | |
| AYTP Core Only | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | |
| • | | | | | | | | | | | 2000 CCC D |
| Core share | 70.00% | 70.00% | 70.00% | 70.00% | 70.00% | 70.00% | 70.00% | 70.00% | 70.00% | 70.00% 70.0% | 2008 SCG R |
| | | | | | | | | | | | |
| AYTP Noncore Only Excl. EOR | 73.6% | 1.4% | 20.0% | 1.2% | 1.7% | 24.3% | 2.1% | 0.0% | 100.0% | 100.0% | |
| NonCore share | 30.00% | 30.00% | 30.00% | 30.00% | 30.00% | 30.00% | 30.00% | 30.00% | 30.00% | 30.00% | 2008 SCG R |
| | 22.1% | 0.4% | 6.0% | 0.4% | 0.5% | 7.3% | 0.6% | 0.0% | 30.0% | 30.0% | |
| MTTA Allocation Factor | 22.1% | 0.4% | 6.0% | 0.4% | 0.5% | 7.3% | 0.6% | 0.0% | 30.0% | 100.0% | |
| Allocator for California Air Resources Board AB 32 Admin Fee: | | | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | 4,332,534 | 79,646 | 1,118,614 | 66,431 | 96,890 | 1,361,582 | 116,299 | 0 | 5,810,415 | 9,350,960 | |
| Less: AB32Fees Exempt Customers Mth/y | (1,821,559) | (79,646) | (1,118,614) | (66,431) | (96,890) | (1,361,582) | (116,299) | | (3,299,440) | (3,299,440) | |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | 2,510,975 | 0 | 0 | 00,431) | 0 | 0 | 0 | 0 | 2,510,975 | 6,051,520 | |
| % ECPT AB32 Fee Non-Exempt Gustomers withly | 41.5% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 41.5% | 100.0% | |

System Integration Allocator

Transmission CYPM Mth

SoCalGas (excl SDG&E)

SDG&E

Total

| | | | | | | | NonCore | | | |
|---|-----------|-----------|--------|---------|---------|------------|-------------|-------------------|---------------------|-----------|
| | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core | C&I | EG Tier 1 | EG Tier 2 | EOR |
| Allocator for GHG charge: | | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | 2,346,353 | 992,706 | 416 | 22,302 | 178,769 | 3,540,545 | 1,545,814 | 97,615 | 2,480,164 | 208,941 |
| Less: GHG Charge Exempt Customers Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | (1,096,102) | (16,227) | (2,427,176) | (208,941) |
| AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y | 2,346,353 | 992,706 | 416 | 22,302 | 178,769 | 3,540,545 | 449,712 | 81,388 | 52,987 | 0 |
| % ECPT GHG Fee Non-Exempt | 56.9% | 24.1% | 0.0% | 0.5% | 4.3% | 85.8% | 10.9% | 2.0% | 1.3% | 0.0% |
| Allocate EOR to zero | | | | | | | | 4% \$1,061,182 | 96% \$26,962,235 | |
| Allocator for SGPMA (TCAP Proposal): | | | | | | | ECPT | \$28,023,417 | 98.6% | |
| 3 Year Total Program Participation | \$38,448 | \$356,733 | | | | \$395,181 | | \$1,061,182 | \$26,962,235 | |
| %SGPMA | 0.1% | 1.3% | 0% | 0% | 0% | 1.4% | 0% | 3.7% | 94.9% | 0% |
| OLD DIRECT Demand Forecast | | | | | | | | | | |
| Transmission | | | | | | | | | | |
| Average Year Throughput (MTh) | 121 | 7,372 | 0 | 851 | 40,433 | 48,777 | 660,238 | 20,005 | 2,372,694 | 93,950 |
| Cold Year Throughput (1-in-35) (MTh) | 134 | 7,731 | 0 | 851 | 40,433 | 49,148 | 660,388 | 20,005 | 2,372,694 | 93,950 |
| Cold Year Peak Month (December) (MTh) | 20 | 854 | 0 | 59 | 3,341 | 4,274 | 56,427 | 1,567 | 209,418 | 7,979 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 1 | 42 | 0 | 2 | 108 | 153 | 1,826 | 81 | 8,381 | 257 |
| Number of Customers | 23 | 70 | 0 | 19 | 15 | 127 | 38 | 15 | 41 | 12 |
| High Pressure | | | | | | | | | | |
| Average Year Throughput (MTh) | 11,469 | 60,825 | 384 | 3,397 | 67,562 | 143,636 | 571,574 | 21,258 | 170,790 | 136,497 |
| Cold Year Throughput (1-in-35) (MTh) | 12,652 | 63,788 | 384 | 3,397 | 67,562 | 147,783 | 572,981 | 21,258 | 170,790 | 136,497 |
| Cold Year Peak Month (December) (MTh) | 1,896 | 7,047 | 19 | 236 | 5,583 | 14,780 | 44,354 | 1,661 | 13,909 | 11,593 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 114 | 347 | 1 | 8 | 180 | 650 | 1,487 | 65 | 450 | 374 |
| Number of Customers | 7,148 | 2,582 | 3 | 160 | 59 | 9,952 | 225 | 37 | 22 | 15 |
| Medium Pressure | | | | | | | | | | |
| Average Year Throughput (MTh) | 2,423,570 | 954,989 | 388 | 16,451 | 49,101 | 3,444,499 | 293,527 | 55,949 | 37,099 | 1,124 |
| Cold Year Throughput (1-in-35) (MTh) | 2,673,681 | 1,001,512 | 388 | 16,451 | 49,101 | 3,741,133 | 296,299 | 55,949 | 37,099 | 1,124 |
| Cold Year Peak Month (December) (MTh) | 400,588 | 110,646 | 19 | 1,142 | 4,058 | 516,452 | 24,069 | 4,488 | 2,968 | 95 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 24,156 | 5,449 | 1 | 37 | 131 | 29,774 | 888 | 145 | 96 | 3 |
| Number of Customers | 5,610,637 | 204,666 | 6 | 566 | 285 | 5,816,160 | 358 | 164 | 6 | 2 |
| NEW DIRECT Demand Forecast | | | | | | | | | | |
| Transmission | | | | | | | | | | |
| Average Year Throughput (MTh) | 117 | 6,487 | 0 | 1,186 | 34,342 | 42,134 | 626,080 | 9,166 | 2,237,170 | 57,184 |
| Cold Year Throughput (1-in-35) (MTh) | 129 | 6,762 | 0 | 1,186 | 34,342 | 42,420 | 626,181 | 9,166 | 2,237,170 | 57,184 |
| Cold Year Peak Month (December) (MTh) | 20 | 769 | 0 | 52 | 2,828 | 3,668 | 60,847 | 291 | 188,755 | 4,857 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 1 | 38 | 0 | 2 | 91 | 132 | 2,005 | 9 | 7,454 | 157 |
| Number of Customers | 25 | 69 | 0 | 16 | 17 | 127 | 30 | 14 | 36 | 11 |
| High Pressure | | | | | | | | | | |
| Average Year Throughput (MTh) | 9,291 | 45,498 | 184 | 2,566 | 70,282 | 127,822 | 615,166 | 18,556 | 185,896 | 150,438 |
| Cold Year Throughput (1-in-35) (MTh) | 10,233 | 47,421 | 184 | 2,566 | 70,282 | 130,688 | 616,507 | 18,556 | 185,896 | 150,438 |
| Cold Year Peak Month (December) (MTh) | 1,556 | 5,391 | 12 | 112 | 5,787 | 12,857 | 52,062 | 1,526 | 15,479 | 12,777 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 96 | 264 | 0 | 4 | 187 | 550 | 1,737 | 49 | 500 | 412 |
| | | | | | | | | | | |

| | Total Retail | Long | CDC 8 F | South | Mana a :: | Total Whole | Maulaal | TDC | Total | Total Contain | 0 |
|---|----------------------|----------|-------------|----------|-----------|-------------|-----------|------|--------------|---------------|------------|
| | NonCore | Beach | SDG&E | West Gas | Vernon | sale | Mexicali | TBS | NonCore | Total System | Source |
| Allocator for GHG charge: | | | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | 4,332,534 | 79,646 | 1,118,614 | 66,431 | 96,890 | 1,361,582 | 116,299 | 0 | 5,810,415 | 9,350,960 | |
| Less: GHG Charge Exempt Customers Mth/y | (3,748,447) | (79,646) | (1,118,614) | (66,431) | (96,890) | (1,361,582) | (116,299) | 0 | (5,226,328) | (5,226,328) | AL 5202, O |
| AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y | 584,087 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 584,087 | 4,124,632 | - , - |
| % ECPT GHG Fee Non-Exempt | 14.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 14.2% | 100.0% | |
| Allocate EOR to zero | | | | | | | | | | | |
| Allocate Lott to 2010 | \$28,023,417 | | | | | | | | | | |
| Allocator for SGPMA (TCAP Proposal): | *,*, **** | | | | | | | | | | |
| 3 Year Total Program Participation | \$28,023,417 | | | | | | | | \$28,023,417 | \$28,418,598 | |
| %SGPMA | 98.6% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 98.6% | 100.0% | |
| | | | | | | | | | | | |
| OLD DIRECT Demand Forecast | | | | | | | | | | | |
| Transmission | | | | | | | | | | | |
| Average Year Throughput (MTh) | 3,146,887 | 73,520 | 1,251,556 | 65,367 | 95,137 | 1,485,580 | 91,378 | | 4,723,845 | 4,772,622 | Demand FO |
| Cold Year Throughput (1-in-35) (MTh) | 3,147,037 | 80,110 | 1,293,181 | 65,748 | 95,137 | 1,534,176 | 91,378 | | 4,772,591 | 4,821,740 | Demand FO |
| Cold Year Peak Month (December) (MTh) | 275,391 | 10,024 | 141,015 | 10,598 | 8,180 | 169,818 | 7,682 | | 452,891 | 457,165 | Demand FO |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 10,546 | 530 | 6,308 | 516 | 264 | 7,618 | 248 | | 18,412 | 18,565 | Demand FC |
| Number of Customers | 106 | 1 | 1 | 1 | 1 | 4 | 1 | | 111 | 238 | Demand FC |
| High Pressure | | | | | | | | | | | |
| Average Year Throughput (MTh) | 900,119 | 0 | 0 | 0 | 0 | 0 | 0 | | 900,119 | 1,043,755 | Demand FC |
| Cold Year Throughput (1-in-35) (MTh) | 901,525 | 0 | 0 | 0 | 0 | 0 | 0 | | 901,525 | 1,049,308 | Demand FC |
| Cold Year Peak Month (December) (MTh) | 71,517 | 0 | 0 | 0 | 0 | 0 | 0 | | 71,517 | 86,298 | Demand FC |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 2,377 | 0 | 0 | 0 | 0 | 0 | 0 | | 2,377 | 3,026 | Demand FC |
| Number of Customers | 299 | 0 | 0 | 0 | 0 | 0 | 0 | | 299 | 10,251 | Demand FO |
| Medium Pressure | | | | • | | _ | • | | | | 5 .50 |
| Average Year Throughput (MTh) | 387,699 | 0 | 0 | 0 | 0 | 0 | 0 | | 387,699 | 3,832,198 | Demand FO |
| Cold Year Throughput (1-in-35) (MTh) | 390,471 | 0 | 0 | 0 | 0 | 0 | 0 | | 390,471 | 4,131,603 | Demand FC |
| Cold Year Peak Month (December) (MTh) | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | | 31,620 | 548,072 | Demand FC |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 1,131 | 0 | 0 | 0 | 0 | 0 | 0 | | 1,131 | 30,906 | Demand FO |
| Number of Customers | 530 | 0 | 0 | 0 | 0 | 0 | 0 | | 530 | 5,816,690 | Demand FC |
| NEW DIRECT Demand Forecast | | | | | | | | | | | |
| Transmission | | | | | | | | | | | |
| Average Year Throughput (MTh) | 2,929,599 | 79,646 | 1,118,614 | 66,431 | 96,890 | 1,361,582 | 116,299 | | 4,407,480 | 4,449,614 | Demand FC |
| Cold Year Throughput (1-in-35) (MTh) | 2,929,700 | 86,356 | 1,157,571 | 71,786 | 101,919 | 1,417,632 | 116,299 | | 4,463,632 | 4,506,051 | Demand FC |
| Cold Year Peak Month (December) (MTh) | 254,750 | 10,565 | 121,858 | 11,583 | 8,300 | 152,307 | 9,871 | | 416,928 | 420,596 | Demand FO |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 9,625 | 561 | 6,177 | 528 | 267 | 7,533 | 318 | | 17,476 | 17,608 | Demand FO |
| Number of Customers | 91 | 1 | 1 | 1 | 1 | 4 | 1 | | 96 | 223 | Demand FO |
| High Pressure | | • | • | _ | | _ | _ | | 070 070 | 4 007 0 | F |
| Average Year Throughput (MTh) | 970,056 | 0 | 0 | 0 | 0 | 0 | 0 | | 970,056 | 1,097,877 | Demand FO |
| Cold Year Throughput (1-in-35) (MTh) | 971,397 | 0 | 0 | 0 | 0 | 0 | 0 | | 971,397 | 1,102,085 | Demand FO |
| Cold Year Peak Month (December) (MTh) | 81,845 | 0 | 0 | 0 | 0 | 0 | 0 | | 81,845 | 94,702 | Demand FC |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 2,698 | 0 | 0 | 0 | 0 | 0 | 0 | | 2,698 | 3,249 | Demand FC |

| | | | | | | | NonCore | | | |
|--|-----------|----------|--------|----------------|------------------|---------------------|-----------------------|-----------|---------------------|---------------|
| Number of Customers | 7,000 | 981 | NR A/C | Gas Eng 128 | NGV 73 | Total Core 8,183 | C&I 216 | EG Tier 1 | EG Tier 2 22 | EOR 20 |
| Medium Pressure | 7,000 | 901 | 2 | 120 | 73 | 0,103 | 210 | 33 | 22 | 20 |
| Average Year Throughput (MTh) | 2,336,945 | 940,720 | 232 | 18,549 | 74,144 | 3,370,590 | 304,569 | 69,893 | 57,097 | 1,320 |
| Cold Year Throughput (1-in-35) (MTh) | 2,574,091 | 980,491 | 232 | 18,549 | 74,144 | 3,647,507 | 307,209 | 69,893 | 57,097 | 1,320 |
| Cold Year Peak Month (December) (MTh) | 391,330 | 111,469 | 15 | 809 | 6,105 | 509,728 | 27,338 | 5,989 | 4,876 | 112 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 24,072 | 5,457 | 0 | 26 | 197 | 29,752 | 996 | 197 | 157 | 4 |
| Number of Customers | 5,707,506 | 202,465 | 3 | 568 | 289 | 5,910,830 | 347 | 273 | 8 | 3 |
| Old Demand Forecast | | | | | | | | | | |
| AYTP CAT Customers: | 49,671 | | | | | | | | | |
| CAT Volumes for 2017 TCAP Mth/yr | , | 137,753 | 0 | 1,793 | 32,903 | 172,449 | | | | |
| New Demand Forecast | | | | | | | | | | |
| AYTP CAT Customers: | | | | | | | | | | |
| CAT Volumes for 2020 TCAP Mth/yr | 27,389 | 139,308 | 0 | 3,594 | 79,254 | 249,546 | | | | |
| | | | | | | | | | | |
| Calculation of LUAF Allocator: | | | | | | | | | | |
| % Core | | | | | | | | | | |
| Old TCAP | 71.1% | | | | | | | | | |
| % Core | | | | | | | | | | |
| New TCAP | 71.1% | | | | | | | | | |
| % Core | | | | | | | | | | |
| GHG Allocator | | | | | | | | | | |
| Current | | | | | | | | | | |
| Less: GHG Charge Exempt Customers Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | (1,093,360) | (16,642) | (2,530,521) | (208,941) |
| Proposed | | | | | | | | | | |
| Less: GHG Charge Exempt Customers Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | (1,096,102) | (16,227) | (2,427,176) | (208,941) |
| California Solar Iniative Thermal Memorandum Account (CSITMA): | | | | | | | | | | |
| Current: | | | | | | | | | | |
| CARE Participants Mth/y | (631,063) | (3,723) | 0 | 0 | 0 | (634,786) | 0 | 0 | 0 | 0 |
| SGIP Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EOR Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EG Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Constitutionally Exempt Mth/y | (3,358) | (11,224) | 0 | 0 | (22) | (14,604) | (14,874) | 0 | 0 | 0 |
| Wholesale Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Update | | | | | | | | | | |
| CARE Participants Mth/y | (596,781) | (3,521) | 0 | 0 | 0 | (600,302) | 0 | 0 | 0 | 0 |
| SGIP Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | |

| | Total Retail | Long | | South | | Total Whole | | | Total | | |
|--|--------------|-------|-------|----------|--------|--------------------|----------|-----|---------|--------------|-------------|
| | NonCore | Beach | SDG&E | West Gas | Vernon | sale | Mexicali | TBS | NonCore | Total System | Source |
| Number of Customers | 293 | 0 | 0 | 0 | 0 | 0 | 0 | | 293 | 8,476 | Demand FC |
| Medium Pressure | | | | | | | | | | | |
| Average Year Throughput (MTh) | 432,879 | 0 | 0 | 0 | 0 | 0 | 0 | | 432,879 | 3,803,469 | Demand FC |
| Cold Year Throughput (1-in-35) (MTh) | 435,520 | 0 | 0 | 0 | 0 | 0 | 0 | | 435,520 | 4,083,027 | Demand FC |
| Cold Year Peak Month (December) (MTh) | 38,315 | 0 | 0 | 0 | 0 | 0 | 0 | | 38,315 | 548,043 | Demand FC |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 1,353 | 0 | 0 | 0 | 0 | 0 | 0 | | 1,353 | 31,105 | Demand FC |
| Number of Customers | 632 | 0 | 0 | 0 | 0 | 0 | 0 | | 632 | 5,911,462 | Demand FC |
| Old Demand Forecast | | | | | | | | | | | |
| AYTP CAT Customers: | | | | | | | | | | | |
| CAT Volumes for 2017 TCAP Mth/yr | 0 | | | | | 0 | | | 0 | 172,449 | 2008 SCG RI |
| New Demand Forecast | | | | | | | | | | | |
| AYTP CAT Customers: | | | | | | | | | | | |
| CAT Volumes for 2020 TCAP Mth/yr | | | | | | | | | | | Demand FC |
| · | | | | | | | | | | | |

Calculation of LUAF Allocator:

% Core

Old TCAP

% Core

New TCAP

% Core

| GHG | Alloc | ator |
|-----|-------|------|
|-----|-------|------|

| Current | |
|---------|--|
|---------|--|

| Less: GHG Charge Exempt Customers Mth/y | (3,849,464) | (79,646) | (1,118,614) | (66,431) | (96,890) | (1,361,582) | (116,299) | 0 | (5,327,345) | (5,327,345) | AL 5202, Oct |
|--|-------------|----------|-------------|----------|----------|-------------|-----------|---|-------------|-------------|--------------|
| Proposed Less: GHG Charge Exempt Customers Mth/y | (3,748,447) | (79,646) | (1,118,614) | (66,431) | (96,890) | (1,361,582) | (116,299) | 0 | (5,226,328) | (5,226,328) | (5,017,387) |
| Less. Gno Charge Exempt Customers withy | (3,740,447) | (79,040) | (1,110,014) | (00,431) | (90,090) | (1,301,302) | (110,299) | | (5,220,320) | (5,226,326) | (3,017,307) |
| California Solar Iniative Thermal Memorandum Account (CSITMA): | | | | | | | | | | | |
| Current: | | | | | | | | | | | |
| CARE Participants Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (634,786) | 2015 PPPS n |
| SGIP Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| EOR Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| EG Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Constitutionally Exempt Mth/y | (14,874) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (14,874) | (29,479) | 2015 PPPS n |
| Wholesale Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Update | | | | | | | | | | | |

CARE Participants Mth/y

SGIP Exempt Mth/y

0

0

0

0

0

0

(600,302)

0

0

0

0

2018 PPPS n

| | D | 0 | ND 4/0 | 0 F | NOV | T-1-10 | NonCore | F0 T' - 1 | 50 Time 0 | 500 |
|---|----------|----------|--------|------------|-----|------------|---------|-----------|-------------|-----|
| | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core | C&I | EG Tier 1 | EG Tier 2 | EOR |
| EOR Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EG Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Constitutionally Exempt Mth/y | (3,905) | (11,000) | 0 | 0 | 0 | (14,904) | (7,302) | 0 | 0 | 0 |
| Wholesale Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Allocator for California Air Resources Board AB 32 Admin Fee: Old Less: AB32Fees Exempt Customers Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (14,308) | (1,702,296) | |
| New | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (0.004) | (4,000,507) | |
| Less: AB32Fees Exempt Customers Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (6,021) | (1,606,597) | |

| | Total Retail | Long | | South | | Total Whole | | | Total | | |
|-------------------------------|---------------------|-------|-------|----------|--------|--------------------|----------|-----|---------|---------------------|-------------|
| | NonCore | Beach | SDG&E | West Gas | Vernon | sale | Mexicali | TBS | NonCore | Total System | Source |
| EOR Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | _ |
| EG Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Constitutionally Exempt Mth/y | (7,302) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (7,302) | (22,206) | 2018 PPPS π |
| Wholesale Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

Allocator for California Air Resources Board AB 32 Admin Fee:

Old

Less: AB32Fees Exempt Customers Mth/y

New

Less: AB32Fees Exempt Customers Mth/y

Procedure:

#1) Input from Cost Allocation Tab

#2) Transition Adjustments by Year

#3) Transition Adjustments Added to Customer Cost - output to Cost Alloc tab

Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total

| | Resid | Core C&I | NR A/C | Gas Eng | NGV | Total Core | NonCore C&I | EG Tier 1 | EG Tier 2 | EOR |
|--|----------------|-----------|--------|---------|----------|-------------|-------------|-----------|------------|----------|
| #1) Input from Cost Allocation Tab | | | | | | | | | | |
| Customer Cost w/o SA \$000 | \$1,051,452 | \$187,700 | \$17 | \$8,012 | \$10,784 | \$1,257,964 | \$20,463 | \$5,255 | \$6,441 | \$1,797 |
| Medium Pressure Distribution Costs | \$288,483 | \$65,399 | \$6 | \$313 | \$2,360 | \$356,561 | \$11,931 | \$2,356 | \$1,885 | \$43 |
| High Pressure Distribution Costs | \$95,956 | \$28,541 | \$6 | \$225 | \$2,904 | \$127,633 | \$19,392 | \$1,835 | \$4,972 | \$3,148 |
| Backbone Transmission Costs | \$47,092 | \$18,853 | \$8 | \$406 | \$3,257 | \$69,617 | \$28,241 | \$1,779 | \$45,192 | \$3,807 |
| Local Transmission Costs | \$26,588 | \$7,960 | \$2 | \$66 | \$996 | \$35,611 | \$9,491 | \$528 | \$14,150 | \$1,201 |
| Storage - Seasonal | \$67,728 | \$13,330 | \$7 | \$398 | \$813 | \$82,275 | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | \$17,719 | \$7,496 | \$3 | \$168 | \$1,350 | \$26,737 | \$11,673 | \$737 | \$18,729 | \$1,578 |
| Storage - TBS | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Uncollectibles | \$4,940 | \$1,020 | \$0 | \$30 | \$70 | \$6,059 | \$313 | \$39 | \$283 | \$0 |
| NGV Compression Costs: | \$0 | \$0 | \$0 | \$0 | \$2,964 | \$2,964 | \$0 | \$0 | \$0 | \$0 |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U | \$1,599,957 | \$330,299 | \$49 | \$9,618 | \$25,499 | \$1,965,422 | \$101,505 | \$12,530 | \$91,652 | \$11,574 |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total | 71.2% | 14.7% | 0.0% | 0.4% | 1.1% | 87.5% | 4.5% | 0.6% | 4.1% | 0.5% |
| Amount of Adjustment to 2020 -2022 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| / anount of / rajustino to 2020 2022 | 4 0 | Ψ- | Ψ0 | 40 | Ψ-0 | ~ ~ | Ψ- | Ψ-0 | 4 0 | Ψ0 |
| #3) Transition Adjustments Added to Customer Cost - output to | Cost Alloc tab | | | | | | | | | |
| Customer Cost w/o SA \$000 | \$1,051,452 | \$187,700 | \$17 | \$8,012 | \$10,784 | \$1,257,964 | \$20,463 | \$5,255 | \$6,441 | \$1,797 |
| Medium Pressure Distribution Costs | \$288,483 | \$65,399 | \$6 | \$313 | \$2,360 | \$356,561 | \$11,931 | \$2,356 | \$1,885 | \$43 |
| High Pressure Distribution Costs | \$95,956 | \$28,541 | \$6 | \$225 | \$2,904 | \$127,633 | \$19,392 | \$1,835 | \$4,972 | \$3,148 |
| Backbone Transmission Costs | \$47,092 | \$18,853 | \$8 | \$406 | \$3,257 | \$69,617 | \$28,241 | \$1,779 | \$45,192 | \$3,807 |
| Local Transmission Costs | \$26,588 | \$7,960 | \$2 | \$66 | \$996 | \$35,611 | \$9,491 | \$528 | \$14,150 | \$1,201 |
| Storage - Seasonal | \$67,728 | \$13,330 | \$7 | \$398 | \$813 | \$82,275 | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | \$17,719 | \$7,496 | \$3 | \$168 | \$1,350 | \$26,737 | \$11,673 | \$737 | \$18,729 | \$1,578 |
| Storage - TBS | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Uncollectibles | \$4,940 | \$1,020 | \$0 | \$30 | \$70 | \$6,059 | \$313 | \$39 | \$283 | \$0 |
| NGV Compression Costs: | \$0 | \$0 | \$0 | \$0 | \$2,964 | \$2,964 | \$0 | \$0 | \$0 | \$0 |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U | \$1,599,957 | \$330,299 | \$49 | \$9,618 | \$25,499 | \$1,965,422 | \$101,505 | \$12,530 | \$91,652 | \$11,574 |

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Procedure:

- #1) Input from Cost Allocation Tab
- #2) Transition Adjustments by Year
- #3) Transition Adjustments Added to Customer Cost output to Cost

Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total

| | Total Retail | | | | | Total Whole | | | | |
|--|--------------|------------|----------|---------------|---------|-------------|---------|------|---------------|----------------|
| | NonCore | Long Beach | SDG&E | Sout West Gas | Vernon | sale | Ecogas | UBS | Total NonCore | Total System |
| #1) Input from Cost Allocation Tab | | | | | | | | | | |
| Customer Cost w/o SA \$000 | \$33,956 | \$490 | \$875 | \$430 | \$294 | \$2,088 | \$114 | \$0 | \$36,159 | \$1,294,123 |
| Medium Pressure Distribution Costs | \$16,216 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$16,216 | \$372,777 |
| High Pressure Distribution Costs | \$29,347 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$29,347 | \$156,980 |
| Backbone Transmission Costs | \$79,019 | \$1,574 | \$21,093 | \$1,308 | \$1,857 | \$25,831 | \$2,119 | \$0 | \$106,970 | \$176,587 |
| Local Transmission Costs | \$25,370 | \$715 | \$8,246 | \$784 | \$562 | \$10,307 | \$668 | \$0 | \$36,345 | \$71,956 |
| Storage - Seasonal | \$0 | \$0 | \$11,522 | \$0 | \$0 | \$11,522 | \$0 | \$0 | \$11,522 | \$93,797 |
| Storage - Load Balancing | \$32,717 | \$601 | \$8,447 | \$502 | \$732 | \$10,282 | \$878 | \$0 | \$43,878 | \$70,614 |
| Storage - TBS | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Uncollectibles | \$635 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$635 | \$6,695 |
| NGV Compression Costs: | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,964 |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U | \$217,261 | \$3,380 | \$50,183 | \$3,024 | \$3,444 | \$60,030 | \$3,780 | \$0 | \$281,071 | \$2,246,492.33 |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total | 9.7% | 0.2% | 2.2% | 0.1% | 0.2% | 2.7% | 0.2% | 0.0% | 12.5% | 100.0% |
| | | | | | | | | | | |
| Amount of Adjustment to 2020 -2022 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| #3) Transition Adjustments Added to Customer Cost - output to | | | | | | | | | | |
| Customer Cost w/o SA \$000 | \$33,956 | \$490 | \$875 | \$430 | \$294 | \$2,088 | \$114 | \$0 | \$36,159 | \$1,294,123 |
| Medium Pressure Distribution Costs | \$16,216 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$16,216 | \$372,777 |
| High Pressure Distribution Costs | \$29,347 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$29,347 | \$156,980 |
| Backbone Transmission Costs | \$79,019 | \$1,574 | \$21,093 | \$1,308 | \$1,857 | \$25,831 | \$2,119 | \$0 | \$106,970 | \$176,587 |
| Local Transmission Costs | \$25,370 | \$715 | \$8,246 | \$784 | \$562 | \$10,307 | \$668 | \$0 | \$36,345 | \$71,956 |
| Storage - Seasonal | \$0 | \$0 | \$11,522 | \$0 | \$0 | \$11,522 | \$0 | \$0 | \$11,522 | \$93,797 |
| Storage - Load Balancing | \$32,717 | \$601 | \$8,447 | \$502 | \$732 | \$10,282 | \$878 | \$0 | \$43,878 | \$70,614 |
| Storage - TBS | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Uncollectibles | \$635 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$635 | \$6,695 |
| NGV Compression Costs: | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,964 |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U | \$217,261 | \$3,380 | \$50,183 | \$3,024 | \$3,444 | \$60,030 | \$3,780 | \$0 | \$281,071 | \$2,246,492 |

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Procedure:

#1) Input from Cost Allocation Tab

#2) Transition Adjustments by Year

#3) Transition Adjustments Added to Customer Cost - output to Cost

| | NCCI-Total | NCCI-D | NCCI-T | EOR-Total | EOR-D | EOR-T | Total EG | EG Tier 1 | EG Tier 1 Dist | EG Tier 1 Trans | EG Tier 2 |
|--|----------------------|----------------------|-----------------|--------------------|--------------------|---------------|---------------------|--------------------|--------------------|--------------------|----------------------|
| #1) Input from Cost Allocation Tab | | | | | | | | | | | |
| Customer Cost w/o SA \$000 | \$20,463 | \$19,442 | \$1,021 | \$1,797 | \$1,216 | \$581 | \$11,696 | \$5,255 | \$5,024 | \$231 | \$6,441 |
| Medium Pressure Distribution Costs | \$11,931 | \$11,931 | \$0 | \$43 | \$43 | \$0 | \$4,241 | \$2,356 | \$2,356 | \$0 | \$1,885 |
| High Pressure Distribution Costs | \$19,392 | \$19,392 | \$0 | \$3,148 | \$3,148 | \$0 | \$6,807 | \$1,835 | \$1,835 | \$0 | \$4,972 |
| Backbone Transmission Costs | \$28,241 | \$16,831 | \$11,410 | \$3,807 | \$2,765 | \$1,042 | \$46,971 | \$1,779 | \$1,612 | \$167 | \$45,192 |
| Local Transmission Costs | \$9,491 | \$5,373 | \$4,118 | \$1,201 | \$872 | \$329 | \$14,679 | \$528 | \$509 | \$20 | \$14,150 |
| Storage - Seasonal | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | \$11,673 | \$6,945 | \$4,728 | \$1,578 | \$1,146 | \$432 | \$19,466 | \$737 | \$668 | \$69 | \$18,729 |
| Storage - TBS | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Uncollectibles | \$313 | \$248 | \$66 | \$0 | \$0 | \$0 | \$322 | \$39 | \$37 | \$2 | \$283 |
| NGV Compression Costs: | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U | \$101,505 | \$80,163 | \$21,342 | \$11,574 | \$9,190 | \$2,384 | \$104,182 | \$12,530 | \$12,041 | \$489 | \$91,652 |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total | 4.5% | 3.6% | 1.0% | 0.5% | 0.4% | 0.1% | 4.6% | 0.6% | 0.5% | 0.0% | 4.1% |
| Amount of Adjustment to 2020 -2022 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| , | 40 | Ψů | Ψ. | • | Ψū | Ų. | Ψ0 | Ψ° | Ψ0 | Ψ0 | Ψ0 |
| #3) Transition Adjustments Added to Customer Cost - output to | #00.400 | £40.440 | £4.004 | £4.707 | £4.040 | # F04 | C44 COC | #F 0FF | CE 004 | CO04 | 00.444 |
| Customer Cost w/o SA \$000 Medium Pressure Distribution Costs | \$20,463 \$11,931 | \$19,442 \$11,931 | \$1,021 \$0 | \$1,797 \$43 | \$1,216 \$43 | \$581 \$0 | \$11,696 \$4,241 | \$5,255 \$2,356 | \$5,024 \$2,356 | \$231 \$0 | \$6,441 \$1,885 |
| High Pressure Distribution Costs | \$11,931 \$19,392 | \$11,931 | \$0 \$0 | \$43 \$3,148 | • | \$0 \$0 | \$4,241 \$6,807 | \$2,356 \$1,835 | \$2,356 \$1,835 | \$0 \$0 | \$1,885 \$4,972 |
| Backbone Transmission Costs | \$19,392 \$28,241 | \$19,392 \$16,831 | \$0 \$11,410 | \$3,148 \$3,807 | \$3,148 \$2,765 | φυ \$1,042 | \$6,807 \$46,971 | \$1,835 \$1,779 | \$1,635 \$1,612 | \$0 \$167 | \$4,972 \$45,192 |
| Local Transmission Costs | \$9,491 | \$5,373 | \$4,118 | \$1,201 | \$2,765 \$872 | \$329 | \$14,679 | \$1,779 \$528 | \$509 | \$20 | \$45,192 \$14,150 |
| Storage - Seasonal | \$9,491 \$0 | \$5,373 \$0 | \$4,118 \$0 | . , | \$872 \$0 | \$329 \$0 | \$14,679 \$0 | \$528 \$0 | \$509 \$0 | \$20 \$0 | \$14,150 \$0 |
| ě | \$0 \$11,673 | * - | * - | \$0 \$1.570 | ֆՍ \$1.146 | \$0 \$432 | * - | ან \$737 | * - | * - | |
| Storage - Load Balancing Storage - TBS | \$11,673 \$0 | \$6,945 \$0 | \$4,728 \$0 | \$1,578 \$0 | \$1,146 \$0 | \$432 \$0 | \$19,466 \$0 | \$737 \$0 | \$668 \$0 | \$69 \$0 | \$18,729 \$0 |
| Uncollectibles | \$0 \$313 | \$0 \$248 | \$0 \$66 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$322 | \$0 \$39 | \$0 \$37 | \$0 \$2 | \$0 \$283 |
| NGV Compression Costs: | \$313 \$0 | \$248 \$0 | \$66 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$322 \$0 | \$39 \$0 | \$37 \$0 | \$2 \$0 | \$283 \$0 |
| NOV Compression Costs. | ΦО | φυ | φυ | φυ | φυ | φυ | φυ | Φυ | φυ | φυ | φυ |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U | \$101,505 | \$80,163 | \$21,342 | \$11,574 | \$9,190 | \$2,384 | \$104,182 | \$12,530 | \$12,041 | \$489 | \$91,652 |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total | 4.5% | 3.6% | 1.0% | 0.5% | 0.4% | 0.1% | 4.6% | 0.6% | 0.5% | 0.0% | 4.1% |

Procedure:

#1) Input from Cost Allocation Tab

#2) Transition Adjustments by Year

#3) Transition Adjustments Added to Customer Cost - output to Cost

| | EG Tier 2 | EG Tier 2 | | | | | | | | | | |
|--|-----------|-----------|------------------|---------------|---------|-------------|-----------|--------|--------|--------|---------|-----------|
| | Dist | Trans | Total EG | SOURCE | | | | | | | | |
| #1) Input from Cost Allocation Tab | | | | | | | | | | | | |
| Customer Cost w/o SA \$000 | \$2,913 | \$3,528 | \$11,696 | Cost Allocati | on Tab | | | | | | | |
| Medium Pressure Distribution Costs | \$1,885 | \$0 | \$4,241 | Cost Allocati | on Tab | | | | | | | |
| High Pressure Distribution Costs | \$4,972 | \$0 | \$6,807 | Cost Allocati | ion Tab | | | | | | | |
| Backbone Transmission Costs | \$4,428 | \$40,764 | \$46,971 | Cost Allocati | on Tab | | | | | | | |
| Local Transmission Costs | \$1,377 | \$12,773 | \$14,679 | Cost Allocati | on Tab | | | | | | | |
| Storage - Seasonal | \$0 | \$0 | \$0 | Cost Allocati | on Tab | | | | | | | |
| Storage - Load Balancing | \$1,835 | \$16,894 | \$19,466 | Cost Allocati | on Tab | | | | | | | |
| Storage - TBS | \$0 | \$0 | \$0 | Cost Allocati | on Tab | | | | | | | |
| Uncollectibles | \$54 | \$229 | \$322 | Cost Allocati | on Tab | | | | | | | |
| NGV Compression Costs: | \$0 | \$0 | \$0 | Cost Allocati | on Tab | | | | | | | |
| | | | | | | | | | | | | |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U | \$17,463 | \$74,189 | \$104,182 | | | | | | | | | |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total | 0.8% | 3.3% | 4.6% | | | | | | | | _ | |
| | | | | NCCI-D | NCCI-T | EG-T Tier 1 | | LB | SW | Vernon | Ecogas | Total |
| #2) Transition Adjustments by Year | | | AYTP Mth | 919,735 | 626,080 | 9,166 | 2,237,170 | 79,646 | 66,431 | 96,890 | 116,299 | 4,151,417 |
| | | | % AYTP | 22% | 15% | 0% | 54% | 2% | 2% | 2% | 3% | 100% |
| | | | % AYTP excl NC0 | | 19% | 0% | 69% | 2% | 2% | 3% | 4% | 100% |
| | | | Move half of NCC | I 11% | 17% | 0% | 62% | 2% | 2% | 3% | 3% | 100% |
| | | | | | | | | | | | | |
| Amount of Adjustment to 2020 -2022 | \$0 | \$0 | \$0 | | | | | | | | | |
| #3) Transition Adjustments Added to Customer Cost - output to | | | | | | | | | | | | |
| Customer Cost w/o SA \$000 | \$2,913 | \$3,528 | \$11,696 | | | | | | | | | |
| Medium Pressure Distribution Costs | \$1,885 | \$0 | \$4,241 | | | | | | | | | |
| High Pressure Distribution Costs | \$4,972 | \$0 | \$6,807 | | | | | | | | | |
| Backbone Transmission Costs | \$4,428 | \$40,764 | \$46,971 | | | | | | | | | |
| Local Transmission Costs | \$1,377 | \$12,773 | \$14,679 | | | | | | | | | |
| Storage - Seasonal | \$0 | \$0 | \$0 | | | | | | | | | |
| Storage - Load Balancing | \$1,835 | \$16,894 | \$19,466 | | | | | | | | | |
| Storage - TBS | \$0 | \$0 | \$0 | | | | | | | | | |
| Uncollectibles | \$54 | \$229 | \$322 | | | | | | | | | |
| NGV Compression Costs: | \$0 | \$0 | \$0 | | | | | | | | | |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U | \$17,463 | \$74,189 | \$104,182 | | | | | | | | | |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total | 0.8% | 3.3% | 4.6% | | | | | | | | | |
| Total margin Allocation w/o Si or Fuel Use, W/ FF&U as % total | 0.8% | 3.3% | 4.0% | | | | | | | | | |

Procedure:

#1) Input from Cost Allocation Tab

#2) Transition Adjustments by Year

#3) Transition Adjustments Added to Customer Cost - output to Cost

#1) Input from Cost Allocation Tab

Customer Cost w/o SA \$000
Medium Pressure Distribution Costs
High Pressure Distribution Costs
Backbone Transmission Costs
Local Transmission Costs
Storage - Seasonal
Storage - Load Balancing
Storage - TBS
Uncollectibles

Total Margin Allocation w/o SI or Fuel Use, W/ FF&U

Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total

#2) Transition Adjustments by Year

NGV Compression Costs:

3,231,682

Amount of Adjustment to 2020 -2022

#3) Transition Adjustments Added to Customer Cost - output to

Customer Cost w/o SA \$000 Medium Pressure Distribution Costs High Pressure Distribution Costs Backbone Transmission Costs Local Transmission Costs Storage - Seasonal Storage - Load Balancing

Storage - TBS

Uncollectibles

NGV Compression Costs:

Total Margin Allocation w/o SI or Fuel Use, W/ FF&U

Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total

File = 2020 TCAP SCG RD Model Bonnett SCG Workpapers - 95 of 256 Tab = CA Model

SoCalGas - EOR Credit Calculation 2020 TCAP Application

| | | | | | | | | Non Core | | | | Total Retail |
|--|------------|------------|-----------|--------|---------|---------|------------|----------|-----------|-----------|-----------|--------------|
| | | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core | C&I | EG Tier 1 | EG Tier 2 | EOR | Non Core |
| EOR Revenue & Costs to be used: | | | | | | | | | | | | |
| EPAM All Excl. Unbundled Storage + EOR | | 75.6% | 15.2% | 0.0% | 0.4% | 1.1% | 92.3% | 3.6% | 0.5% | 2.3% | 0.0% | 6.4% |
| EOR Revenue allocated to Other Classes \$000 | (\$14,964) | (\$11,314) | (\$2,269) | (\$0) | (\$67) | (\$162) | (\$13,812) | (\$534) | (\$78) | (\$339) | | (\$951) |
| EOR Costs allocated to Other Classes \$000 | \$9,448 | \$7,143 | \$1,433 | \$0 | \$42 | \$102 | \$8,721 | \$337 | \$49 | \$214 | (\$9,448) | (\$8,848) |
| | | | | | | | | | | | | |

| Calculation of EOR Revenue: | EOR \$000 | Source |
|---|-----------|---|
| EOR Revenue: | | |
| EOR-D Revenue | | |
| Customer Charge \$/mo | \$500.00 | |
| # EOR-D Customers | 23 | Alloc Factors |
| EOR-D Customer Charge Revenue \$000 | \$138 | _ |
| EOR-D Rate (i.e. average EG-D rate) \$/th | \$0.08792 | EG-D Rates / RUN (this is done to avoid circ ref) |
| EOR-D Vols mth/yr | 151,758 | Alloc Factors |
| | \$13,342 | _ |
| Less EOR-D Customer Charge Revenue \$000 | \$138 | |
| EOR-D Volumetric Revenue \$000 | \$13,204 | _ |
| EOR-D Volumetric Rate \$/th | \$0.08701 | |
| Total EOR-D Revenue \$000 | \$13,342 | |
| EOR-T Revenue (based on TLS rate) | \$1,622 | Trans Rate/RUN (this is done to avoid circ ref) |
| Total EOR Revenue \$000 | \$14,964 | - |

Calculation of Shareholder's Portion of EOR Revenue:

| EOR Revenue \$000 | \$14,964 | |
|---|----------|------------|
| less EOR's allocated CoUse Transmission \$000 | \$0 | Cost Alloc |
| less EOR's allocated CoUse Other \$000 | (\$22) | Cost Alloc |
| less EOR's allocated CoUse Storage Load Balancing \$000 | (\$22) | Cost Alloc |
| less EOR's allocated UAF \$000 | (\$252) | Cost Alloc |
| | \$14,668 | <u> </u> |
| Sharheolder's % | 0% | |
| Shareholder's Portion of EOR Revenue \$000 | \$0 | |

Calculation of Ratepayer's portion of EOR Revenue:

| EOR Revenue \$000 | \$14,964 | |
|--|----------|------------|
| less Shareholder's Portion of EOR Revenue \$000 | \$0 | |
| EOR revenue Allocated to Other Classes \$000 | \$14,964 | _ |
| less EOR Costs Allocated to Other Classes \$000 | \$9,448 | Cost Alloc |
| Net Ratepayer's share of EOR Revenue (i.e. EOR Credit) \$000 | \$5,516 | |

SoCalGas - EOR Credit Calculation 2020 TCAP Application

| | | | | Total | | | | Total | |
|--------|----------------|---------------------------------------|--|---|---|--|---|---|---|
| Long | | Sout West | | Whole | | | Total Non | System | |
| Beach | SDG&E | Gas | Vernon | sale | DGN | TBS | Core | \$000 | Source |
| | | | | | | | | | |
| 0.1% | 1.0% | 0.1% | 0.1% | 1.3% | 0.1% | 0.0% | 7.7% | 100.0% | Alloc Factors |
| (\$13) | (\$152) | (\$13) | (\$12) | (\$189) | (\$12) | \$0 | (\$1,152) | (\$14,964) | |
| \$8 | \$96 | \$8 | \$7 | \$119 | \$8 | \$0 | (\$8,721) | \$0 | |
| | 0.1% (\$13) | Beach SDG&E 0.1% 1.0% (\$13) (\$152) | Beach SDG&E Gas 0.1% 1.0% 0.1% (\$13) (\$152) (\$13) | Beach SDG&E Gas Vernon 0.1% 1.0% 0.1% 0.1% (\$13) (\$152) (\$13) (\$12) | Long Beach Sout West Gas Whole sale 0.1% 1.0% 0.1% 0.1% 1.3% (\$13) (\$152) (\$13) (\$12) (\$189) | Long Beach Sout West Gas Whole vernon Whole Sale DGN 0.1% 1.0% 0.1% 0.1% 1.3% 0.1% (\$13) (\$152) (\$13) (\$12) (\$189) (\$12) | Long Beach Sout West Gas Whole vernon Whole sale DGN TBS 0.1% 1.0% 0.1% 0.1% 1.3% 0.1% 0.0% (\$13) (\$152) (\$13) (\$12) (\$189) (\$12) \$0 | Long Beach Sout West SDG&E Whole sale Usernon Whole sale Usernon Total Non Core 0.1% 1.0% 0.1% 0.1% 1.3% 0.1% 0.0% 7.7% (\$13) (\$152) (\$13) (\$12) (\$189) (\$12) \$0 (\$1,152) | Long Beach Sout West SDG&E Whole Gas Whole Sale DGN Total Non Total Non System System 0.1% 1.0% 0.1% 0.1% 1.3% 0.1% 0.0% 7.7% 100.0% (\$13) (\$152) (\$13) (\$12) (\$189) (\$12) \$0 (\$1,152) (\$14,964) |

Calculation of EOR Revenue:

EOR Revenue:

EOR-D Revenue

Customer Charge \$/mo

EOR-D Customers

EOR-D Customer Charge Revenue \$000

EOR-D Rate (i.e. average EG-D rate) \$/th

EOR-D Vols mth/yr

Less EOR-D Customer Charge Revenue \$000

EOR-D Volumetric Revenue \$000

EOR-D Volumetric Rate \$/th

Total EOR-D Revenue \$000

EOR-T Revenue (based on TLS rate)

Total EOR Revenue \$000

Calculation of Shareholder's Portion of EOR Revenue:

EOR Revenue \$000

less EOR's allocated CoUse Transmission \$000

less EOR's allocated CoUse Other \$000

less EOR's allocated CoUse Storage Load Balancing \$0

less EOR's allocated UAF \$000

Sharheolder's %

Shareholder's Portion of EOR Revenue \$000

Calculation of Ratepayer's portion of EOR Revenue:

EOR Revenue \$000

less Shareholder's Portion of EOR Revenue \$000

EOR revenue Allocated to Other Classes \$000

less EOR Costs Allocated to Other Classes \$000

Net Ratepayer's share of EOR Revenue (i.e. EOR Credi

2020 TCAP Application MISCELLANEOUS INPUTS

| #1 Applicable Franchise Fee & Uncollectible Factors | | Source | Example FFU Calculation: | | W/S | System | Non W/S |
|---|-------------|---------------|--|-----------|-----------|-----------|-----------|
| Uncollectible Rate: | | Source | Gross Revenue Billed | | \$100.000 | \$100.000 | \$100.000 |
| | 0.000000/ | 0040 000 | | 0.000000/ | φ100.000 | ψ100.000 | |
| System Avg Uncollectible rate | 0.29800% | 2016 GRC | Uncollectable | 0.29800% | | | \$0.294 |
| Uncollectable Rate for non-exempt customers: | | | Uncollectable non-exempt | 0.30390% | | \$0.300 | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$1,923,739 | 2016 GRC | Franchise Rate | 1.4136% | \$1.414 | \$1.414 | \$1.414 |
| Wholesale Margin Allocation pre-SI | (\$42,187) | 2016 GRC | Net Revenue | _ | \$98.586 | \$98.287 | \$98.293 |
| DGN Margin Allocation pre-SI | (\$1,239) | 2016 GRC | | | | | |
| | \$1,880,313 | " | if I want this net revenue | | \$98.586 | \$98.287 | \$98.293 |
| Uncollectible rate adjustment used | 98.058% | | Net to Gross = Gross Revenue/Net revenue = | | 101.4339% | 101.7431% | 101.7370% |
| Uncollectable Rate for non-exempt customers | 0.30390% | | then I need to bill this amount | - | \$100.000 | \$100.000 | \$100.000 |
| Franchise Fee Rate: | | | If I bill this amount | | \$100.00 | \$100.00 | \$100.00 |
| Franchise Rate | 1.41360% | 2016 GRC | Gross-to-Net = Net Revenue/Gross Revenue = | | 98.5864% | 98.2868% | 98.2926% |
| | | | then I will get this net revenue | - | \$98.586 | \$98.287 | \$98.293 |
| FF&U rates with Gross-up: | | | | | | | |
| Wholesale Franchise Factor | 101.4339% | | If I bill this amount | | \$100.00 | \$100.00 | \$100.00 |
| Retail Franchise Fee & Uncollectible Factor FFU | 101.7370% | | 1-(Net Revenue/Gross Revenue) = | | 1.4136% | 1.7132% | 1.7074% |
| System Franchise Fee & Uncollectible Factor FFU | 101.7431% | | then I will get this net revenue | | \$98.586 | \$98.287 | \$98.293 |

#2 Sempra Utilities Retail CORE Commodity SoCal Citygate for Purchases

Gas Cost \$/dth \$2.77 2020 TCAP

#3 BTU Factor

1.0343 Mbtu/cf

Demand FC

1,034 Mbtu/mcf

1 th = 100,000 BTUs

1,000 Mth = 100,000MBTUs

#4 Calculation of Brokerage Fee:

Brokerage fees cover the costs of the Gas Acquisition department.

These costs are included in SCG's GRC; but not in SDGE's GRC.

Since these costs are recovered through the procurement rate, they are removed from the revenue requirement used to calculate the transmission rates.

| Core Broker Fee Rate \$/th | \$0.00207 | TCAP |
|-----------------------------|-----------|------|
| SCG Mth/yr | 3,290,999 | TCAP |
| SDGE Mth/yr | 473,212 | TCAP |
| Core AYTP Mth/yr | 3,764,211 | |
| Core Broker Fee \$000 | \$7,792 | _ |
| Brokerage Fee | 1.017 | |
| Core Broker Fee w/FFU \$000 | \$7,927 | _ |
| | \$0.00211 | _ |

#5 Calculation of UnAccounted For Gas:

| UAF Volumes Mth/yr | 87,664 | TCAP |
|-------------------------|-----------|------|
| System AYTP Mth/yr | 9,350,960 | |
| % UAF (as % of end use) | 0.937% | |
| SoCal Citygate \$/dth | \$2.77 | _ |
| UAF \$/yr | \$24,272 | _ |

#6 Company Use Gas: Storage Load Balancing

| Mth/yr | 3,534 | workpaper from Capacity Products |
|---|--------|----------------------------------|
| SoCal Citygate \$/dth | \$2.77 | |
| Company Use Gas: Storage Load Balancing | \$979 | |

#7 Co Use-Other:

| <u> </u> | Mth/y | SOURCE | |
|---------------------------|-----------|-------------|--|
| Forecast annual avg (Mth) | 3,584 | Demand FC | |
| Citygate \$/th | \$0.27687 | | |
| Co Use Other \$000 | \$992 | | |

#8 Well Incident & Surface Leaks (WISL)

| | MMBTU | Mth/y | SOURCE |
|----------------|---------|-----------|----------------------|
| 2001 | 35,404 | 354 | Gas Acquisition Dept |
| 2002 | 38,415 | 384 | Gas Acquisition Dept |
| 2003 | 39,453 | 395 | Gas Acquisition Dept |
| 2004 | 68,202 | 682 | Gas Acquisition Dept |
| 2005 | 51,019 | 510 | Gas Acquisition Dept |
| 2006 | 82,291 | 823 | Gas Acquisition Dept |
| 2007 | 90,572 | 906 | Gas Acquisition Dept |
| 2008 | 19,015 | 190 | Gas Acquisition Dept |
| 2009 | 89,922 | 899 | Gas Acquisition Dept |
| 2010 | 142,015 | 1,420 | Gas Acquisition Dept |
| 2011 | 116,174 | 1,162 | Gas Acquisition Dept |
| 2012 | 56,626 | 566 | Gas Acquisition Dept |
| 2013 | 127,790 | 1,278 | Gas Acquisition Dept |
| 2014 | 79,934 | 799 | Gas Acquisition Dept |
| 2015 | 6,667 | 67 | Gas Acquisition Dept |
| 2016 | 6,269 | 63 | Gas Acquisition Dept |
| 2017 | 5,571 | 56 | Gas Acquisition Dept |
| average | 62,079 | 452 | |
| Citygate \$/th | | \$0.27687 | |
| WISL \$000 | | \$125 | - |

#9 Integrated ITBA Regulatory Account:

Calculation of ITBA Allocator:

| | | ITBA | |
|-----------|-------------|-----------|---------------|
| | CYTP Mth/yr | Allocator | Source |
| SDGE | 1,147,948 | 12.1% | SDGE RD Model |
| SCG | 9,691,163 | | Alloc Factors |
| Less EOR | (208,941) | | Alloc Factors |
| Less SDGE | (1,157,571) | | Alloc Factors |
| | 8,324,651 | 87.9% | |
| Total SEU | 9,472,599 | 100.0% | |
| | | | |

#10 SCG - Gas price for Gas Procurement for LUAF (\$/mmbtu)

SoCalGas Citygate Price \$/th

| COCALCAC CITY GATO I TICO CITI | | |
|---|-----------|-----------------|
| SoCal Border price | \$0.24430 | TCAP - forecast |
| Brokerage Fee | \$0.00207 | |
| Subtotal | \$0.24637 | |
| FFU | 101.7370% | |
| Subtotal with FFU | \$0.25065 | |
| Backbone Transmission Service \$/th/day | \$0.02624 | TCAP - forecast |
| SCG Citygate procurement price (\$/th) | \$0.27690 | |
| | | |

#11 SCG - Gas price for Residential Bill (\$/mmbtu)

SoCalGas Core Procurement Price \$/th

| SoCal Border price | \$0.24430 |
|---|------------|
| Brokerage Fee | \$0.00207 |
| Subtotal | \$0.24637 |
| FFU | 101.7370% |
| Subtotal with FFU | \$0.25065 |
| Backbone Transmission Service \$/th/day | \$0.026245 |
| SCG Gas Procurement (\$/th) | \$0.27690 |

#12 SCG - Low Carbon Fuel Standard (LCFS) Credit - AL 4779 & AL 2370-G

| | SoCalGas | SDG&E | Sempra-Wide | Source |
|--|-----------|-----------|-------------|-------------|
| Public Access Compression Volumes (Mth/yr) | 2,833 | 628 | 3,461 | D.14-06-007 |
| Net revenues of LCFS credits (\$000) | \$0 | \$0 | | |
| FF&U | 101.7370% | 102.2946% | | |
| Subtotal with FFU | \$0 | \$0 | \$0 | |
| LCFS Rate Credit (th) | \$0.00000 | \$0.00000 | \$0.00000 | |
| | | <u> </u> | | |

#13 AB32 Admin Fees

2020 TCAP Application

Summary of Rate Adder Components

| | System Total (\$000) | Rate Adder Contribution | Relative Contribution |
|--|----------------------|----------------------------|--------------------------|
| AB32 Fees (subtracted from base margin and allocated here) | \$4,615 | \$0.00076 | 75% |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0.00000 | 0% |
| Environmental Fee Memorandum Account EFMA | \$0 | \$0.00000 | 0% |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$1,519 | \$0.00025 | 25% |
| Total | \$6,134 | | 100% |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | 6,051,520 | | |
| Rate Adder \$/th | \$0.00101 | \$0.00101 | |

AB 32 Admin Fee Components from Cost Alloc

| | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core | Non Core C&I | EG Tier 1 | EG Tier 2 |
|--|-----------|-----------|-----------|-----------|-----------|------------|--------------|-----------|-----------|
| AB32 Fees (subtracted from base margin and allocated here) | \$1,789 | \$757 | \$0 | \$17 | \$136 | \$2,700 | \$1,179 | \$70 | \$666 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Environmental Fee Memorandum Account EFMA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$589 | \$249 | \$0 | \$6 | \$45 | \$889 | \$388 | \$23 | \$219 |
| Total | \$2,378 | \$1,006 | \$0 | \$23 | \$181 | \$3,589 | \$1,567 | \$93 | \$885 |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | 2,346,353 | 992,706 | 416 | 22,302 | 178,769 | 3,540,545 | 1,545,814 | 91,594 | 873,567 |
| Rate Adder | \$0.00101 | \$0.00101 | \$0.00101 | \$0.00101 | \$0.00101 | \$0.00101 | \$0.00101 | \$0.00101 | \$0.00101 |

AB 32 Admin Fee Components from NCCI Detail Alloc

| | Total Allocated | | | |
|--|-----------------|-----------|-----------|------------|
| | NCCI-D | NCCI-T | to NCCI | Source |
| AB32 Fees (subtracted from base margin and allocated here) | \$701 | \$477 | \$1,179 | Cost Alloc |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | Cost Alloc |
| Environmental Fee Memorandum Account EFMA | \$0 | \$0 | \$0 | Cost Alloc |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$231 | \$157 | \$388 | Cost Alloc |
| Total | \$932 | \$635 | \$1,567 | • |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | 919,735 | 626,080 | 1,545,814 | Cost Alloc |
| Rate Adder | \$0.00101 | \$0.00101 | \$0.00101 | • |

AB 32 Admin Fee Components from EG Detail Alloc

| | EG-D-T1 | EG-D-T2 | EG-T | Total EG | Source |
|--|-----------|-----------|-----------|-----------|------------|
| AB32 Fees (subtracted from base margin and allocated here) | \$67 | \$185 | \$484 | \$736 | Cost Alloc |
| GRCMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 | Cost Alloc |
| Environmental Fee Memorandum Account EFMA | \$0 | \$0 | \$0 | \$0 | Cost Alloc |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$22 | \$61 | \$159 | \$242 | Cost Alloc |
| Total | \$89 | \$246 | \$643 | \$978 | |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | 88,040 | 242,836 | 634,285 | 965,161 | Cost Alloc |
| Rate Adder | \$0.00101 | \$0.00101 | \$0.00101 | \$0.00101 | |

GHG Fees 2020 TCAP Application

Summary of Rate Adder Components

| | System Total (\$000) | Rate Adder Contribution | |
|--|-------------------------|----------------------------|--|
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0.000000 | |
| Total | \$0 | | |
| AYTP Mth/yr GHG Fee Non-Exempt Customers Mth/y | 4,124,632 | | |
| Rate Adder \$/th | \$0.00000 | \$0.00000 | |

GHG Fee Components from Cost Alloc

| | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core | Non Core C&I | EG Tier 1 | EG Tier 2 |
|--|-----------|-----------|-----------|-----------|-----------|-------------------|--------------|-----------|-----------|
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AYTP Mth/yr GHG Fee Non-Exempt Customers Mth/y | 2,346,353 | 992,706 | 416 | 22,302 | 178,769 | 3,540,545 | 449,712 | 81,388 | 52,987 |
| Rate Adder \$/th | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |

GHG Fee Components from NCCI Detail Alloc

| | Total Allocated | | | |
|--|-----------------|-----------|-----------|-------------------|
| | NCCI-D | NCCI-T | to NCCI | Source |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | NCCI Detail Alloc |
| Total | \$0 | \$0 | \$0 | |
| AYTP Mth/yr GHG Fee Non-Exempt Customers Mth/y | 370,905 | 78,807 | 449,712 | NCCI Detail Alloc |
| Rate Adder | \$0.00000 | \$0.00000 | \$0.00000 | |

GHG Fee Components from EG Detail Alloc

| | EG-D-T1 | EG-D-T2 | EG-T | Total EG | Source |
|--|-----------|-----------|-----------|-----------|-----------------|
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | EG Detail Alloc |
| Total | \$0 | \$0 | \$0 | \$0 | |
| AYTP Mth/yr GHG Fee Non-Exempt Customers Mth/y | 74,114 | 29,918 | 30,343 | 134,375 | EG Detail Alloc |
| Rate Adder | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | |

California Climate Credit

California Climate Credit (to be returned to Residential Customers in October bills)

| | SoCalGas | SDG&E |
|----------------------------|----------|-------|
| Allowance Revenue, \$000 | | _ |
| # of Residential Customers | | |
| Climate Credit | | |

Source
SoCalGas AL xxxxand SDGE AL xxxx
SoCalGas AL xxxxand SDGE AL xxxx

| | Total Retail | | | Sout West | | Total Whole | | | Total Non | Total System | F&U Amount | Total Allocated | |
|-----------|--------------|------------|-----------|-----------|-----------|-------------|-----------|-----------|-----------|-----------------|---------------|--------------------|---------------|
| EOR | Non Core | Long Beach | SDG&E | Gas | Vernon | sale | DGN | TBS | Core | \$000 | \$000 | \$000 | Source |
| \$0 | \$1,915 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,915 | \$4,615 | \$79 | \$4,536 | Cost Alloc |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Cost Alloc |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Cost Alloc |
| \$0 | \$630 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$630 | \$1,519 | \$26 | \$1,493 | Cost Alloc |
| \$0 | \$2,545 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,545 | \$6,134 | \$105 | \$6,029 | |
| 0 | 2,510,975 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,510,975 | 6,051,520 | | | Alloc Factors |
| \$0.00000 | \$0.00101 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00101 | \$0.00101 | | | |

| | | | | | | | | | | Total | F&U | Total | |
|-----------|--------------|------------|-----------|------------|-----------|-------------|-----------|-----------|-----------|-----------|--------|-----------|---------------|
| | Total Retail | | | South West | | Total Whole | | | Total Non | System | Amount | Allocated | |
| EOR | Non Core | Long Beach | SDG&E | Gas | Vernon | sale | DGN | TBS | Core | \$000 | \$000 | \$000 | Source |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Cost Alloc |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| 0 | 584,087 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 584,087 | 4,124,632 | | | Alloc Factors |
| \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | | | - |

System Integration ("SI") and BackBone Transmission BTS charge 2020 TCAP Application

To calculate w/o SI, use Pre-SI Local-T/BBT/CoUse/ w/oFFU instead of Post-SI amounts.

| | | | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core |
|---------------------------------|---------------------------------|------------------------------|------------|----------|--------|---------|---------|------------|
| Calculation of Local-Transmiss | sion Costs under System Inte | egration: | | | | | | |
| A) Pre-SI Local Transmission (| Costs from Cost Allocation N | Models w/FFU | | | | | | |
| SCG w/FFU \$000 | | \$71,956 | \$26,588 | \$7,960 | \$2 | \$66 | \$996 | \$35,611 |
| SDGE w/FFU \$000 | | \$0 | \$0 | \$0 | | | \$0 | \$0 |
| SEU Local Transmission w/FF | TU, w/o SI \$000 | \$71,956 | \$26,588 | \$7,960 | \$2 | \$66 | \$996 | \$35,611 |
| BB/LT Reconciliation | | \$0 | | | | | | |
| Reconciled SEU Local Trans | mission w/FFU, | \$71,956 | | | | | | |
| C) Allocate to SEU classes: | | | | | | | | |
| SCG CYPM Mth/Month | | | 392,906 | 117,629 | 26 | 973 | 14,720 | 526,253 |
| SCG CYPM exclude SDGE WS | S Mth/Month | | 392,906 | 117,629 | 26 | 973 | 14,720 | 526,253 |
| SDGE CYPM Mth/month | | | 50,188 | 23,331 | 0 | 0 | 1,960 | 75,479 |
| SEU CYPM Mth/month | | | 443,094 | 140,960 | 26 | 973 | 16,680 | 601,732 |
| CYPM Allocation % among SEU (| Classes | | 41.7% | 13.3% | 0.0% | 0.1% | 1.6% | 56.6% |
| Allocate to SEU Classes w/o FFU | \$000 | \$71,956 | \$30,013 | \$9,548 | \$2 | \$66 | \$1,130 | \$40,758 |
| D) Allocate to each utility: | | | | | | | | |
| SCG % | | | 88.7% | 83.4% | 100.0% | 100.0% | 88.2% | 87.5% |
| SDGE % | | | 11.3% | 16.6% | 0.0% | 0.0% | 11.8% | 12.5% |
| total % | | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| POST-SI Local Transmission Cos | sts w/ FFU: (to calculate w/o S | I, refer to SEU Pre-SI Local | -T w/ FFU) | | | | | |
| SCG w/ FFU \$000 | 89% | \$63,771 | \$26,613 | \$7,968 | \$2 | \$66 | \$997 | \$35,645 |
| SDGE w/ FFU \$000 | 11% | \$8,185 | \$3,399 | \$1,580 | \$0 | \$0 | \$133 | \$5,113 |
| total w/ FFU \$000 | | \$71,956 | \$30,013 | \$9,548 | \$2 | \$66 | \$1,130 | \$40,758 |
| SDGE w/ SDG&E FFU \$000 | | \$8,230 | \$3,418 | \$1,589 | \$0 | \$0 | \$133 | \$5,141 |
| Calculation of BackBone Trans | mission Costs under Syster | n Integration: | | | | | | |
| A) Pre-SI BTS Transmission Co | osts from Cost Allocation Me | odels w/FFU | | | | | | |
| SCG w/FFU \$000 | | \$176,587 | \$47,092 | \$18,853 | \$8 | \$406 | \$3,257 | \$69,617 |
| SDGE w/FFU \$000 | | \$40,564 | \$12,135 | \$7,182 | • | • | \$853 | \$20,169 |
| SDGE w/SoCalGas FFU \$000 | | \$40,343 | \$12,069 | \$7,142 | | | \$848 | \$20,059 |
| SEU BBT w/FFU w/o SI \$000 | | \$216,930 | \$59,161 | \$25,996 | \$8 | \$406 | \$4,105 | \$89,676 |
| Target SEU BBT w/ FFU | | \$216,930 | | | | | | |
| BB/LT Reconciliation | | \$0 | | | | | | |

System Integration ("SI") and BackBone Transmission BTS charge 2020 TCAP Application

To calculate w/o SI, use Pre-SI Local-T/BBT/CoUse/ w/oFFU instead of Post-SI amount:

| | Non Core | | | | Total Retail | | | Sout West | | Total Whole |
|--|------------|-----------|-----------|------------|--------------|------------|-----------------|-----------|-------------|-------------|
| | C&I | EG Tier 1 | EG Tier 2 | EOR | Non Core | Long Beach | SDG&E | Gas | Vernon | sale |
| Calculation of Local-Transmission Costs under System Integration: | | | | | | | | | | |
| A) Pre-SI Local Transmission Costs from Cost Allocation Models w/FFU | | | | | | | | | | |
| SCG w/FFU \$000 \$71,95 | 6 \$9,491 | \$528 | \$14,150 | \$1,201 | \$25,370 | \$715 | \$8,246 | \$784 | \$562 | \$10,307 |
| SDGE w/FFU \$000 | | \$0 | \$0 | ¥ · ,= · · | \$0 | ***** | 4 -,- ·- | **** | ***- | 0 |
| SEU Local Transmission w/FFU, w/o SI \$000 \$71,95 | | \$528 | \$14,150 | \$1,201 | \$25,370 | \$715 | \$8,246 | \$784 | \$562 | \$10,307 |
| BB/LT Reconciliation \$ | | * | , , | * , - | * -,- | • | , -, | • | • | * -, |
| Reconciled SEU Local Transmission w/FFU, \$71,95 | | | | | | | | | | |
| C) Allocate to SEU classes: | | | | | | | | | | |
| SCG CYPM Mth/Month | 140,247 | 7,806 | 209,111 | 17,746 | 374,910 | 10,565 | 121,858 | 11,583 | 8,300 | 152,307 |
| SCG CYPM exclude SDGE WS Mth/Month | 140,247 | 7,806 | 209,111 | 17,746 | 374,910 | 10,565 | 0 | 11,583 | 8,300 | 30,449 |
| SDGE CYPM Mth/month | 3,947 | 2,244 | 39,175 | | 45,366 | | | | | 0 |
| SEU CYPM Mth/month | 144,194 | 10,050 | 248,286 | 17,746 | 420,276 | 10,565 | 0 | 11,583 | 8,300 | 30,449 |
| CYPM Allocation % among SEU Classes | 13.6% | 0.9% | 23.4% | 1.7% | 39.6% | 1.0% | 0.0% | 1.1% | 0.8% | 2.9% |
| Allocate to SEU Classes w/o FFU \$000 \$71,95 | \$9,767 | \$681 | \$16,817 | \$1,202 | \$28,467 | \$716 | \$0 | \$785 | \$562 | \$2,062 |
| D) Allocate to each utility: | | | | | | | | | | |
| SCG % | 97.3% | 77.7% | 84.2% | 100.0% | 89.2% | 100.0% | | 100.0% | 100.0% | 100.0% |
| SDGE % | 2.7% | 22.3% | 15.8% | 0.0% | 10.8% | 0.0% | | 0.0% | 0.0% | 0.0% |
| total % | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | | 100.0% | 100.0% | 100.0% |
| POST-SI Local Transmission Costs w/ FFU: (to calculate w/o SI, refer to SEU Pre-SI | Lo | | | | | | | | | |
| SCG w/ FFU \$000 89% \$63,77 | 1 \$9,500 | \$529 | \$14,164 | \$1,202 | \$25,394 | \$716 | \$0 | \$785 | \$562 | \$2,062 |
| SDGE w/ FFU \$000 11% \$8,18 | 5 \$267 | \$152 | \$2,654 | \$0 | \$3,073 | \$0 | \$0 | \$0 | \$0 | \$0 |
| total w/ FFU \$000 \$71,95 | 6 \$9,767 | \$681 | \$16,817 | \$1,202 | \$28,467 | \$716 | \$0 | \$785 | \$562 | \$2,062 |
| SDGE w/ SDG&E FFU \$000 \$8,23 | 9 \$269 | \$153 | \$2,668 | \$0 | \$3,090 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Calculation of BackBone Transmission Costs under System Integration: | | | | | | | | | | |
| A) Pre-SI BTS Transmission Costs from Cost Allocation Models w/FFU | | | | | | | | | | |
| SCG w/FFU \$000 \$176,58 | 7 \$28,241 | \$1,779 | \$45,192 | \$3,807 | \$79,019 | \$1,574 | \$21,093 | \$1,308 | \$1,857 | \$25,831 |
| SDGE w/FFU \$000 \$40,56 | . , | \$1,051 | \$17,686 | ¥=,==: | \$20,395 | + - , | ·-·, | + -, | * : , = = : | 0 |
| SDGE w/SoCalGas FFU \$000 \$40,34 | | \$1,045 | \$17,589 | | \$20,284 | | | | | |
| SEU BBT w/FFU w/o SI \$000 \$216,93 | . , | \$2,824 | \$62,781 | \$3,807 | \$99,303 | \$1,574 | \$21,093 | \$1,308 | \$1,857 | \$25,831 |
| Target SEU BBT w/ FFU \$216,93 | | | | | . , - | • • | | . , | . , | • • |
| BB/LT Reconciliation \$ | | | | | | | | | | |

System Integration ("SI") and BackBone Transmission BTS charge 2020 TCAP Application

To calculate w/o SI, use Pre-SI Local-T/BBT/CoUse/ w/oFFU instead of Post-SI amount:

| | | | Foogos | TBS | Total Non Core | Total System \$000 | Source |
|---|--------------------------------|---------------------------|---------|-------------|-------------------|-----------------------|------------------------------|
| | | | Ecogas | 100 | Core | φυσο | Jource |
| Calculation of Local-Transmissi | on Costs under System Int | egration: | | | | | |
| A) Pre-SI Local Transmission C | osts from Cost Allocation | Models w/FFU | | | | | |
| SCG w/FFU \$000 | | \$71,956 | \$668 | \$0 | \$36,345 | \$71,956 | Cost Alloc |
| SDGE w/FFU \$000 | | \$0 | | | \$0 | \$0 | SDGE RD Model/ Cost Alloc |
| SEU Local Transmission w/FFL | J, w/o SI \$000 | \$71,956 | \$668 | \$0 | \$36,345 | \$71,956 | - |
| BB/LT Reconciliation | | \$0 | | | | | |
| Reconciled SEU Local Transn | nission w/FFU, | \$71,956 | | | | | |
| C) Allocate to SEU classes: | | | | | | | |
| SCG CYPM Mth/Month | | | 9,871 | 0 | 537,087 | 1,063,341 | Alloc Factors |
| SCG CYPM exclude SDGE WS | Mth/Month | | 9,871 | 0 | 415,229 | 941,483 | Alloc Factors |
| SDGE CYPM Mth/month | | _ | | | 45,366 | 120,845 | SDGE RD Model/ Alloc Factors |
| SEU CYPM Mth/month | | _ | 9,871 | 0 | 460,595 | 1,062,328 | _ |
| CYPM Allocation % among SEU C | Classes | | 0.9% | 0.0% | 43.4% | 100.0% | |
| Allocate to SEU Classes w/o FFU | \$000 | \$71,956 - | \$669 | \$0 | \$31,198 | \$71,956 | - |
| D) Allocate to each utility: | | | | | | | |
| SCG % | | | 100.0% | | 90.2% | 88.6% | |
| SDGE % | | _ | 0.0% | | 9.8% | 11.4% | |
| total % | | _ | 100.0% | | 100.0% | 100.0% | _ |
| POST-SI Local Transmission Cost | ts w/ FFU: (to calculate w/o S | I, refer to SEU Pre-SI Lo | | | | | |
| SCG w/ FFU \$000 | 89% | \$63,771 | \$669 | \$0 | \$28,125 | \$63,771 | |
| SDGE w/ FFU \$000 | 11% | \$8,185 | \$0 | \$0 | \$3,073 | \$8,185 | |
| total w/ FFU \$000 | | \$71,956 | \$669 | \$0 | \$31,198 | \$71,956 | _ |
| SDGE w/ SDG&E FFU \$000 | | \$8,230 | \$0 | \$0 | \$3,090 | \$8,230 | • |
| Calculation of BackBone Transn | mission Costs under Syste | m Integration: | | | | | |
| A) D. OI DTO T | | - dala/EEU | | | | | |
| A) Pre-SI BTS Transmission Co SCG w/FFU \$000 | ISTS From Cost Allocation M | odels w/FFU \$176,587 | \$2,119 | \$0 | \$106,970 | \$176,587 | Cost Alloc |
| · | | \$40,564 | ΨΕ, 113 | ψυ | \$20,395 | \$40,564 | SDGE RD Model/ Cost Alloc |
| SDGE W/FELL \$000 | | · · · | | | \$20,393 | \$40,343 | - CDGE RD WIOGE/ COSt Alloc |
| SDGE w/FFU \$000 | | ይላህ 3ላ3 | | | | | |
| SDGE w/SoCalGas FFU \$000 | | \$40,343 \$216,930 | ¢2 110 | \$ 0 | | . , | - |
| SDGE w/SoCalGas FFU \$000 SEU BBT w/FFU w/o SI \$000 | | \$216,930 | \$2,119 | \$0 | \$127,254 | \$216,930 | - |
| SDGE w/SoCalGas FFU \$000 | | | \$2,119 | \$0 | | . , | - |

| | | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core |
|--|----------------------------|-------------|-------------|--------|----------|------------|------------|
| C) Allocate to SEU classes: | | | | | | | |
| SCG CYTP mth/yr | | 2,584,453 | 1,034,674 | 416 | 22,302 | 178,769 | 3,820,615 |
| SCG CYTP exclude SDGE WS Mth/year | | 2,584,453 | 1,034,674 | 416 | 22,302 | 178,769 | 3,820,615 |
| SDGE CYTP mth/yr | | 343,408 | 203,236 | 0 | 0 | 24,129 | 570,773 |
| SEU CYTP Mth/year | | 2,927,862 | 1,237,910 | 416 | 22,302 | 202,898 | 4,391,387 |
| CYTP Allocation % among SEU Classes | | 30.2% | 12.8% | 0.0% | 0.2% | 2.1% | 45.4% |
| Allocate to SEU Classes w/FFU \$000 | \$216,930 | \$65,603.32 | \$27,737.31 | \$9.33 | \$499.70 | \$4,546.24 | \$98,396 |
| D) Allocate to each utility: | | | | | | | |
| Each SCG class as a % of SEU class total | | 88.3% | 83.6% | 100.0% | 100.0% | 88.1% | 87.0% |
| Each SDGE class as a % of SEU class total | | 11.7% | 16.4% | 0.0% | 0.0% | 11.9% | 13.0% |
| total % | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| POST SI BTS Transmission Costs w/ FFU: (to calculate w/o S | I, refer to SEU Pre-SI BBT | w/oFFU,FAR) | | | | | |
| SCG w/FFU \$000 | \$191,208 | \$57,909 | \$23,183 | \$9 | \$500 | \$4,006 | \$85,607 |
| SDGE w/FFU \$000 | \$25,722 | \$7,695 | \$4,554 | \$0 | \$0 | \$541 | \$12,789 |
| total w/FFU \$000 | \$216,930 | \$65,603 | \$27,737 | \$9 | \$500 | \$4,546 | \$98,396 |

| | | Non Core | | | | Total Retail | | | Sout West | | Total Whole |
|--|-------------|-------------|------------|-------------|------------|--------------|------------|-----------|------------|------------|-------------|
| | | C&I | EG Tier 1 | EG Tier 2 | EOR | Non Core | Long Beach | SDG&E | Gas | Vernon | sale |
| C) Allocate to SEU classes: | | | | | | | | | | | |
| SCG CYTP mth/yr | | 1,549,897 | 97,615 | 2,480,164 | 208,941 | 4,336,617 | 86,356 | 1,157,571 | 71,786 | 101,919 | 1,417,632 |
| SCG CYTP exclude SDGE WS Mth/year | | 1,549,897 | 97,615 | 2,480,164 | 208,941 | 4,336,617 | 86,356 | 0 | 71,786 | 101,919 | 260,061 |
| SDGE CYTP mth/yr | | 46,945 | 29,736 | 500,494 | 0 | 577,175 | 0 | 0 | 0 | 0 | 0 |
| SEU CYTP Mth/year | | 1,596,842 | 127,350 | 2,980,658 | 208,941 | 4,913,792 | 86,356 | 0 | 71,786 | 101,919 | 260,061 |
| CYTP Allocation % among SEU Classes | | 16.5% | 1.3% | 30.8% | 2.2% | 50.8% | 0.9% | 0.0% | 0.7% | 1.1% | 2.7% |
| Allocate to SEU Classes w/FFU \$000 | \$216,930 | \$35,779.74 | \$2,853.49 | \$66,786.30 | \$4,681.66 | \$110,101 | \$1,934.93 | \$0.00 | \$1,608.48 | \$2,283.67 | \$5,827 |
| D) Allocate to each utility: | | | | | | | | | | | |
| Each SCG class as a % of SEU class total | | 97.1% | 76.7% | 83.2% | 100.0% | 88.3% | 100.0% | | 100.0% | 100.0% | 100.0% |
| Each SDGE class as a % of SEU class total | | 2.9% | 23.3% | 16.8% | 0.0% | 11.7% | 0.0% | | 0.0% | 0.0% | 0.0% |
| total % | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | | 100.0% | 100.0% | 100.0% |
| POST SI BTS Transmission Costs w/ FFU: (to calculate w/o SI, refer to SE | U Pre-SI BB | | | | | | | | | | |
| SCG w/FFU \$000 | \$191,208 | \$34,728 | \$2,187 | \$55,572 | \$4,682 | \$97,169 | \$1,935 | \$0 | \$1,608 | \$2,284 | \$5,827 |
| SDGE w/FFU \$000 | \$25,722 | \$1,052 | \$666 | \$11,214 | \$0 | \$12,933 | \$0 | \$0 | \$0 | \$0 | \$0 |
| total w/FFU \$000 | \$216,930 | \$35,780 | \$2,853 | \$66,786 | \$4,682 | \$110,101 | \$1,935 | \$0 | \$1,608 | \$2,284 | \$5,827 |

| | | | | Total Non | Total System | l |
|---|---------------|------------|--------|-----------|--------------|---------------|
| | | Ecogas | TBS | Core | \$000 | Source |
| C) Allocate to SEU classes: | | | | | | |
| SCG CYTP mth/yr | | 116,299 | 0 | 5,870,548 | 9,691,163 | Alloc Factors |
| SCG CYTP exclude SDGE WS Mth/year | | 116,299 | 0 | 4,712,978 | 8,533,592 | Alloc Factors |
| SDGE CYTP mth/yr | | 0 | 0 | 577,175 | 1,147,948 | SDGE RD Model |
| SEU CYTP Mth/year | - | 116,299 | 0 | 5,290,153 | 9,681,540 | _ |
| CYTP Allocation % among SEU Classes | | 1.2% | 0.0% | 54.6% | 100.0% | |
| Allocate to SEU Classes w/FFU \$000 | \$216,930 | \$2,605.87 | \$0.00 | \$118,534 | \$216,930 | _ |
| D) Allocate to each utility: | | | | | | |
| Each SCG class as a % of SEU class total | | 100.0% | | 89.1% | 88.1% | |
| Each SDGE class as a % of SEU class total | | 0.0% | | 10.9% | 11.9% | |
| total % | • | 100.0% | | 100.0% | 100.0% | _ |
| POST SI BTS Transmission Costs w/ FFU: (to calculate w/o SI, refer to S | SEU Pre-SI BB | | | | | |
| SCG w/FFU \$000 | \$191,208 | \$2,606 | \$0 | \$105,602 | \$191,208 | |
| SDGE w/FFU \$000 | \$25,722 | \$0 | \$0 | \$12,933 | \$25,722 | _ |
| total w/FFU \$000 | \$216,930 | \$2,606 | \$0 | \$118,534 | \$216,930 | _ |

| | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core |
|--|--|--|---|--|--------------------------------------|------------|
| Calculation of BTS Revenue Requirement and Rate: | BTS Demand | Source | | Calculation of | MFV Rate: | |
| | | | | BTS Rev Req 6 MFV Rate % p Reservation Re Capacity Mdth/ Reservation rat | aid in Reserva v Req \$000 day | |
| BBT Demand Dth/d | 2,689,863 | Reg Account | Filing | Usage Rate: Usage Rate R Volumes Mdth/ Volumes Mth/ | /d | |
| BTS Tariff Rate \$/dth/day w/FFU: | | | | Usage rate B | TBA \$/dth | |
| SEU Post-SI BTS w/FF&U \$000 PSRMA-BBT SCG PSRMA-BBT SDG&E SECCBA-BBT SCG SECCBA-BBT SDG&E SEEBA-BBT SCG SEEBA-BBT SDG&E TIMPBA-BBT SCG w/o FFU \$000 TIMPBA-BBT SDGE w/o FFU \$000 BTBA w/o FFU \$000 FFU Rate Net-to-Gross BTS Revenue Requirement w/FFU \$000 BTS Rate incl Reg. Accounts \$/dth/day BTS Rate excluding Reg. Accounts \$/dth/day | \$216,930 \$2,976 \$0 \$12,290 \$234 \$15,527 \$0 \$15,002 \$3,162 (\$9,143) 101.7370% \$40,743 \$257,673 \$0.26245 | Reg Account Reg Account Reg Account Reg Account Reg Account Reg Account Rates 01/201 Rates 01/201 Oct-17 Reg F Misc Inputs | Filing Filing Filing Filing Filing 8 | Calculation of IT Rev req ex Volumes Mdth Volumes Mth/ IT Rate \$/dth | ol BTBA \$000 n/d | Rate_ |
| Effective Unbundled Rate \$/therm excluding FFU: | <u>\$/therm</u> | \$/dth/day | | | | |
| SEU Post-SI BTS w/FFU \$000 | \$216,930 | \$216,930 | | | | |
| FFU Rate Gross-to-Net Ratio | 98.2926% | 98.2926% | _ | | | |
| SEU Post-SI BTS w/oFFU \$000 | \$213,226 | \$213,226 | All - | | | |
| AYTP Mthy/yr | 9,350,960 \$0.02280 | 2,689,863 \$0.21718 | Alloc Factors | | | |
| Allocation of BTS Revenue Requirement by Class: | | | | | | |
| Allocate to SEU classes: | | | | | | |
| SCG CYTP mth/yr | 2,584,453 | 1,034,674 | 416 | 22,302 | 178,769 | 3,820,615 |
| SCG CYTP exclude SDGE WS Mth/year | 2,584,453 | 1,034,674 | 416 | 22,302 | 178,769 | 3,820,615 |

| | Non Core | | | | Total Retail | | | Sout West | | Total Whole |
|--|----------------------------|---|----------------|---------|--------------|------------|-----------|-----------|---------|-------------|
| | C&I | EG Tier 1 | EG Tier 2 | EOR | Non Core | Long Beach | SDG&E | Gas | Vernon | sale |
| Coloulation of PTC Payanua Paguirament and Pate. | Eval DTDA | Inal DTD A | | | | | | | | |
| Calculation of BTS Revenue Requirement and Rate: | Excl BTBA \$216,930 | \$257,673 | _ | | | | | | | |
| | \$210,930 80% | 80% | Per 2013 TCA | DSΔ | | | | | | |
| | \$173,544 | \$206,139 | 1 01 2010 1071 | . 0/1 | | | | | | |
| | 2,690 | 2,690 | | | | | | | | |
| | \$0.17676 | \$0.20996 | _ | | | | | | | |
| | | *************************************** | = | | | | | | | |
| | \$43,386 | \$51,535 | | | | | | | | |
| BBT Demand Dth/d | 2,690 | 2,690 | Per 2013 TCA | P SA | | | | | | |
| | 9,817,999 | 9,817,999 | _ | | | | | | | |
| BTS Tariff Rate \$/dth/day w/FFU: | \$0.04419 | \$0.05249 | _ | | | | | | | |
| SEU Post-SI BTS w/FF&U \$000 | | | _ | | | | | | | |
| PSRMA-BBT SCG | | | | | | | | | | |
| PSRMA-BBT SDG&E | | | | | | | | | | |
| SECCBA-BBT SCG | | | | | | | | | | |
| SECCBA-BBT SDG&E | | | | | | | | | | |
| SEEBA-BBT SCG | | | | | | | | | | |
| SEEBA-BBT SDG&E | | | | | | | | | | |
| TIMPBA-BBT SCG w/o FFU \$000 | | | | | | | | | | |
| TIMPBA-BBT SDGE w/o FFU \$000 | | | | | | | | | | |
| BTBA w/o FFU \$000 | | | | | | | | | | |
| FFU Rate Net-to-Gross | \$216,930 | \$257,673 | | | | | | | | |
| | 2,690 | 2,690 | 2013TCAP Ms | Fung | | | | | | |
| | 9,817,999 | 9,817,999 | _ | | | | | | | |
| BTS Revenue Requirement w/FFU \$000 | \$0.22095 | \$0.26245 | = | | | | | | | |
| BTS Rate incl Reg. Accounts \$/dth/day | | | | | | | | | | |
| BTS Rate excluding Reg. Accounts \$/dth/day | | | | | | | | | | |
| Effective Unbundled Rate \$/therm excluding FFU: | | | | | | | | | | |
| SEU Post-SI BTS w/FFU \$000 | | | | | | | | | | |
| FFU Rate Gross-to-Net Ratio | | | | | | | | | | |
| SEU Post-SI BTS w/oFFU \$000 | | | | | | | | | | |
| AYTP Mthy/yr | | | | | | | | | | |
| | | | = | | | | | | | |
| Allocation of BTS Revenue Requirement by Class: | | | | | | | | | | |
| Allocate to SEU classes: | | | | | | | | | | |
| SCG CYTP mth/yr | 1,549,897 | 97,615 | 2,480,164 | 208,941 | 4,336,617 | 86,356 | 1,157,571 | 71,786 | 101,919 | 1,417,632 |
| SCG CYTP exclude SDGE WS Mth/year | 1,549,897 | 97,615 | 2,480,164 | 208,941 | 4,336,617 | 86,356 | 0 | 71,786 | 101,919 | 260,061 |
| | | | | | | | | | | |

To calculate w/o SI, use Pre-SI Local-T/BBT/CoUse/ w/oFFU instead of Post-SI amount:

| | | Total Non | Total System | | |
|--------|-----|-----------|--------------|--------|--|
| Ecogas | TBS | Core | \$000 | Source | |

Calculation of BTS Revenue Requirement and Rate:

BBT Demand Dth/d

BTS Tariff Rate \$/dth/day w/FFU:

SEU Post-SI BTS w/FF&U \$000
PSRMA-BBT SCG
PSRMA-BBT SDG&E
SECCBA-BBT SCG
SECCBA-BBT SCG
SEEBA-BBT SCG
SEEBA-BBT SCG
TIMPBA-BBT SCG w/o FFU \$000
TIMPBA-BBT SDGE w/o FFU \$000
BTBA w/o FFU \$000
FFU Rate Net-to-Gross

BTS Revenue Requirement w/FFU \$000

BTS Rate incl Reg. Accounts \$/dth/day

BTS Rate excluding Reg. Accounts \$/dth/day

Effective Unbundled Rate \$/therm excluding FFU:

SEU Post-SI BTS w/FFU \$000 FFU Rate Gross-to-Net Ratio SEU Post-SI BTS w/oFFU \$000 AYTP Mthy/yr

Allocation of BTS Revenue Requirement by Class:

Allocate to SEU classes:

SCG CYTP mth/yr 116,299 0 5,870,548 9,691,163 Alloc Factors SCG CYTP exclude SDGE WS Mth/year 116,299 0 4,712,978 8,533,592

| | | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core |
|-------------------------------------|-----------|-----------|-----------|--------|---------|---------|------------|
| SDGE CYTP mth/yr | | 343,408 | 203,236 | 0 | 0 | 24,129 | 570,773 |
| SEU CYTP Mth/year | | 2,927,862 | 1,237,910 | 416 | 22,302 | 202,898 | 4,391,387 |
| CYTP Allocation % among SEU Classes | | 30.2% | 12.8% | 0.0% | 0.2% | 2.1% | 45.4% |
| Allocate to SEU Classes w/FFU \$000 | \$257,673 | \$77,925 | \$32,947 | \$11 | \$594 | \$5,400 | \$116,876 |

| | | Non Core | | | | Total Retail | | | Sout West | | Total Whole |
|-------------------------------------|-----------|-----------|-----------|-----------|---------|--------------|------------|-------|-----------|---------|-------------|
| | | C&I | EG Tier 1 | EG Tier 2 | EOR | Non Core | Long Beach | SDG&E | Gas | Vernon | sale |
| SDGE CYTP mth/yr | | 46,945 | 29,736 | 500,494 | 0 | 577,175 | 0 | 0 | 0 | 0 | 0 |
| SEU CYTP Mth/year | • | 1,596,842 | 127,350 | 2,980,658 | 208,941 | 4,913,792 | 86,356 | 0 | 71,786 | 101,919 | 260,061 |
| CYTP Allocation % among SEU Classes | | 16.5% | 1.3% | 30.8% | 2.2% | 50.8% | 0.9% | 0.0% | 0.7% | 1.1% | 2.7% |
| Allocate to SEU Classes w/FFU \$000 | \$257,673 | \$42,500 | \$3,389 | \$79,330 | \$5,561 | \$130,780 | \$2,298 | \$0 | \$1,911 | \$2,713 | \$6,922 |

| | | | | Total Non | Total Systen | 1 |
|-------------------------------------|-----------|---------|------|------------------|--------------|---------------|
| | | Ecogas | TBS | Core | \$000 | Source |
| SDGE CYTP mth/yr | | 0 | 0 | 577,175 | 1,147,948 | SDGE RD Model |
| SEU CYTP Mth/year | • | 116,299 | 0 | 5,290,153 | 9,681,540 | |
| CYTP Allocation % among SEU Classes | | 1.2% | 0.0% | 54.6% | 100.0% | |
| Allocate to SEU Classes w/FFU \$000 | \$257,673 | \$3,095 | \$0 | \$140,797 | \$257,673 | _ |

| | | Res | Core C&I | NR A/C | Gas Eng | NGV | Total Core |
|---|-----------------|----------|----------|--------|---------|---------|------------|
| Allocate to each utility: | | | | | | | |
| Each SCG class as a % of SEU class total | | 88.3% | 83.6% | 100.0% | 100.0% | 88.1% | 87.0% |
| Each SDGE class as a % of SEU class total | | 11.7% | 16.4% | 0.0% | 0.0% | 11.9% | 13.0% |
| total % | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| Allocate BBT Revenue Requirement w/ FFU: | | | | | | | |
| SCG \$000 | \$227,121 | \$68,785 | \$27,538 | \$11 | \$594 | \$4,758 | \$101,685 |
| SDGE \$000 | <u>\$30,553</u> | \$9,140 | \$5,409 | \$0 | \$0 | \$642 | \$15,191 |
| SEU BTS Revenue Requirement w/FFU \$000 | \$257,673 | \$77,925 | \$32,947 | \$11 | \$594 | \$5,400 | \$116,876 |

| | | Non Core | | | | Total Retail | | | Sout West | | Total Whole |
|---|-----------------|----------|-----------|-----------|---------|--------------|------------|-------|-----------|---------|-------------|
| | | C&I | EG Tier 1 | EG Tier 2 | EOR | Non Core | Long Beach | SDG&E | Gas | Vernon | sale |
| Allocate to each utility: | | | | | | | | | | | |
| Each SCG class as a % of SEU class total | | 97.1% | 76.7% | 83.2% | 100.0% | 88.3% | 100.0% | | 100.0% | 100.0% | 100.0% |
| Each SDGE class as a % of SEU class total | | 2.9% | 23.3% | 16.8% | 0.0% | 11.7% | 0.0% | | 0.0% | 0.0% | 0.0% |
| total % | • | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | | 100.0% | 100.0% | 100.0% |
| Allocate BBT Revenue Requirement w/ FFU: | | | | | | | | | | | |
| SCG \$000 | \$227,121 | \$41,250 | \$2,598 | \$66,009 | \$5,561 | \$115,419 | \$2,298 | \$0 | \$1,911 | \$2,713 | \$6,922 |
| SDGE \$000 | \$30,553 | \$1,249 | \$791 | \$13,321 | \$0 | \$15,361 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SEU BTS Revenue Requirement w/FFU \$000 | \$257,673 | \$42,500 | \$3,389 | \$79,330 | \$5,561 | \$130,780 | \$2,298 | \$0 | \$1,911 | \$2,713 | \$6,922 |

| | | | | Total Non | Total System | |
|---|-----------------|---------|-----|------------------|---------------------|-------|
| | | Ecogas | TBS | Core | \$000 | Sourc |
| Allocate to each utility: | | | | | | |
| Each SCG class as a % of SEU class total | | 100.0% | | 89.1% | 88.1% | |
| Each SDGE class as a % of SEU class total | | 0.0% | | 10.9% | 11.9% | |
| total % | • | 100.0% | | 100.0% | 100.0% | |
| Allocate BBT Revenue Requirement w/ FFU: | | | | | | |
| SCG \$000 | \$227,121 | \$3,095 | \$0 | \$125,435 | \$227,121 | |
| SDGE \$000 | <u>\$30,553</u> | \$0 | \$0 | \$15,361 | \$30,553 | |
| SEU BTS Revenue Requirement w/FFU \$000 | \$257,673 | \$3,095 | \$0 | \$140,797 | \$257,673 | |

SoCalGas Residential Rate Design 2020 TCAP Application

Procedure:

- #1 Calculate LMM revenue
 - #1a Calculate Submeter Credit Revenues
 - # 1b Calculation of Residential Customer Charge
 - #1c Calculation of CAT Adder & Allocation between Res & LMM
 - #1d Calculation of CSITMA Adder & Allocation between Res & LMM, Decision 10-01-022 January 21, 2010
- #2 Calculation of Customer Charge Revenue
- #3 Calculate SF, MF & SMM Volumetric Revenue
- #4 Calculation of BL Rate & NBL Rates & Revenue for SF, MF & SMM
- #5 LMM Volumetric Rate

| RESULTS of Res Rate: | Rates | | | # | # Customers & Volumes | | | Revenues | | | | | |
|--------------------------------|---------------|-----------|-----------|-------------|-----------------------|-----------|------------|--------------|-----------|------------|-----------|------------------|---------------|
| | | | | Average | | | | | Customer | | NBL | | |
| | Customer | | | Volumetric | | BL Volume | NBL Volume | Total Volume | Charge | BL revenue | Revenue | Total Volumetric | Total Revenue |
| | Charge \$/mo | BL \$/th | NBL \$/th | Rate \$/th | # Customers | mth/y | mth/yr | mth/yr | \$000/yr | \$000/yr | \$000/yr | Revenue \$000/yr | \$000/yr |
| SF (Schd GR) | \$10.00 | \$0.30496 | \$0.84936 | | 3,808,652 | | | | \$457,038 | | | | |
| MF (Schd GS) | \$10.00 | \$0.30496 | \$0.84936 | | 1,784,011 | | | | \$214,081 | | | | |
| SMM (Schd GM) | \$10.00 | \$0.30496 | \$0.84936 | | 121,819 | | | | \$14,618 | | | | |
| Total SF, MF & SMM | \$10.00 | \$0.30496 | \$0.84936 | \$0.45170 | 5,714,482 | 1,707,243 | 630,017 | 2,337,260 | \$685,738 | \$520,636 | \$535,112 | \$1,055,748 | \$1,741,486 |
| | | | | | | | | | | | | | |
| LMM (Schd GMB) | \$411 | \$0.12454 | \$0.34686 | \$0.15646 | 49 | 7,787 | 1,306 | 9,093 | \$244 | \$970 | \$453 | \$1,423 | \$1,666 |
| Total SF, MF, SMM & LMM | \$10.00 | \$0.30414 | \$0.84832 | \$0.45056 | 5,714,531 | 1,715,031 | 631,322 | 2,346,353 | \$685,982 | \$521,605 | \$535,565 | \$1,057,170 | \$1,743,152 |
| Submeter Credit \$/unit/day (S | I Schd GS) | | | (\$0.13742) | 141,547 | | | | | | | (\$7,100) | (\$7,100) |
| Total Residential | | | | | | | | | | | | | \$1,736,052 |
| CAT Adder | | | | \$0.00166 | | | | 27,389 | | | | \$46 | \$46 |
| CSITMA Adder | | | | \$0.00311 | | | | 1,745,667 | | | | \$5,421 | \$5,421 |
| CARB Fee Adder | | | | \$0.00101 | | | | 2,346,353 | | | | \$2,378 | \$2,378 |
| GHG Adder | | | | \$0.00000 | | | | 2,346,353 | | | | \$0 | \$0 |
| Total Residential | | | | | 5,714,531 | | | 2,346,353 | \$685,982 | | | \$1,057,915 | \$1,743,897 |

Residential Demand Data:

| | | | Mth/year | Mth/year Non | Mth/year | |
|-----------------------------|--------|-------------|-----------|--------------|-----------|---------------|
| Class | Tariff | # Customers | Base Line | Base Line | Total | Source |
| Single Family | GR | 3,808,652 | n/a | n/a | n/a | Res data |
| Multi Family | GS | 1,784,011 | n/a | n/a | n/a | Res data |
| Small Master Meter | GM | 121,819 | n/a | n/a | n/a | Res data |
| | | 5,714,482 | 1,707,243 | 630,017 | 2,337,260 | _ |
| Large Master Meter | GMB | 49 | 7,787 | 1,306 | 9,093 | Res data |
| total | | 5,714,531 | 1,715,031 | 631,322 | 2,346,353 | Res data |
| # Master Meters w/ Submeter | GS | 1,744 | n/a | n/a | n/a | Res data |
| Total # Submetered units | GS | 141,547 | n/a | n/a | n/a | Res data |
| CAT | | n/a | n/a | n/a | 27,389 | Alloc Factors |

| #1 Calculate LMM revenue | | Source |
|--|-------------|------------|
| Total Res Customer Costs = | \$1,051,452 | Cost Alloc |
| Total Res Customer Charge Revenue = | (\$685,982) | |
| Submeter Credit = | \$7,100 | |
| | \$372,570 | = |
| total Res Mdth/y = | 234,635 | |
| Average Res Rate = | \$0.16 | _ |
| LMM Mth/y = | 9,093 | |
| LMM Volumetric Revenue incl CAT Costs= | \$1,444 | _ |
| Less CAT Costs allocated to LMM \$000 | (\$0.176) | |
| Less CSITMA Costs allocated to LMM \$000 | (\$21.008) | |
| LMM Volumetric Revenue NonCAT, nonCSITMA = | \$1,423 | _ |
| LMM Customer Charge Revenue = | \$244 | |
| LMM revenue NonCAT, nonCSITMA \$000's/yr = | \$1,666 | - |

| #1a Calculate Submeter Credit Revenues | Source |
|--|--------------------------------|
| Based on Current Rate: | |
| Submeter Credit, \$/day/unit | (\$0.13742) 2016TCAP SubMtr Cr |
| Number of Submetered Units = | 141,547 |
| Number of days for subMeter CR = | 365 |
| Submeter Credit Revenues @ current rate \$000/yr = | (\$7,100) |
| Submeter Credit Care Rate, \$/day/unit | (\$0.20318) 2016TCAP SubMtr Cr |

1b Calculation of Residential Customer Charge

Calculation of Residential Customer Charge based on Customer Costs allocated to Res Class.

Customer costs that are allocated to Res class are then allocated to each Res Subclass (i.e. LMM & Other Res)

based on % of costs based on new meter units for each subclass.

| | Other Res | LMM | Total Res | Source |
|---|-------------|-------------|-------------|---------------|
| Est New Meter Unit Cost \$/meter= | \$78 | \$9,581 | | Res SRM Data |
| # Res Customers = | 5,714,482 | 49 | 5,714,531 | |
| Total cost based on new meter unit cost \$000 | \$445,151 | \$473 | \$445,624 | _ |
| % of total = | 99.9% | 0.1% | 100.0% | |
| Total Customer Costs Allocated to Res Class \$000 | \$1,051,452 | \$1,051,452 | \$1,051,452 | Alloc factors |
| Customer Charge Rev based on Allocated Cost Adjusted for Meter Cost \$000 | \$1,050,335 | \$1,117 | \$1,051,452 | _ |
| # Res Customers = | 5,714,482 | 49 | 5,714,531 | |
| Customer Charge based on Allocated Cust Cost & Meter cost \$/mo = | \$15 | \$1,884 | \$15 | |

| Calculation of LMM Customer Charge based on Cap on increase | LMM | Source |
|--|----------|-----------------------------|
| urrent LMM Customer Charge \$/meter/day urrent LMM Customer Charge \$/mo= MM Cust Charge Increase Cap = MM Cust Charge at Capped Increase \$/mo = | \$12.289 | Tariff Schd GM January 2017 |
| | 365 | |
| | 12 | |
| Current LMM Customer Charge \$/mo= | \$374 | _ |
| LMM Cust Charge Increase Cap = | 10% | 2005BCAP |
| LMM Cust Charge at Capped Increase \$/mo = | \$411 | |
| compare to Cust Charge based on Customer Costs & meter uinit cost | \$1,884 | |
| Customer Charge = smaller of Meter Based & Capped Increase = | \$411 | |
| # Customers = | 49 | |
| LMM Customer Charge Rev \$000's/yr = | \$244 | |

| #1c Calculation of CAT Adder & Allocation between Res & LMM | | Source |
|---|-----------|------------|
| CAT Related Costs allocated to Res \$000 | \$45.6 | Cost Alloc |
| CAT Volumes Mth/yr | 27,389 | |
| CAT Rate Adder \$/th | \$0.00166 | |

Allocate CAT costs between Res and LMM and Calculation of CAT Adder:

| | Forecast | | CAT related | |
|-----------------|-----------|--------|-------------|------------|
| | Mth/yr | % | costs \$000 | Source |
| Res Vols Mth/yr | 2,346,353 | 99.6% | \$45.41 | |
| LMM Vols Mth/yr | 9,093 | 0.4% | \$0.18 | |
| | 2,355,446 | 100.0% | \$45.59 | Cost Alloc |

| #1d Calculation of CSITMA Adder & Allocation between Res | s & LMM, Decision 10-01-022 January 21, 2010 | Source |
|--|--|------------|
| CSITMA Related Costs allocated to Res \$000 | \$5,421.0 | Cost Alloc |
| Non Care Res Volumes Mth/yr | 1,745,667 | |
| CSMITA Rate Adder \$/th | \$0.00311 | |

Allocate CSITMA costs between Res and LMM and Calculation of CSITMA Adder:

| | Forecast | | CSITMA related costs | S |
|-----------------|-----------|--------|----------------------|------------|
| | Mth/yr | % | \$000 | Source |
| Res Vols Mth/yr | 2,337,260 | 99.6% | \$5,399.95 | |
| LMM Vols Mth/yr | 9,093 | 0.4% | \$21.01 | |
| | 2,346,353 | 100.0% | \$5,420.96 | Cost Alloc |
| | | | | |

| #1c Calculation of CARB Adder | | Source |
|---|-----------|------------|
| CARB Related Costs allocated to Res \$000 | \$2,378.2 | Cost Alloc |
| CARB Volumes Mth/yr | 2,346,353 | |
| CARB Rate Adder \$/th | \$0.00101 | |

| #1d Calculation of GHG Adder | Source | |
|---|-------------|-----|
| CARB Related Costs allocated to Res \$000 | \$0 Cost Al | loc |
| CARB Volumes Mth/yr | 2,346,353 | |
| CARB Rate Adder \$/th | \$0.00000 | |

#2 Calculation of Customer Charge Revenue

| | # Customers | Proposed Rate \$/mo | Proposed Revenue \$000/yr | Source |
|-----|-------------|------------------------|---------------------------------|--------|
| SF | 3,808,652 | \$10.00 | \$457,038 | |
| MF | 1,784,011 | \$10.00 | \$214,081 | |
| SMM | 121,819 | \$10.00 | \$14,618 | |
| LMM | 49 | \$411 | \$244 | |
| | · | | \$685,982 | |

| #3 Calculate SF, MF & SMM Volumetric Revenue | | Source |
|---|-------------|------------|
| Total Res Allocated Rev Req = | \$1,743,897 | Cost Alloc |
| Less CAT Cost allocated to Res | (\$45.6) | |
| Less CSITMA Cost allocated to Res | (\$5,421.0) | |
| Less CARB Adder Cost allocated to Res | (\$2,378.2) | |
| Less GHG Adder Cost allocated to Res | \$0.0 | |
| Total Res Allocated Rev Req NonCAT, nonCSITMA | \$1,736,052 | _ |
| Less LMM revenue NonCAT, nonCSITMA = | (\$1,666) | |
| SF, MF & SMM Revenue \$000/yr = | \$1,734,386 | |
| Less Cust Chg Rev \$000/yr | | |
| SF | \$457,038 | |
| MF | \$214,081 | |
| SMM | \$14,618 | |
| | \$685,738 | _ |
| SubMeter Credit | (\$7,100) | |
| Vol revenue SF, MF & SMM: | \$1,041,548 | = |

#4 Calculation of BL Rate & NBL Rates & Revenue for SF, MF & SMM

Calculate BL & NBL Rates between NBL & BL rates (excluding gas costs)

Formulae:

NBL rate = (RATIO * Composite Rate) - Gas Rate

Composite Rate = ((Baseline Revenue + Customer Charge Revenue + SubMeter Credit)/Baseline Volumes)+Gas Rate

TR=(BLR*BLV) + (NBLR * NBLV) + CCR + SMCr

 $NBLR = (((((BLR*BLV) + CCR + SMCr)*(1/BLV)) + Gas\ Rate)*RATIO) - GasRate$

BLR = (TR-(NBLR*NBLV) - CCR - SMCr) * (1/BLV)

| | RATES | Sources |
|--|-------------|-------------|
| Base Line Rate \$/th = blr | \$0.30496 | |
| Base Line Vols mth/yr = blv = | 1,707,243 | _ |
| Baseline Revenue \$000 = | \$520,636 | _ |
| | | |
| NBL rate based on NBL/Composite Ratio: | | |
| Composite Rate \$/th | \$0.97933 | |
| Targeted RATIO | 1.15 | |
| Gas Rate \$/th = | \$0.27687 | Misc Inputs |
| NonBaseline Rate \$/th | \$0.84936 | |
| | | |
| NonBaseline Vols mth/yr= nblv = | 630,017 | _ |
| NonBaseline Revenue \$000 | \$535,112 | |
| | * | |
| Customer Charge revenue = ccr = | \$685,738 | |
| SubMeter Credit = sc = | (\$7,100) | _ |
| Total Revenue | \$1,734,386 | = |
| target revenue | \$1,734,386 | |
| | \$0 | |
| Difference between NBL and BL rate: | | |
| NBL Rate \$/th | \$0.84936 | |
| BL rate \$/th | \$0.30496 | _ |
| difference \$/th | \$0.54441 | = |
| | | _ |
| Effective NBL/Composite Ratio: | | |
| NBL Rate \$/th | \$0.84936 | |
| Gas Rate \$/th = | \$0.27687 | Misc Inputs |
| | \$1.12623 | |
| Composite Rate \$/th | \$0.97933 | _ |
| Effective Ratio | 1.15 | = |
| | | _ |

Composite Rate:

| Baseline Revenue \$000 = | \$520,636 | |
|---------------------------------|-------------|-------------|
| Customer Charge revenue = ccr = | \$685,738 | |
| SubMeter Credit = sc = | (\$7,100) | |
| | \$1,199,273 | - |
| Base Line Vols mth/yr = blv = | 1,707,243 | |
| | \$0.70246 | - |
| Gas Rate \$/th = | \$0.27687 | Misc Inputs |
| Composite Rate \$/th | \$0.97933 | - - |
| | | |

#5 LMM Volumetric Rate

LMM = Master Meter BL/NBL Rates are set proportional to proposed SF BL/NBL Rates

(Blrate*Blvolumes) + (presentNBL/Blratio * Blrate * NBLvolumes) = LMM Volumetric revenue

LMM Volumetric revenue NonCAT \$000/yr= \$1,423 Blvolumes = 7,787

proposed SF NBL/Blratio:

 SF BL rate =
 \$0.30496

 SF NBL rate =
 \$0.84936

 ratio
 2.79

 NBLvolumes =
 1,306

solve for Blrate:

Blrate * (Blvolume + (NBLvolume*ratio)) = LMM volumetric revenue

Blrate = Revenue/(Blvolume + (NBLvolume*ratio))

Proposed LMM Volumetric LMM Vol LMM vol rev rate \$/th mth/yr \$000/yr Blrate \$/th = \$0.12454 7,787 \$970 NBLrate = Blrate * ratio = \$/th \$0.34686 1,306 \$453 \$0.15646 9,093 \$1,423 2.79 ratio of proposed rates =

SoCalGs Residential Rate Design Data 2020 TCAP Application

| | | | Mth/year Base | - | | |
|---|----------------|-------------|---------------|-----------|----------------|----------------|
| Residential Customer Class Data | Tariff | # Customers | Line | Base Line | Mth/year Total | |
| Single Family | GR | 3,699,417 | 1,059,719 | 454,132 | 1,513,851 | Recorded 2017 |
| Multi Family | GR | 1,732,844 | 291,770 | 46,630 | 338,400 | Recorded 2017 |
| Master Meters: | | | | | | Recorded 2017 |
| Small Master Meter | GM | 118,325 | 182,464 | 65,306 | 247,770 | Recorded 2017 |
| Large Master Meter | GMB | 48 | 6,997 | 1,173 | 8,170 | _ |
| # master meters | | 118,373 | 189,461 | 66,479 | 255,940 | _ |
| total | | 5,550,634 | 1,540,950 | 567,241 | 2,108,191 | |
| # Master Meters w/ Submeters | GS | 1,694 | n/a | n/a | n/a | Recorded 2017 |
| Total # Submetered units | GS | 137,487 | n/a | n/a | n/a | Recorded 2017 |
| 2006 actuals as % of total | | | | | | |
| Single Family | GR | 66.6% | 50.3% | 21.5% | 71.8% | |
| Multi Family | GR | 31.2% | 13.8% | 2.2% | 16.1% | |
| Master Meters: | | | | | | |
| Small Master Meter | GM | 2.1% | 8.7% | 3.1% | 11.8% | |
| Large Master Meter | GMB | 0.0% | 0.3% | 0.1% | 0.4% | |
| # master meters | | 2.1% | 9.0% | 3.2% | 12.1% | _ |
| total | | 100.0% | 73.1% | 26.9% | 100.0% | - |
| # Master Meters w/ Submeters | GS | 1.4% | n/a | n/a | n/a | |
| Average # submeters per master meter | GS | 81 | n/a | n/a | n/a | |
| | | | | | | |
| 2016TCAP Forecast Residential Data Allocate | d to SF/MF/MM: | 5 744 504 | | | 0.040.050 | AU |
| Forecast | | 5,714,531 | | | 2,346,353 | _Alloc Factors |
| Single Family | GR | 3,808,652 | 1,179,435 | 505,435 | 1,684,870 | |
| Multi Family | GR | 1,784,011 | 324,731 | 51,898 | 376,629 | |
| Master Meters: | | | | | | |
| Small Master Meter | GM | 121,819 | 203,077 | 72,684 | 275,760 | |
| Large Master Meter | GMB | 49 | 7,787 | 1,306 | 9,093 | _ |
| # master meters | | 121,868 | 210,864 | 73,989 | 284,853 | _ |
| total | | 5,714,531 | 1,715,031 | 631,322 | 2,346,353 | |
| # Master Meters w/ Submeters | GS | 1,744 | n/a | n/a | n/a | |
| # Master Meters W/ Submeters | | ., | 11/4 | , 🗠 | , 🕶 | |

| Meter Size | New Meter Unit Cost (\$/meter) | wgts | Recorded # Res Customers | % allocation of Scalar | Allocation of Scalar | Forecast # Res Customers | # Large Master Meters | # of SF, MF & SMM customers |
|---------------|-----------------------------------|------|-----------------------------|------------------------------|----------------------|-----------------------------|-----------------------------|-----------------------------|
| 1 | \$47 | 21 | 5,108,718 | 92.8% | 150,488 | 5,259,206 | | 5,259,206 |
| 2 | \$142 | 20 | 36,595 | 0.6% | 1,027 | 37,622 | | 37,622 |
| 3 | \$427 | 19 | 330,863 | 5.4% | 8,818 | 339,681 | | 339,681 |
| 4 | \$577 | 18 | 60,954 | 0.9% | 1,539 | 62,493 | | 62,493 |
| 5 | \$577 | 17 | 2,531 | 0.0% | 60 | 2,591 | 0 | 2,591 |
| 6 | \$730 | 16 | 8,738 | 0.1% | 196 | 8,934 | 0 | 8,934 |
| 7 | \$730 | 15 | 163 | 0.0% | 3 | 166 | 0 | 166 |
| 8 | \$818 | 14 | 2,798 | 0.0% | 55 | 2,853 | 0 | 2,853 |
| 9 | \$818 | 13 | 679 | 0.0% | 12 | 691 | 0 | 691 |
| 10 | \$1,423 | 12 | 227 | 0.0% | 4 | 231 | 0 | 231 |
| 11-15 | \$4,433 | 11 | 50 | 0.0% | 1 | 51 | 37 | 14 |
| 16 | \$17,118 | 10 | 5 | 0.0% | 0 | 5 | 5 | 0 |
| 17 | \$17,118 | 9 | 2 | 0.0% | 0 | 2 | 2 | 0 |
| 18 | \$17,118 | 8 | 2 | 0.0% | 0 | 2 | 2 | 0 |
| 20 | \$17,118 | 7 | 1 | 0.0% | 0 | 1 | 1 | 0 |
| 21 | \$17,118 | 6 | 0 | 0.0% | 0 | 0 | 0 | 0 |
| 23 | \$17,118 | 5 | 1 | 0.0% | 0 | 1 | 1 | 0 |
| 24 | \$17,118 | 4 | 0 | 0.0% | 0 | 0 | 0 | 0 |
| 25-26 | \$119,284 | 3 | 0 | 0.0% | 0 | 0 | 0 | 0 |
| 28 | \$119,284 | 2 | 1 | 0.0% | 0 | 1 | 1 | 0 |
| 34 | \$119,284 | 1 | 0 | 0.0% | 0 | 0 | 0 | 0 |
| otal | • | | 5,552,328 | | 162,203 | 5,714,531 | 49 | 5,714,482 |
| orecasted Cus | stomers | | 5,714,531 | Alloc Factors | | | 49 | Res Data |
| Scalar | | | 162,203 | _ | | | | |
| Neter Cost = | | | | | | | | |

SoCalGas Core C&I Rate Design 2020 TCAP Application

#1 Calculate # customers by Tier
#2 Calculate # Therms by Tier

- #3 Calculation of Volumetric Rates #4 Calculation of CAT Adder:

| | Rate \$/mo or | | | revenue | |
|------------------------------------|---------------|-------------|-------------|-----------|---------------|
| Results | \$/th | # Customers | AYTP mth/yr | \$000/yr | |
| Customer Charge: | | | | | _ |
| Tier 1 <1,000 th/yr | \$15.00 | 141,378 | | \$25,448 | |
| Tier 2 >1,000 th/yr | \$15.00 | 62,136 | | \$11,185 | |
| Customer Charge | \$15.00 | 203,514 | | \$36,633 | _ |
| Tier 1 0 to 250 th/mo | \$0.65195 | | 202,399 | \$131,955 | |
| Tier 2 250 to 4,167 th/mo | \$0.34795 | | 449,431 | \$156,377 | |
| Tier 3 over 4,167 th/mo | \$0.14411 | | 340,876 | \$49,123 | |
| Total Volumetric | \$0.33993 | | 992,706 | \$337,455 | _ |
| Total Volumetric & Customer Charge | \$0.37684 | | 992,706 | \$374,088 | |
| CAT Adder | \$0.00166 | | 139,308 | \$232 | Alloc Factors |
| CSITMA Adder \$/th | \$0.00311 | | 978,185 | \$3,038 | Alloc Factors |
| GHG Adder \$/th | \$0.00000 | | 992,706 | \$0 | Alloc Factors |
| Total CCI | \$0.38013 | | 992,706 | \$377,357 | _ |

#1 Calculate # customers by Tier

| | | | Forecast # | |
|--------|------------|---------|------------|---------------|
| | # Bills/yr | % total | Customers | Source |
| Tier 1 | 1,412,330 | 69.5% | 141,378 | 2017 Recorded |
| Tier 2 | 620,725 | 30.5% | 62,136 | 2017 Recorded |
| | 2,033,055 | 100.0% | 203,514 | Alloc Factors |

#2 Calculate # Therms by Tier

| | | · · · · · · · · · · · · · · · · · · · | | | | |
|--------------|-------------|---------------------------------------|---------|---------------|--|--|
| | Total | | Volumes | | | |
| 2006 Mdth/yr | Mdth/yr | % total | Mth/yr | Source | | |
| Tier 1 * | 224,252.4 | 20.4% | 202,399 | 2017 Recorded | | |
| Tier 2 | 497,956.9 | 45.3% | 449,431 | 2017 Recorded | | |
| Tier 3 | 377,680.5 | 34.3% | 340,876 | 2017 Recorded | | |
| | 1,099,889.8 | 100.0% | 992,706 | Alloc Factors | | |

#3 Calculation of Volumetric Rates

| | | | | | Vol Rate | | | |
|----------------|--------------------------------|---------------|---------------|--------------|--------------|------------|-----------|----------|
| | | | Vol Rate Base | Vol Rev Base | NonBase | | | |
| | % difference | Forecast Vol | Margin Items | Margin Items | Margin Items | Total Vol | Total Vol | |
| | from Tier 1 | Mth/yr | \$/th | \$000 | \$/th | Rate \$/th | Rev \$000 | Source |
| Tier 1 | | 202,399 | \$0.58967 | \$119,348 | \$0.06229 | \$0.65195 | \$131,955 | |
| Tier 2 | 48% | 449,431 | \$0.28566 | \$128,383 | \$0.06229 | \$0.34795 | \$156,377 | |
| Tier 3 | 14% | 340,876 | \$0.08182 | \$27,890 | \$0.06229 | \$0.14411 | \$49,123 | |
| | • | 992,706 | - | \$275,621 | - | \$0.33993 | \$337,455 | <u>-</u> |
| Total Allocate | d Base Margin Costs to CCI | | | \$311,454 | Cost Alloc | | | |
| Less CAT Rel | ated Costs allocated to CCI \$ | 000 | | (\$232) | Cost Alloc | | | |
| Plus Non-ECF | T items | | | \$1,031 | Cost Alloc | | | |
| Amount to be | allocated based on current tie | er difference | | \$312,253 | | | | |
| less custome | er charge revenue | | | (\$36,633) | | | | |
| Target Vol Re | v \$000 = | | • | \$275,621 | - | | | |
| Vol revenue C | check should be \$0 | | | \$0 | | | | |
| Total Allocate | d Costs | | | \$377,357 | Cost Alloc | | | |
| Less CAT Rel | ated Costs allocated to CCI \$ | 000 | | (\$232) | | | | |
| Less CSITM | A Adder \$/th | | | (\$3,038) | Cost Alloc | | | |
| Less GHG A | dder \$/th | | | \$0 | Cost Alloc | | | |
| Total Allocate | d Costs | | • | \$374,088 | 5 | | | |
| Amount to be | allocated based on current tie | er difference | | \$312,253 | | | | |
| Total Allocate | d NonBase Margin Costs | | • | \$61,835 | • | | | |
| Forecast AY | TP Mth/yr | | | 992,706 | | | | |
| Volumetric Ra | te for NonBaseMargin Items | \$/th | • | \$0.06229 | - | | | |

Notes:
Rate 1 = [((1*volume1) + "(1*tier 2 % difference*Volume2) + (1*tier 3 % difference*Volume3))*(1/volumetric revenue)]^-1
Rate 2 = Rate 1 * % difference from tier 1
Rate 3 = Rate 1 * % difference from tier 1

Volumetric rates are calculated in 2 parts:

volunients: rates are calculated in 2 parts:
part 1 = base margin - CAT Costs + Core Averaging Adjustment - Customer Chareg Revenue is allocated amongst the tiers based on current rates,
part 2 = non base margin items are allocated ECPT among tiers.

#4 Calculation of CAT Adder:

CAT Related Costs allocated to CCI \$000 CAT Volumes Mth/yr CAT Rate Adder \$/th

\$232 139,308 \$0.00166 _ Alloc Factors

^{*} Tier 1 without seasonality, Tier 1 includes volumes up to 250 th/mo in winter & Summer months.

SOCALGAS G-AC Rate Design 2020 TCAP Application

Procedure:

Single volumetric tier and a single customer charge.

Volumetric rate based on allocated costs, less customer charge revenue, divided by AYTP.

| Calculation of Volumetric Transmission Rate: | | Source |
|--|-----------|---------------|
| Total Transportation Revenue \$000 | \$66.012 | Cost Alloc |
| CSITMA Adder | \$1.293 | Cost Alloc |
| Less Customer Charge Revenue: | | |
| # customers | 8 | Recorded 2017 |
| Customer Charge \$/mo | \$150.00 | |
| Customer Charge Revenue \$000/yr | \$14 | _ |
| Volumetric Revenue \$00/yr | \$50 | _ |
| AYTP mth/yr | 416 | Alloc Factors |
| Volumetric Rate \$/th | \$0.12088 | |

SOCALGAS <u>G-EN Rate Design</u> 2020 TCAP Application

Procedure:

Single volumetric tier and a single customer charge.

Volumetric rate based on allocated costs, less customer charge revenue, divided by AYTP.

| Calculation of Volumetric Transmission Rate: | | Source |
|--|-----------|---------------|
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$9,212 | Cost Alloc |
| Subtotal Other Operating Costs and Revenues | \$139 | Cost Alloc |
| Total Regulatory Accounts | \$1,126 | Cost Alloc |
| Core Interstate Pipeline Demand Charges (IPDC) | \$0 | Cost Alloc |
| EOR Revenue allocated to Other Classes \$000 | (\$67) | Cost Alloc |
| EOR Costs allocated to Other Classes \$000 | \$42 | Cost Alloc |
| Total Transportation Revenue \$000 | \$10,452 | |
| AYTP mth/yr | 22,302 | Alloc Factors |
| average rate \$/th | \$0.46867 | _ |
| G-EN CAP \$/th | \$0.16318 | |
| AYTP mth/yr | 22,302 | Alloc Factors |
| Revenue @ G-EN CAP rate \$000 | \$3,639 | |
| Reduction in rate required to match CAP | \$6,813 | |
| Transportation Revenue to match CAP | \$3,639 | |
| average rate \$/th | \$0.16318 | |
| Total Transportation Revenue (post CAP) \$000 | \$3,639 | Cost Alloc |
| CSITMA Adder | \$69 | |
| Less Customer Charge Revenue: | | |
| # customers | 711 | Recorded 2017 |
| Customer Charge \$/mo | \$50.00 | |
| Customer Charge Revenue \$000/yr | \$427 | |
| Volumetric Revenue \$00/yr | \$3,143 | |
| AYTP mth/yr | 22,302 | Alloc Factors |
| Volumetric Rate \$/th | \$0.14094 | _ |

| Calculation of G-EN CAP: | | Source |
|-------------------------------------|-------------|--------------------------------|
| G-EN Cap (incl IPDC, EE & RDD) | \$0.20384 | 1999BCAP |
| GHG Costs | \$0.00000 | Misc Input tab |
| Less IPDC | \$0.00000 | 2016RD Model |
| Less EE & RDD rate \$/th | (\$0.04066) | |
| G-EN CAP (Ex IPDC, EE & RDD) | \$0.16318 | |
| Calculation of EE & RDD rate \$/th: | | |
| allocated EE \$000's | \$741 | 2018 PPPS Model WP #1 cell F8 |
| allocated ESAP (LIEE) \$000's | \$0 | 2018PPPS Model WP #1 cell F9 |
| Less allocated EE balance: | | |
| total EE balance \$000's | (\$11,281) | 2018 PPPS Model WP #2 cell D42 |
| DSM allocator | 0.99% | 2018 PPPS Model WP #1 cell F28 |
| | (\$112) | |
| Plus allocated RDD: | | |
| total RDD \$000's | \$11,880 | 2018 PPPS Model WP #2 cell D20 |
| EPMC All Ex UBS & EOR | 0.45% | Alloc Factors cell E107 |
| | \$54 | |
| Allocated EE & RDD \$000's | \$907 | |
| AYTP Mth/yr | 22,302 | Alloc Factors cell E31 |
| Less EE & RDD rate \$/th | \$0.04066 | |

SOCALGAS NGV Cost Allocation 2020 TCAP Application

Procedure:

Rates based on allocated costs divided by AYTP.

SW rate based on combined allocated costs divided by combined AYTP.

| Calculation of Costs Allocated to NGV: | | Source |
|--|----------|------------|
| NGV Revs on a Pre-Semprawide Basis | \$26,484 | Cost Alloc |
| Less EC Compression Costs | \$2,964 | Cost Alloc |
| CSITMA Adder \$/th | \$555 | Cost Alloc |
| Less CARB Adder \$/th | \$181 | Misc Input |
| Less GHG Adder \$/th | \$0 | Misc Input |
| Total Transport Rev Stand Alone | \$22,783 | |

Pre SW Calculation of Compression Adder Rate:

| Pre SW Compression Adder Rate \$/th | \$1.04636 | |
|-------------------------------------|-----------|------|
| Compression Volumes mth/yr | 2,833 | TCAP |
| EC Compression Costs | \$2,964 | |

| Calculation of Customer Charge Revenue: | P-1 | P-2A | Total | Source |
|---|---------|---------|---------|---------------------|
| Customer Charge \$/mo | \$13.00 | \$65.00 | \$28.82 | |
| # Customers | 263 | 115 | 378 | TCAP/ Alloc Factors |
| Customer Charge Revenue \$000/yr | \$41 | \$90 | \$131 | |

| Pre-SW Calculation of NGV Transportation Rate: | | Source |
|--|-----------|---------------|
| Total Transport Rev Stand Alone | \$22,783 | |
| Less Customer Charge revenue \$000/yr | \$131 | |
| Volumetric Revenue \$000/yr | \$22,652 | |
| Transportation volumes mth/yr | 178,769 | Alloc Factors |
| Pre-SW NGV Transportation Rate \$/th | \$0.12671 | |

| Calculation of Post SW NGV Rates: | SCG | SDGE | Total | |
|--|-----------|-----------|-----------|---------------------------|
| Pre-SW Transportation Volumetric Revenue w/FFU | \$22,652 | \$2,754 | \$25,406 | SDGE RD Model / NGV Rates |
| FFU | 101.74% | 102.29% | | Misc Input/ SDGE RD Model |
| Pre-SW Transportation Volumetric Revenue w/oFFU | \$22,266 | \$2,692 | \$24,958 | |
| Transportation volumes mth/yr | 178,769 | 24,129 | 202,898 | SDGE RD Model / NGV Rates |
| SW Average Transport Rate w/o FFU \$/th | | | \$0.12301 | _ |
| Calculation of SW Transport Revenue w/o FFU: | | | | |
| Transportation volumes mth/yr | 178,769 | 24,129 | 202,898 | |
| Post SW Volumetric Rates w/o FFU\$/th | \$0.12301 | \$0.12301 | \$0.12301 | <u></u> |
| Post SW Volumetric Revenue w/o FFU | \$21,990 | \$2,968 | \$24,958 | |
| Pre-SW Transportation Volumetric Revenue w/o FFU | \$22,266 | \$2,692 | \$24,958 | |
| SW UnCompressed Volumetric Adjustment w/o FFU | (\$276) | \$276 | (\$0) | _ |
| Calculation of SW Transport Revenue w/ FFU: | | | | |
| Transportation volumes mth/yr | 178,769 | 24,129 | 202,898 | |
| Post SW Volumetric Rates w/ FFU\$/th | \$0.12514 | \$0.12583 | \$0.12522 | |
| Post SW Volumetric Revenue w/ FFU | \$22,372 | \$3,036 | \$25,408 | _ |
| Pre-SW Transportation Volumetric Revenue w/FFU | \$22,652 | \$2,754 | \$25,406 | |
| SW UnCompressed Volumetric Adjustment w/FFU | (\$281) | \$282 | \$2 | |
| Pre-SW Compressor Revenue w/FFU | \$2,964 | \$647 | \$3,611 | SDGE RD Model / NGV Rates |
| FFU | 101.74% | 102.29% | ψο,σ | Misc Input/ SDGE RD Model |
| Pre-SW Compressor Revenue w/o FFU | \$2,914 | \$633 | \$3,546 | Mice input CDCL ND Micuol |
| Compressor Volumes Mth/yr | 2,833 | 628 | 3,461 | SDGE RD Model / NGV Rates |
| SW Average Compressor Rate w/o FFU \$/th | 2,000 | 020 | \$1.02458 | OBOLING Model/ Nev Halos |
| Calculation of SW Compressor Revenue w/o FFU: | | | | |
| Compressor Volumes Mth/yr | 2,833 | 628 | 3,461 | |
| SW Average Compressor Rate w/o FFU \$/th | \$1.02458 | \$1.02458 | \$1.02458 | |
| Post SW Compressor Revenue w/o FFU | \$2,903 | \$644 | \$3,546 | _ |
| Pre-SW Compressor Revenue w/o FFU | \$2,914 | \$633 | \$3,546 | |
| SW Compressed Adjustment w/o FFU | (\$11) | \$11 | \$0 | _ |
| Calculation of SW Compressor Revenue w/ FFU: | | | | |
| Compressor Volumes Mth/yr | 2,833 | 628 | 3,461 | |
| SW Average Compressor Rate w/ FFU \$/th | \$1.04238 | \$1.04809 | \$1.04342 | |
| Post SW Compressor Revenue w/ FFU | \$2,953 | \$659 | \$3,611 | _ |
| Pre-SW Compressor Revenue w/ FFU | \$2,964 | \$647 | \$3,611 | |
| SW Compressed Adjustment w/ FFU | (\$11) | \$11 | \$0 | |
| Total NGV Revenue w/FFU: | | | | |
| Pre-SW Vol & Compressor Adder W/FFU | \$25,617 | \$3,401 | \$29,018 | |
| Post-SW Volumetric & Compressor Adder w/FFU | \$25,325 | \$3,695 | \$29,019 | |
| | (\$292) | \$294 | \$2 | |
| | v· - / | | * | |

SoCalGas Residential NGV Rates 2020 TCAP Application

Procedure:

Calculate average cost per residential customer.

Calculate incremental cost for a Fuel Maker (FM)

Calculate total revenue required from a residential customer with a fuel maker.

Deduct customer charge revenue to obtain volumetric revenue requirement

Calculate total therms/year from residential customers with a fuel maker

Calculate volumetric rate for Res customer with FM as total costs (including FM) / total volumes (incl FM)

| Results of Res Data: | Rate | # Res Customers with Fuel Maker | AYTP Mth/yr | Revenue \$000/yr |
|--|----------------------|---------------------------------|-------------|------------------|
| Customer Charge \$/mo Volumetric Rate \$/th | \$10.00 \$0.28630 | 216 | 166 | \$26 \$48 |
| | | | | \$73 |

| Calculation of Total Revenue from Res Customers with FM: | | Source |
|---|--------------|---------------|
| Res Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, TLS \$000/yr | \$1,743,897 | Cost Alloc |
| less CSITMA adder costs | (\$5,420.96) | |
| less CARB adder costs | (\$2,378) | |
| less GHG adder costs | \$0 | |
| | \$1,736,098 | |
| # Res Customers | 5,714,531 | Alloc Factors |
| Residential Cost = \$/Customer/year | \$304 | |
| Additional cost for FM = \$/customer/year | <u>\$154</u> | |
| Total cost for Res customer with FM = \$/customer/yr | \$458 | |
| Total # FM customers | <u>216</u> | |
| Total Revenue from Res Customers with FM=\$000 | \$99 | |
| # Res Customers with FM | 216 | |
| Customer Charge = \$/mo | \$10.00 | |
| Customer Charge Revenue = \$000/yr | \$26 | |
| Volumetric Revenue from Res Customers with FM=\$000 | \$73 | |
| Total Mth/year of Res Customers with FM=Mth/yr | 255 | |
| Vol Transport Rate for Res Customer with FM=\$/th | \$0.28630 | |

| Calculation of Total Mth/year of Res Customers with Fuel Maker ("FM"): | | Source |
|--|-----------|---------------|
| Average Residential Th/year: | | |
| Total Residential AYTP=Mth/yr | 2,346,353 | Alloc Factors |
| # Residential Customer | 5,714,531 | Alloc Factors |
| Average Residential Th/year | 411 | |
| Additional Th/year for FM: | | |
| Total Fuel Maker Mth/yr | 166 | |
| Total # Fuel Maker customers | 216 | |
| Additional Th/year for Fuel Maker | 770 | |
| Total Th/year for Res Customer with FM = th/yr | 1,181 | |
| Total # FM customers | 216 | |
| Total Mth/year of Res Customers with FM=Mth/yr | 255 | |

| Calculation of FM therms/year and # FM Customers: | | Source |
|---|-------|-----------|
| FM Usage Per Day Per Home (therm/day) | 2.11 | 2017 Data |
| x avg #days/month | 30.42 | 2017 Data |
| FM Usage Per Day Per Home (therm/day) | 64.2 | |
| Total # Res Customers | | |
| % of Res. Households Having NGV refueling at home | | |
| Total # FM customers | 216 | 2017 Data |
| Total FM Mth/yr | 166 | |
| Total FM Mth/month | 14 | |
| Total FM Mth/day | 0.5 | |

| Calculation of Additional cost for FM = \$/customer/year: | Additional cost for FM | Source |
|---|------------------------|-----------------------|
| Incremental Customer Costs \$000/yr | | |
| One Time Billing System Costs \$000 | \$100 | |
| Amortization period = years | 5 | |
| Incremental Customer Costs \$000/yr | \$20 | _ |
| Incremental MPD Costs \$000/yr | | |
| Res CYPD Mth/d | 24,168 | Alloc Factors |
| FM Est Peak Day Mth/d | 0.5 | |
| FM CYPD as % Res CYPD | 0.00% | |
| Res MPD Costs \$000 | \$288,483 | Cost Allocation |
| Total MPD Costs \$000 | \$5 | - |
| Incremental HPD Costs \$000/yr | | |
| Res CYPM Mth/mo | 392,906 | Alloc Factors |
| FM Est CYPM Mth/mo | 14 | |
| FM CYPM as % Res CYPM | 0.00% | |
| Res HPD Costs \$000 | \$95,956 | Cost Allocation |
| Total HPD Costs (\$1,000) | \$3 | - |
| Incremental BBT Costs for FM \$000/yr | w/SI | |
| Res CYTP Mth/yr | 2,584,453 | Alloc Factors |
| FM Est Peak CYTP Mth/d | 166 | Use AYTP of FM market |
| FM CYTP as % Res CYTP | 0.01% | |
| Res BBT Costs w/SI \$000 | \$0 | Cost Allocation |
| Incremental BBT Costs \$000 | \$0 | _ |
| have a set of the set of the SM \$2006 | | |
| Incremental Local-T Costs for FM \$000/yr: | 202.000 | Allaa Faatana |
| Res CYPM Mth/mo | 392,906 | Alloc Factors |
| FM Est CYPM Mth/mo | 14 | Use AYTP of FM market |
| FM CYPM as % Res CYPM | 0.00% | Cook Allocation |
| Res Local-T Costs w/SI \$000 | \$26,613 | Cost Allocation |
| Incremental Local-T costs \$000 | \$1 | |

| Incremental Storage Costs - Seasonal for FM \$000/yr: | | |
|---|-----------|-----------------|
| Res CYPD Mth/d | 24,168 | Alloc Factors |
| FM Est Peak Day Mth/d | 0.5 | |
| FM Peak Day as % Res Peak Day | 0.00% | Onet Allegation |
| Res Stoarage Costs - Seasonal \$000 | \$67,728 | Cost Allocation |
| Storage Costs - Seasonal for FM \$000 | \$1 | |
| | | |
| Incremental Storage Costs - Load Balancing for FM \$000/yr: | | |
| Res AYTP Mth/y | 2,346,353 | Alloc Factors |
| FM Est AYTP Mth/y | 166 | |
| FM Peak Day as % Res Peak Day | 0.01% | |
| Res Stoarage Costs - Load Balancing \$000 | \$17,719 | Cost Allocation |
| Storage Costs - Load Balancing for FM \$000 | \$1 | |
| Incremental Co Use Transmission for FM \$000/yr: | | |
| FM Est AYTP Mth/y | 166 | |
| Co Use Trans rate as % of end use | 0.000% | Misc Input |
| CoUse Trans for FM Mth/yr | 0 | |
| WACOG \$/dth | \$2.77 | Misc Input |
| Co Use Transmission for FM \$000/yr | \$0 | |
| | | |
| Incremental UAF for FM \$000/yr: | | |
| FM Est AYTP Mth/y | 166 | |
| UAF rate as % of end use | 0.937% | Misc Input |
| UAF for FM Mth/yr | 2 | |
| WACOG \$/dth | \$2.77 | Misc Input |
| UAF for FM \$000/yr | \$0 | |
| Incremental Transport Rev Reg w/SI, w/oFFU \$000/yr | \$33 | |
| FFU Rate | 101.74% | Cost Allocation |
| Incremental Transport Rev Req w/SI, FFU \$000/yr | \$33 | |
| # FM Customers | 216 | |
| Additional cost for FM = \$/customer/year | \$154 | <u> </u> |

SoCalGas NonCore C&I Distribution Rate Design 2020 TCAP Application

Procedures:

#1 Calculate # Therms by Tier

#2 Calculation of Proposed Rates:

| | Rate \$/mo or | | | Revenue |
|------------------------------------|---------------|-------------|-------------|----------|
| Results | \$/th | # Customers | AYTP mth/yr | \$000/yr |
| Customer Charge: | \$350 | 563 | | \$2,367 |
| Tier 1 0 to 250 th/mo | \$0.18285 | | 124,403 | \$22,747 |
| Tier 2 250 to 4,167 th/mo | \$0.11328 | | 217,228 | \$24,607 |
| Tier 3 over 4,167 th/mo | \$0.06877 | | 118,763 | \$8,168 |
| Tier 4 | \$0.03697 | | 459,341 | \$16,982 |
| Total Volumetric | \$0.07883 | | 919,735 | \$72,503 |
| Total Volumetric & Customer Charge | \$0.08140 | | 919,735 | \$74,869 |
| CSITMA Adder \$/th | 0.00311 | | | \$2,843 |
| GHG Adder \$/th | 0.00000 | | | \$0 |
| Total NCCI | \$0.08449 | | 919,735 | \$77,712 |

| | NCCI-D excl Refinery | NCCI-D Refinery | 2010 Total NCCI-D | | Forecast Volumes | |
|-------------------------------|-------------------------|--------------------|----------------------|---------|---------------------|------------------|
| #1 Calculate # Therms by Tier | usage Mth/yr | usage Mth/yr | Mth/yr | % total | Mth/yr | Source |
| # customers | _ | | | | 563 | NCCI Detal Alloc |
| Tier 1 | 120,833 | 2,292 | 123,125 | 13.5% | 124,403 | Recorded 2017 |
| Tier 2 | 208,619 | 6,377 | 214,996 | 23.6% | 217,228 | Recorded 2017 |
| Tier 3 | 109,144 | 8,399 | 117,543 | 12.9% | 118,763 | Recorded 2017 |
| Tier 4 | 210,593 | 244,030 | 454,623 | 49.9% | 459,341 | Recorded 2017 |
| | 649,189 | 261,098 | 910,287 | 100.0% | 919,735 | Alloc Factors |

#2 Calculation of Proposed Rates:

| | | | | Vol Rate | Vol Rev Base | Vol Rate NonBase | | | |
|-----------------|---------------|------------------|---------------|-------------|--------------|---------------------|------------|------------|------------------|
| | Current | % difference | Forecast Vol | Base Margin | Margin Items | Margin Items | Pre-SA Vol | Pre-SA Vol | |
| | Rates | from Tier 1 | Mth/yr | Items \$/th | \$000 | \$/th | Rate \$/th | Rev \$000 | Source |
| Tier 1 | | | 124,403 | \$0.16868 | \$20,984 | \$0.01417 | \$0.18285 | \$22,747 | |
| Tier 2 | | 59% | 217,228 | \$0.09910 | \$21,528 | \$0.01417 | \$0.11328 | \$24,607 | |
| Tier 3 | | 32% | 118,763 | \$0.05460 | \$6,485 | \$0.01417 | \$0.06877 | \$8,168 | |
| Tier 4 | | 14% | 459,341 | \$0.02280 | \$10,472 | \$0.01417 | \$0.03697 | \$16,982 | |
| | | • | 919,735 | • | \$59,469 | | \$0.07883 | \$72,503 | - |
| Total Allocated | l Base Margii | n Costs to NCC | I-D | | \$63,337 | | | | NCCI Detal Alloc |
| Plus Non-ECP | T items | | | | (\$1,501) | | | | |
| Amount to be a | allocated bas | ed on current ti | er difference | | \$61,836 | | | | |
| less custome | r charge reve | enue: | | | | | | | |
| # Customer | 's | | | | 563 | | | | NCCI Detal Alloc |
| Customer C | Charge \$/mo | | | | \$350.00 | | | | |
| less custome | r charge reve | enue | | | (\$2,367) | | | | |
| Target Base M | argin portion | of Vol Rev \$00 | 00 = | | \$59,469 | • | | | |
| Vol revenue Ci | heck should | be \$0 | | | \$0 | | | | |
| Total Allocated | Costs to NC | CI-D | | | \$77,712 | | | | NCCI Detal Alloc |
| Less CSITMA | Adder \$/th | | | | \$2,843 | | | | NCCI Detal Alloc |
| Less GHG Ac | dder \$/th | | | | \$0 | | | | NCCI Detal Alloc |
| Total Allocated | l Costs | | | | \$74,869 | | | | |
| Total Allocated | l Base Margii | n Costs to NCC | I-D | | \$61,836 | | | | |
| Total Allocated | l NonBase M | argin Costs to N | NCCI-D | | \$13,034 | • | | | |
| Forecast AYT | P Mth/yr | | | | 919,735 | | | | |
| Volumetric Rat | e for NonBas | seMargin Items | \$/th | | \$0.01417 | • | | | |

SOCALGAS EG Distribution Rate Design

2020 TCAP Application

Procedure:

Rates based on allocated costs divided by AYTP.

SW rate based on combined allocated costrs divided by combined AYTP.

| | Pre S | Sempra Wide Rate | Post Sempra Wide Rates | | | |
|---|---------|------------------|------------------------|---------|------------|----------|
| Summary of EG Distribution Rates: | Mth/yr | Rate \$/th | Revenue \$000's | Mth/yr | Rate \$/th | \$000's |
| EFBA Exempt Rates: | | | | | | |
| EG Distribution Tier 1: | | | | | | |
| Customer Charge | 308 | \$50.00 | \$185 | 308 | \$50.00 | \$185 |
| Volumetric Rate (excl ITCS) | 88,449 | \$0.13460 | \$11,905 | 88,449 | \$0.12810 | \$11,330 |
| | 88,449 | \$0.13669 | \$12,090 | 88,449 | \$0.13019 | \$11,515 |
| EG Distribution Tier 2 | | | | | | |
| Customer Charge | 30 | \$0.00 | \$0 | 30 | \$0.00 | \$0 |
| Volumetric Rate | 242,993 | \$0.07423 | \$18,038 | 242,993 | \$0.07253 | \$17,624 |
| | 242,993 | \$0.07423 | \$18,038 | 242,993 | \$0.07253 | \$17,624 |
| EG Distribution EFBA & GHG Exempt Customers | 331,442 | \$0.09090 | \$30,128 | 331,442 | \$0.08792 | \$29,139 |
| EFBA & GHG Non-Exempt Rates: | | | | | | |
| EFBA Cost Adder | 330,876 | \$0.00101 | \$335 | 330,876 | 0.00101 | \$335 |
| GHG Cost Adder | 104,031 | \$0.00000 | \$0 | 104,031 | 0.00000 | \$0 |
| EG-Distribution Tier 1 w/EFBA Adder | | \$0.13561 | | | 0.12911 | |
| EG-Distribution Tier 2 w/EFBA Adder | | \$0.07524 | | | 0.07354 | |
| Total EG Distribution Level | 331,442 | \$0.09191 | \$30,463 | 331,442 | \$0.08893 | \$29,474 |

| Calculation of Pre SempraWide EG-D Rate Excl EFBA | EG-D Tier 1 | EG-D Tier 2 | Total | Source |
|--|-------------|-------------|-----------|---------------------|
| AYTP mth/yr | 88,449 | 242,993 | 331,442 | EG-EOR Detail Alloc |
| Total revenue \$000/yr | \$12,179 | \$18,284 | \$30,463 | EG-EOR Detail Alloc |
| Less: AB32 Admin Fees | (89) | (246) | (335) | EG-EOR Detail Alloc |
| Less: GHG Fees | 0 | 0 | 0 | EG-EOR Detail Alloc |
| Total revenue net of AB32 Admin & GHG Fee \$000/yr | \$12,090 | \$18,038 | \$30,128 | |
| total rate Incl Cust Chg \$/th | \$0.13669 | \$0.07423 | \$0.09090 | |
| Customer Charge: | | | | |
| Total Customers | 308 | 30 | 338 | EG-EOR Detail Alloc |
| Customer Charge | \$50.00 | \$0.00 | | |
| Customer Charge Rev \$000/yr | \$185 | \$0 | \$185 | _ |
| Volumetric Rate: | | | | |
| Total revenue \$000/yr | \$12,090 | \$18,038 | \$30,128 | |
| Less Customer Charge \$000/yr | \$185 | \$0 | \$185 | |
| Volumetric Revenue \$000/yr | \$11,905 | \$18,038 | \$29,943 | |
| Volumetric Rate /th | \$0.13460 | \$0.07423 | \$0.09034 | _ |

| Calculation of Post SW EG Tier 1 Rates: | SCG | SDGE (*) | Combined | Source |
|---|----------------|---------------|-----------|----------------------------|
| Ode late a server Total Bate | | | | |
| Calculate average Tier 1 Rate: | #40.000 | CO C40 | £4.4.700 | CDCE DD Madal/EC D Datas |
| Pre-SW Tier 1 revenue w/FFU \$000/yr | \$12,090 | \$2,640 | \$14,730 | SDGE RD Model/EG-D Rates |
| Less Customer Charge Revenue w/FFU \$000 | \$185 | \$41 | \$226 | SDGE RD Model/EG-D Rates |
| Pre-SW Tier 1 Volumetric revenue w/FFU \$000/yr | \$11,905 | \$2,598 | \$14,503 | Miss Issail ODOE DD Martis |
| FFU rate | 101.74% | 102.29% | 044404 | Misc Input/ SDGE RD Model |
| Pre-SW Tier 1 revenue w/o FFU \$000/yr | \$11,883 | \$2,581 | \$14,464 | SDGE RD Model/EG-D Rates |
| Less Customer Charge Revenue w/o FFU \$000 | \$182 | \$40 | \$222 | SDGE RD Model/EG-D Rates |
| Pre-SW Tier 1 Volumetric revenue w/o FFU \$000/yr | \$11,702 | \$2,540 | \$14,242 | |
| AYTP Mth/yr | 88,449 | 24,662 | 113,111 | SDGE RD Model/EG-D Rates |
| average SW Tier 1 rate w/o FFU \$/th | | | \$0.12591 | |
| Calculate Post-SW Revenue w/o FFU: | | | | |
| AYTP Mth/yr | 88,449 | 24,662 | 113,111 | SDGE RD Model/EG-D Rates |
| Post SW Tier 1 Volumetric rate w/o FFU \$/th | \$0.12591 | \$0.12591 | \$0.12591 | |
| Post-SW Tier 1 Volumetric Revenue w/o FFU \$000 | \$11,137 | \$3,105 | \$14,242 | _ |
| Plus Customer Charge Revenue w/o FFU \$000 | \$182 | \$40 | \$222 | |
| Post-SW Tier 1 Revenue w/o FFU \$000 | \$11,318 | \$3,146 | \$14,464 | _ |
| Pre-SW Tier 1 revenue w/o FFU \$000/yr | \$11,883 | \$2,581 | \$14,464 | |
| Tier 1 SW Adjustment w/o FFU \$000 | (\$565) | \$565 | \$0 | _ |
| Calculate Post-SW Revenue w/FFU: | | | | |
| AYTP Mth/vr | 88.449 | 24.662 | 113,111 | |
| Post SW Tier 1 Volumetric rate w/FFU \$/th | \$0.12810 | \$0.12880 | \$0.12825 | |
| Post-SW Tier 1 Volumetric Revenue w/FFU \$000 | \$11,330 | \$3,176 | \$14,506 | |
| Plus Customer Charge Revenue w/FFU \$000 | \$185 | \$41 | \$226 | |
| Post-SW Tier 1 Revenue w/FFU \$000 | \$11,515 | \$3,218 | \$14,733 | _ |
| Pre-SW Tier 1 revenue w/FFU \$000/yr | \$12,090 | \$2,640 | \$14,730 | |
| Tier 1 SW Adjustment w/FFU \$000 | (\$575) | \$578 | \$3 | _ _ |

| Calculation of Post SW EG Tier 2 Rates: | SCG | SDGE (*) | Combined | Source |
|---|-----------|-----------|-----------|---------------------------|
| Calculate average Tier 2 Rate: | | | | |
| Pre-SW Tier 2 revenue w/FFU \$000/yr | \$18,038 | \$2,808 | \$20,845 | SDGE RD Model/EG-D Rates |
| FFU rate | 101.74% | 102.29% | | Misc Input/ SDGE RD Model |
| Pre-SW Tier 2 revenue w/oFFU \$000/yr | \$17,730 | \$2,745 | \$20,474 | |
| AYTP Mth/yr | 242,993 | 44,206 | 287,199 | SDGE RD Model/EG-D Rates |
| average SW Tier 2 rate w/oFFU \$/th | · | | \$0.07129 | _ |
| Calculate Post-SW Revenue w/oFFU: | | | | |
| AYTP Mth/yr | 242,993 | 44,206 | 287,199 | |
| Post SW Tier 2 rate w/o FFU \$/th | \$0.07129 | \$0.07129 | \$0.07129 | |
| Post-SW Tier 2 Revenue w/o FFU \$000 | \$17,323 | \$3,151 | \$20,474 | _ |
| Pre-SW Tier 2 revenue w/oFFU \$000/yr | \$17,730 | \$2,745 | \$20,474 | |
| Tier 2 SW Adjustment w/o FFU \$000 | (\$407) | \$407 | \$0 | _ |
| Calculate Post-SW Revenue w/FFU: | | | | |
| AYTP Mth/yr | 242,993 | 44,206 | 287,199 | |
| Post SW Tier 2 rate w/ FFU \$/th | \$0.07253 | \$0.07293 | \$0.07259 | |
| Post-SW Tier 2 Revenue w/ FFU \$000 | \$17,624 | \$3,224 | \$20,848 | _ |
| Pre-SW Tier 2 revenue w/ FFU \$000/yr | \$18,038 | \$2,808 | \$20,845 | <u></u> |
| Tier 2 SW Adjustment w/ FFU \$000 | (\$414) | \$416 | \$2 | |

SUMMARY of Pre & Post SW revenue & rates w/FFU:

| Pre SW Total Revenue Tier 1 & 2 w/FFU \$000 | \$30,128 | \$5,447 | \$35,968 |
|--|-----------|-----------|-----------|
| Post SW Total Revenue Tier 1 & 2 w/FFU \$000 | \$29,139 | \$6,441 | \$35,973 |
| Total SW Adjustment w/FFU \$000 | (\$989) | \$994 | \$5 |
| Total AYTP Mth/yr | 331,442 | 68,867 | 400,310 |
| Pre SW Average Rate w/FFU \$/th | \$0.09090 | \$0.07910 | \$0.08985 |
| Post SW Average Rate w/FFU \$/th | \$0.08792 | \$0.09353 | \$0.08986 |
| | | | |

SoCalGas

Transmission Level Service ("TLS") Rate Design (SFV, Volumetric & Usage rates) 2020 TCAP Application

Procedure:

- #1 Calculate Total Revenue Requirement of TLS customers excluding CARB & GHG Fees
- #2a Calculate Usage Rate CA Rate
- #3 Calculate TLS SFV Rate:
- #4 Calculate Class Average Volumetric Rate
- #6 Calculate TLS Revenue
- #7 Verify Revenue Collections:

#1 Calculate Total Revenue Requirement of TLS customers excluding CARB & GHG Fees

| | SCG Whole | | | | | | | Total | | | |
|---|---------------------|----------------------|----------|--------------------|--------------------|----------------------|----------------|---------------------|---------------------|-----------------------|--|
| | SCG NCCI- | | SCG EOR- | Sale Excl | | Total SCG | SDGE | SDGE EG-T | SDGE | Total SEU | |
| | T (1) | SCG EG-T (2) | T (3) | SDGE (4) | SCG DGN (5) | Noncore T | NCCI-T (6) | (7) | Noncore T | Trans \$000 | |
| Total Allocated Base Margin w/SI, FFU w/o FAR, TLS | \$9,936 | \$33,758 | | \$5,111 | \$1,661 | \$50,466 | \$118 | \$2,454 | \$2,573 | \$53,039 | |
| Other Operating Costs and Revenues | \$1,411 | \$3,833 | | \$362 | \$173 | \$5,779 | \$241 | \$5,929 | \$6,169 | \$11,948 | |
| Regulatory Accounts | \$5,312 | \$30,988 | | \$1,260 | \$513 | \$38,072 | \$200 | \$5,468 | \$5,668 | \$43,740 | |
| less CSITMA adder costs | (\$1,935) | \$0 | | \$0 | \$0 | (\$1,935) | (\$56) | \$0 | (\$56) | (\$1,991) | |
| Core Interstate Pipeline Demand Charges (IPDC) | \$0 | \$0 | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| Transport Rev Req w/o BBT, w/ FFU \$000/yr | \$14,724 | \$68,579 | \$0 | \$6,732 | \$2,347 | \$92,383 | \$503 | \$13,851 | \$14,355 | \$106,737 | |
| EOR Credit to Ratepayers \$000 | (\$72) | (\$246) | | (\$37) | (\$12) | (\$368) | \$0 | \$0 | \$0 | (\$368) | |
| Removal of Costs from EOR Class \$000 | \$46 | \$155 | | \$24 | \$8 | \$232 | \$0 | \$0 | \$0 | \$232 | |
| Gas Engine Rate CAP adjustment | \$0 | \$0 | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| Total Rev Req w/SI, FFU w/o FAR, SW, TLS | \$14,698 | \$68,489 | | \$6,719 | \$2,342 | \$92,247 | \$503 | \$13,851 | \$14,355 | \$106,602 | |
| Less: AB32 Admin Fees | (\$635) | (\$643) | | \$0 | \$0 | (\$1,277) | (\$15) | (\$33) | (\$48) | (\$1,325) | |
| Less: GHG Fees | \$0 | \$0 | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| Total Rev Req w/SI, w/ FFU w/o BTS, SW, TLS, w/o Adders | \$14,063 | \$67,846 | \$0 | \$6,719 | \$2,342 | \$90,970 | \$489 | \$13,818 | \$14,307 | \$105,276 | |
| AYTP of TLS customers Mth/yr (8) | 626,080 | 2,246,336 | | 242,967 | 116,299 | 3,231,682 | 17,569 | 461,363 | 478,932 | 3,710,614 | |
| average TLS rate \$/th | | | | | | | | | | \$0.02837 | |
| Remove FFU: | | | | | | | | | | | |
| FFU Rate (9) | 101.74% | 101.74% | | 101.43% | 101.43% | | 102.29% | 102.29% | | | |
| Allocated Base Margin w/oFFU Total Rev Req w/SI, w/o FFU, FAR, SW, TLS w/o Adders | \$9,766 \$13,823 | \$33,182 \$66,687 | | \$5,039 \$6,624 | \$1,638 \$2,309 | \$49,625 \$89,443 | \$116 \$478 | \$2,399 \$13,508 | \$2,515 \$13,986 | \$52,140 \$103,429 | |

#2 Calculation of Class Average TLS rate & Revenue w/FFU & w/o CARB & GHG Adders:

| | | | | SCG Whole | | | | | Total | |
|--|-----------|--------------|----------|-----------|-------------|-----------|------------|-----------|-----------|-------------|
| | SCG NCCI | • | SCG EOR- | Sale Excl | | Total SCG | SDGE | SDGE EG-T | SDGE | Total SEU |
| | T (1) | SCG EG-T (2) | T (3) | SDGE (4) | SCG DGN (5) | Noncore T | NCCI-T (6) | (7) | Noncore T | Trans \$000 |
| Total Rev Req w/SI, FFU w/o FAR, SW, TLS | | | | | | | | | | \$106,602 |
| AYTP of TLS customers Mth/yr (8) | 626,080 | 2,246,336 | | 242,967 | 116,299 | 3,231,682 | 17,569 | 461,363 | 478,932 | 3,710,614 |
| average TLS rate \$/th | \$0.02873 | \$0.02873 | | \$0.02873 | \$0.02873 | \$0.02873 | \$0.02873 | \$0.02873 | \$0.02873 | \$0.02873 |
| Total Rev Req w/SI, FFU w/o FAR, SW, TLS | \$17,987 | \$64,535 | | \$6,980 | \$3,341 | \$92,842 | \$505 | \$13,254 | \$13,759 | \$106,602 |
| allocated costs excl CARB & GHG | | | | | | | | | | \$105,276 |
| AYTP of TLS customers Mth/yr (8) | 626,080 | 2,246,336 | | 242,967 | 116,299 | 3,231,682 | 17,569 | 461,363 | 478,932 | 3,710,614 |
| Class Average rate w/o CARB & GHG adders | \$0.02837 | \$0.02837 | | \$0.02837 | \$0.02837 | \$0.02837 | \$0.02837 | \$0.02837 | \$0.02837 | \$0.02837 |
| | \$17,763 | \$63,732 | | \$6,893 | \$3,300 | \$91,688 | \$498 | \$13,090 | \$13,588 | \$105,276 |
| Class Average: | | | | | | | | | | |
| allocated cost excl CARB & GHG | \$17,763 | \$63,732 | | \$6,893 | \$3,300 | \$91,688 | \$498 | \$13,090 | \$13,588 | \$105,276 |
| AYTP of TLS customers Mth/yr (8) | 626,080 | 2,246,336 | | 242,967 | 116,299 | 3,231,682 | 17,569 | 461,363 | 478,932 | 3,710,614 |
| class average TLS | \$0.02837 | \$0.02837 | | \$0.02837 | \$0.02837 | \$0.02837 | \$0.02837 | \$0.02837 | \$0.02837 | \$0.02837 |
| Pre-SW TLS | \$14,063 | \$67,846 | | \$6,719 | \$2,342 | \$90,970 | \$489 | \$13,818 | \$14,307 | \$105,276 |
| Post SW TLS | \$17,763 | \$63,732 | | \$6,893 | \$3,300 | \$91,688 | \$498 | \$13,090 | \$13,588 | \$105,276 |
| SW TLS Adjustment | \$3,700 | (\$4,113) | | \$175 | \$957 | \$719 | \$10 | (\$728) | (\$719) | (\$0) |

| | SCG NCCI- | | SCG EOR- | SCG Whole Sale Excl | | Total SCG | SDGE | SDGE EG-T | Total SDGE | Total SEU |
|--|-----------|--------------|-----------|---------------------|-------------|-----------|------------|-----------|---------------|-------------|
| #2a Calculate Usage Rate CA Rate | T (1) | SCG EG-T (2) | T (3) | SDGE (4) | SCG DGN (5) | Noncore T | NCCI-T (6) | (7) | Noncore T | Trans \$000 |
| Usage Rate for CA = all NonBaseMargin costs / AYTP | | | | | | | | | | |
| Total Rev Req w/SI, w/o FFU, FAR, SW, TLS | | | | | | | | | | \$103,429 |
| less Allocated Base Margin w/o FFU | | | | | | | | | | (\$52,140) |
| NonBaseMargin items Only w/o FFU \$000 | | | | | | | | | | \$51,289 |
| AYTP of TLS customers Mth/yr (8) | 626,080 | 2,246,336 | | 242,967 | 116,299 | 3,231,682 | 17,569 | 461,363 | 478,932 | 3,710,614 |
| Usage Rate for NonBase Margin Items w/o FFU \$/th | \$0.01382 | \$0.01382 | | \$0.01382 | \$0.01382 | | \$0.01382 | \$0.01382 | | \$0.01382 |
| Usage Rate NonBase Margin Items w/ FFU \$/th | \$0.01406 | \$0.01406 | \$0.01406 | \$0.01402 | \$0.01402 | | \$0.01414 | \$0.01414 | | |

| | | | | SCG Whole | | | | | Total | |
|----------------------------------|-----------|--------------|----------|-----------|-------------|-----------|------------|-----------|-----------|-------------|
| | SCG NCCI- | | SCG EOR- | Sale Excl | | Total SCG | SDGE | SDGE EG-T | SDGE | Total SEU |
| #2b Calculate Usage Rate RS Rate | T (1) | SCG EG-T (2) | T (3) | SDGE (4) | SCG DGN (5) | Noncore T | NCCI-T (6) | (7) | Noncore T | Trans \$000 |

Usage Rate for RS = (all NonBaseMargin costs) / AYTP Calculation of Usage Rate for RS: Total Rev Req w/SI, w/o FFU, FAR, SW, TLS \$103,429 less Allocated Base Margin w/o FFU (\$52,140) less Allocated ITBA Base Margin w/o FFU \$0 NonBaseMargin items Only w/o FFU \$000 \$51,289 AYTP of TLS customers Mth/yr (8) 626,080 2,246,336 242,967 116,299 17,569 461,363 478,932 3,231,682 3,710,614 \$0.01382 \$0.01382 Usage Rate for NonBase Margin Items w/o FFU \$/th \$0.01382 \$0.01382 \$0.01382 \$0.01382 \$0.01382 Usage Rate NonBase Margin Items w/ FFU \$/th \$0.01402 \$0.01406 \$0.01406 \$0.01406 \$0.01402 \$0.01414 \$0.01414

| | SCG NCCI- | | SCG EOR- | SCG Whole Sale Excl | | Total SCG | SDGE | SDGE EG-T | Total SDGE | Total SEU |
|---|-----------------|----------------|-------------|------------------------|-------------|-----------|------------|-----------|---------------|-----------|
| #3 Calculate TLS SFV Rate: | T (1) | SCG EG-T (2) | T (3) | SDGE (4) | SCG DGN (5) | | NCCI-T (6) | (7) | Noncore T | |
| Capacity used to determine reservation rate = noncore-T plus po | rtion of remain | ning capacity. | . , | | . , , | | | | | |
| Remaining capacity = system - core - noncore-D - noncore-T mul | | • | ncore-D+non | core-T) | | | | | | |
| System capacity mmcfd | , , , | | | , | | | | | | 6,000 |
| Mbtu/mcf | | | | | | | | | | 1,034 |
| System capacity Mth/day | | | | | | | | | | 62,056 |
| Core, Noncore Distribution & Noncore-T peak day demand: | | | | | | | | | | |
| SCG Core Mth/day: | | | | | | | | | | |
| average | | | | | | | | | | 3,043 |
| Mbtu/mcf | | | | | | | | | | 1,034 |
| SCG Core Mth/d | | | | | | | | | | 31,477 |
| SDGE Core Mth/day: | | | | | | | | | | |
| average | | | | | | | | | | 412 |
| Mbtu/mcf | | | | | | | | | | 1,040 |
| SCG Core Mth/d | | | | | | | | | | 4,286 |
| SCG Noncore Distribution Mth/day | | | | | | | | | | 4,051 |
| CDCE Nanagra Distribution Mth/day | | | | | | | | | | 265 |
| SDGE Noncore Distribution Mth/day NonCore-T Peak Day Demand Mth/day (8) | 2,005 | 7,463 | | 1,356 | 318 | 11 142 | 48 | 1,690 | 1,738 | 12,880 |
| Core, Noncore-D & Noncore-T Peak day demand Mth/day | 2,005 | 7,403 | | 1,330 | 310 | 11,142 | 40 | 1,090 | 1,730 | 52,960 |
| Portion of Remaining Capacity to be used: | | | | | | | | | | 32,300 |
| System capacity Mth/day | | | | | | | | | | 62,056 |
| Core & Noncore Distribution capacity Mth/day | | | | | | | | | | 52,960 |
| remaining capacity Mth/day | | | | | | | | | | 9,096 |
| % of remaining capacity to be used to set reservation rate: | | | | | | | | | | |
| NonCore-T Peak Day Demand Mth/day | | | | | | | | | | 12,880 |
| Core & Noncore Distribution capacity Mth/day | | | | | | | | | | 52,960 |
| % to be used to set reservation rate | | | | | | | | | | 24% |
| amount of remaining capacity to be used to set reservation | rate Mth/day | | | | | | | | | 2,212 |
| Capacity used to set reservation rate: | | | | | | | | | | |
| NonCore-T Peak Day Demand Mth/day | | | | | | | | | | 12,880 |
| amount of remaining capacity to be used to set reservation rate | Mth/day | | | | | | | | | 2,212 |
| Capacity used to set reservation rate Mth/day | | | | | | | | | | 15,093 |
| Total Allocated Base Margin w/SI, w/o FFU, FAR, TLS \$000 | | | | | | | | | | \$52,140 |
| SEU TLS SFV Rate w/o FFU \$/th/day | | | | | | | | | | \$0.00946 |
| FFU Rate (9) | 101.74% | 101.74% | | 101.43% | 101.43% | | 102.29% | 102.29% | | |
| SEU TLS SFV Rate w/ FFU \$/th/day | \$0.00963 | \$0.00963 | \$0.00963 | \$0.00960 | \$0.00960 | | \$0.00968 | \$0.00968 | | |

#4 Calculate Class Average Volumetric Rate

| | SCG Whole | | | | | Total | | | | |
|---|-----------|--------------|-----------|-----------|-------------|-----------|------------|-----------|-----------|-------------|
| | SCG NCCI- | | SCG EOR- | Sale Excl | | Total SCG | SDGE | SDGE EG-T | SDGE | Total SEU |
| | T (1) | SCG EG-T (2) | T (3) | SDGE (4) | SCG DGN (5) | Noncore T | NCCI-T (6) | (7) | Noncore T | Trans \$000 |
| Total Allocated Base Margin w/SI, w/o FFU, FAR, TLS \$000 | | | | | | | | | | \$52,140 |
| Total AYTP of TLS customers Mth/yr | | | | | | | | | | 3,710,614 |
| SEU TLS Long Term Volumetric Rate w/o FFU \$/th | | | | | | | | | | \$0.01405 |
| FFU Rate (9) | 101.74% | 101.74% | | 101.43% | 101.43% | | 102.29% | 102.29% | | |
| TLS Class Average Volumetric Rate w/ FFU \$/th | \$0.01430 | \$0.01430 | \$0.01430 | \$0.01425 | \$0.01425 | | \$0.01437 | \$0.01437 | | |

#5 Calculate 115% & 135% Volumetric Rates

| | | | | | SCG Whole | | | | | Total | |
|---|--------|-----------|--------------|-----------|-----------|-------------|-----------|------------|-----------|-----------|-------------|
| | | SCG NCCI- | • | SCG EOR- | Sale Excl | | Total SCG | SDGE | SDGE EG-T | SDGE | Total SEU |
| | | T (1) | SCG EG-T (2) | T (3) | SDGE (4) | SCG DGN (5) | Noncore T | NCCI-T (6) | (7) | Noncore T | Trans \$000 |
| Class Average Volumetric Rate \$/th w/FFU | | \$0.01430 | \$0.01430 | \$0.01430 | \$0.01425 | \$0.01425 | | \$0.01437 | \$0.01437 | | |
| Usage Rate \$/th | | \$0.01406 | \$0.01406 | \$0.01406 | \$0.01402 | \$0.01402 | | \$0.01414 | \$0.01414 | | |
| Class Average Volumetric Rate \$/th w/FFU | | \$0.02836 | \$0.02836 | \$0.02836 | \$0.02827 | \$0.02827 | | \$0.02851 | \$0.02851 | | |
| % of Class Average Vol \$/th w/FFU | 115.0% | \$0.03261 | \$0.03261 | \$0.03261 | \$0.03251 | \$0.03251 | | \$0.03279 | \$0.03279 | | |
| % of Class Average Vol \$/th w/FFU | 135.0% | \$0.03828 | \$0.03828 | \$0.03828 | \$0.03817 | \$0.03817 | | \$0.03849 | \$0.03849 | | |

(9) SCG FFU = Misc Input; SDGE FFU = RUN

Source

| (1) | NCCI-T : | NCCI | Detail | Alloc |
|-----|----------|------------------------|--------|-------|
|-----|----------|------------------------|--------|-------|

⁽²⁾ EG-T = EG Detail Alloc

(3) EOR-T = n/a

⁽⁴⁾ Wholesale excluding SDGE = Cost Alloc

⁽⁵⁾ DGN = Cost Alloc

⁽⁶⁾ SDGE NCCI-T = NCCI-T Detail Alloc in SDGE model

⁽⁷⁾ SDGE EG-T = EG-T Detail Alloc in SDGE model

⁽⁸⁾ Alloc Factors/SDGE RD Model Alloc Factors

| | | | Total TLS | Average TLS | Total TLS | |
|-----------------------|------------|--------------------|-----------|-------------|-----------|-----------------------|
| | # Cust (1) | Total TLS Mdth/ yr | Mth/yr | Rate \$/th | Revenue | Source |
| SCG: | | | | | | |
| EG-T Tier 1 | 14 | 916.6 | 9,166 | \$0.02837 | \$260 | Aloc Factors |
| EG-T Tier 2 | 37 | 223,717.0 | 2,237,170 | \$0.02837 | \$63,472 | EG-Detail Alloc |
| EOR-T | 11 | 5,718.4 | 57,184 | \$0.02837 | \$1,622 | Aloc Factors |
| NCCI-T | 30 | 62,608.0 | 626,080 | \$0.02837 | \$17,763 | Aloc Factors |
| DGN | 1 | 11,629.9 | 116,299 | \$0.02837 | \$3,300 | Aloc Factors |
| Vernon | 1 | 9,689.0 | 96,890 | \$0.02837 | \$2,749 | Aloc Factors |
| Long Beach | 1 | 7,964.6 | 79,646 | \$0.02837 | \$2,260 | Aloc Factors |
| SWG | 1 | 6,643.1 | 66,431 | \$0.02837 | \$1,885 | Aloc Factors |
| SCG Total Incl EOR | 96 | 328,886.6 | 3,288,866 | \$0.02837 | \$93,311 | _ |
| SCG Total Exclude EOR | 85 | 323,168.2 | 3,231,682 | \$0.02837 | \$91,688 | |
| SDGE: | | | | | | |
| NCCI-T | 9 | 1,756.9 | 17,569 | \$0.02837 | \$498 | SDGE RD-Alloc Factors |
| EG-T Tier 1 | 3 | 507.4 | 5,074 | \$0.02837 | \$144 | SDGE RD-Alloc Factors |
| EG-T Tier 2 | 12 | 45,628.9 | 456,289 | \$0.02837 | \$12,946 | SDGE RD-Alloc Factors |
| SDGE Total | 24 | 47,893.2 | 478,932 | \$0.02837 | \$13,588 | - |
| SEU Total (ex EOR) | 109 | 371,061.4 | 3,710,614 | \$0.02837 | \$105,276 | _ _ |

#7 Verify Revenue Collections:

| Total TLS Costs TLS AYTP Mth/yr | \$105,276 3,710,614 |
|--|------------------------|
| Average TLS Rate \$/th | \$0.02837 |
| Calculation of average VOL rate w/FFU: | |
| Mth/yr | 3,710,614 |
| VOL Revenue w/FFU \$000 | \$53,039 |
| Avg Vol Rate w/FFU \$/th | \$0.01429 |
| Calculation of average Usage rate w/FFU: | |
| Mth/yr | 3,710,614 |
| VOL Usage Revenue w/FFU \$000 | \$52,237 |
| Avg Usage Rate w/FFU \$/th | \$0.01408 |
| | |

Calculation of average Reservation rate w/FFU:

Capacity Basis Mth/day 15,093 Reservation Costs w/FFU \$000 \$53,039

Avg Reservation Rate w/FFU \$/th/day

\$0.00963

| COST COMPONENTS \$000's | | | | Res | Core C&I | NR A/C | Gas Eng | NGV |
|---|-----------|-----------------------------------|---|--|--|--|---|--|
| Base Margin Costs: | | | | | | | | |
| Customer Cost w/o SA \$000 | | | | \$998,341 | \$115,497 | \$44 | \$2,981 | \$7,264 |
| Medium Pressure Distribution Costs | | | | \$469,705 | \$105,960 | \$12 | \$717 | \$2,545 |
| High Pressure Distribution Costs | | | | \$75,059 | \$21,949 | \$7 | \$257 | \$1,798 |
| Backbone Transmission Costs | | | | \$46,122 | \$18,422 | \$13 | \$355 | \$2,697 |
| Local Transmission Costs | | | | \$27,363 | \$8,059 | \$3 | \$98 | \$883 |
| Storage - Seasonal | | | | \$43,613 | \$8,881 | \$6 | \$151 | \$668 |
| Storage - Load Balancing | | | | \$6,903 | \$2,901 | \$2 | \$59 | \$445 |
| Storage - TBS | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Uncollectibles | | | | \$5,203 | \$865 | \$0 | \$14 | \$51 |
| NGV Compression Costs: | | | | \$0 | \$0 | \$0 | \$0 | \$2,440 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | \$1,672,310 | \$282,534 | \$87 | \$4,631 | \$18,791 |
| Less Backbone Transmission Costs | | | | (\$46,122) | (\$18,422) | (\$13) | (\$355) | (\$2,697) |
| Less Local Transmission Costs | | | | (\$27,363) | (\$8,059) | (\$3) | (\$98) | (\$883) |
| | | | | \$27,402 | \$8,070 | \$3 | \$98 | \$884 |
| Plus Local Transmission Costs w/SI, FFU Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | \$1,626,226 | \$264,123 | \$74 | \$4,276 | \$16,095 |
| Plus Local Transmission Costs w/SI, FFU Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | Amount to | \$1,626,226 | \$264,123 | \$74 | \$4,276 | \$16,095 |
| | | Add FFU Y | Amount to | \$1,626,226 | \$264,123 | \$74 | \$4,276 | \$16,095 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | Non-ECPT? | Add FFU Y or N? | Allocate (w/o | \$1,626,226 | \$264,123 | \$74 | \$4,276 | \$16,095 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | Non-ECPT? | | Allocate (w/o F&U) | | \$264,123 \$771 | \$74 \$1 | \$4,276 \$16 | \$16,095 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU Other Operating Costs and Revenues | Non-ECPT? | or N? | Allocate (w/o | \$1,626,226 \$1,835 | | <u> </u> | | |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a | Non-ECPT? | or N? | Allocate (w/o F&U) | | | <u> </u> | \$16 | |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) | Non-ECPT? | or N? | Allocate (w/o F&U) \$4,536 | \$1,835 | \$771 | \$1 | | \$118 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other | | or N? Y | Allocate (w/o F&U) \$4,536 \$817 | \$1,835 \$210 | \$771 \$88 \$85 | \$1 \$0 | \$16 \$2 \$2 | \$118 \$14 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI | Non-ECPT? | or N? Y Y N | Allocate (w/o F&U) \$4,536 \$817 \$801 | \$1,835 \$210 \$202 \$30,272 | \$771 \$88 \$85 \$1,499 | \$1 \$0 \$0 | \$16 \$2 \$2 \$5 | \$118 \$14 \$13 \$1 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions | | or N? Y N Y | Allocate (w/o F&U) \$4,536 \$817 \$801 \$31,235 \$118 | \$1,835 \$210 \$202 | \$771 \$88 \$85 | \$1 \$0 \$0 \$0 | \$16 \$2 \$2 | \$118 \$14 \$13 \$1 \$2 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues | Y | or N? Y N Y N | Allocate (w/o F&U) \$4,536 \$817 \$801 \$31,235 \$118 \$0 | \$1,835 \$210 \$202 \$30,272 \$32 | \$771 \$88 \$85 \$1,499 \$13 | \$1 \$0 \$0 \$0 \$0 \$0 \$0 | \$16 \$2 \$2 \$5 \$0 \$0 | \$118 \$14 \$13 \$1 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards | Y | or N? Y N Y N Y N Y | Allocate (w/o F&U) \$4,536 \$817 \$801 \$31,235 \$118 | \$1,835 \$210 \$202 \$30,272 \$32 \$0 \$0 | \$771 \$88 \$85 \$1,499 \$13 \$0 | \$1 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | \$16 \$2 \$2 \$5 \$0 | \$118 \$14 \$13 \$1 \$2 \$0 \$0 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues | Y | or N? Y N Y N Y N Y N Y N Y N Y Y | Allocate (w/o F&U) \$4,536 \$817 \$801 \$31,235 \$118 \$0 \$0 | \$1,835 \$210 \$202 \$30,272 \$32 \$0 | \$771 \$88 \$85 \$1,499 \$13 \$0 \$0 | \$1 \$0 \$0 \$0 \$0 \$0 \$0 | \$16 \$2 \$2 \$5 \$0 \$0 \$0 | \$118 \$14 \$13 \$1 \$2 \$0 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas | Y | or N? Y N Y N Y N Y N Y N Y N Y Y | Allocate (w/o F&U) \$4,536 \$817 \$801 \$31,235 \$118 \$0 \$0 | \$1,835 \$210 \$202 \$30,272 \$32 \$0 \$0 | \$771 \$88 \$85 \$1,499 \$13 \$0 \$0 | \$1 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | \$16 \$2 \$2 \$5 \$0 \$0 \$0 | \$118 \$14 \$13 \$1 \$2 \$0 \$0 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks | Y Y | or N? Y Y N Y N Y N Y Y | Allocate (w/o F&U) \$4,536 \$817 \$801 \$31,235 \$118 \$0 \$0 \$25,514 | \$1,835 \$210 \$202 \$30,272 \$32 \$0 \$0 \$12,357 | \$771 \$88 \$85 \$1,499 \$13 \$0 \$0 \$5,192 | \$1 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | \$16 \$2 \$2 \$5 \$0 \$0 \$0 \$105 | \$118 \$14 \$13 \$1 \$2 \$0 \$0 \$797 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Re | Y Y | or N? Y Y N Y N Y Y Y Y Y Y Y | Allocate (w/o F&U) \$4,536 \$817 \$801 \$31,235 \$118 \$0 \$0 \$25,514 | \$1,835 \$210 \$202 \$30,272 \$32 \$0 \$0 \$12,357 | \$771 \$88 \$85 \$1,499 \$13 \$0 \$0 \$5,192 | \$1 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | \$16 \$2 \$2 \$5 \$0 \$0 \$105 | \$118 \$14 \$13 \$1 \$2 \$0 \$0 \$797 \$6 \$0 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks | Y Y | or N? Y Y N Y N Y Y Y Y Y Y Y Y | Allocate (w/o F&U) \$4,536 \$817 \$801 \$31,235 \$118 \$0 \$0 \$25,514 \$327 \$0 | \$1,835 \$210 \$202 \$30,272 \$32 \$0 \$0 \$12,357 \$86 \$0 | \$771 \$88 \$85 \$1,499 \$13 \$0 \$0 \$5,192 \$36 \$0 | \$1 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | \$16 \$2 \$2 \$5 \$0 \$0 \$105 \$1 | \$118 \$14 \$13 \$1 \$2 \$0 \$0 \$797 |

| | | Non Core | | | | Total Retail | Long | |
|---|---|--|---|--|---|---|--|---|
| COST COMPONENTS \$000's | Total Core | C&I | EG Tier 1 | EG Tier 2 | EOR | Non Core | Beach | SDG&E |
| Base Margin Costs: | | | | | | | | |
| Customer Cost w/o SA \$000 | \$1,124,128 | \$15,085 | \$5,933 | \$6,261 | \$1,773 | \$29,052 | \$587 | \$840 |
| Medium Pressure Distribution Costs | \$578,938 | \$17,264 | \$2,815 | \$1,862 | \$60 | \$22,001 | \$0 | \$0 |
| High Pressure Distribution Costs | \$99,070 | \$12,760 | \$1,147 | \$3,147 | \$2,180 | \$19,234 | \$0 | \$0 |
| Backbone Transmission Costs | \$67,609 | \$26,262 | \$1,669 | \$44,304 | \$3,976 | \$76,210 | \$1,375 | \$22,202 |
| Local Transmission Costs | \$36,405 | \$8,488 | \$525 | \$15,384 | \$1,337 | \$25,733 | \$681 | \$9,587 |
| Storage - Seasonal | \$53,319 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,624 |
| Storage - Load Balancing | \$10,310 | \$4,324 | \$276 | \$7,316 | \$656 | \$12,572 | \$208 | \$3,548 |
| Storage - TBS | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Uncollectibles | \$6,133 | \$262 | \$38 | \$244 | \$0 | \$544 | \$0 | \$0 |
| NGV Compression Costs: | \$2,440 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$1,978,353 | \$84,445 | \$12,402 | \$78,517 | \$9,982 | \$185,346 | \$2,853 | \$42,800 |
| Less Backbone Transmission Costs | (\$67,609) | (\$26,262) | (\$1,669) | (\$44,304) | (\$3,976) | (\$76,210) | (\$1,375) | (\$22,202 |
| Less Local Transmission Costs | (\$36,405) | (\$8,488) | (\$525) | (\$15,384) | (\$1,337) | (\$25,733) | (\$681) | (\$9,587) |
| Plus Local Transmission Costs w/SI, FFU | \$36,456 | \$8,500 | \$525 | \$15,406 | \$1,339 | \$25,770 | \$682 | \$0 |
| | | | | | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$1,910,794 | \$58,195 | \$10,734 | \$34,235 | \$6,008 | \$109,172 | \$1,478 | \$11,01 |
| | \$1,910,794 | \$58,195 | \$10,734 | \$34,235 | \$6,008 | \$109,172 | \$1,478 | \$11,012 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) | \$1,910,794 \$2,741 | \$58,195 \$1,150 | \$10,734 \$62 | \$34,235 \$662 | \$6,008 | \$109,172 \$1,874 | \$1,478 \$0 | \$11,012 \$0 |
| Other Operating Costs and Revenues | | <u></u> | <u>- </u> | | | | | <u> </u> |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) | | <u></u> | <u>- </u> | | | | | |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a | \$2,741 | \$1,150 | \$62 | \$662 | \$0 | \$1,874 | \$0 | \$0 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other | \$2,741 \$313 | \$1,150 \$131 | \$62 \$8 | \$662 \$222 | \$0 \$20 | \$1,874 \$382 | \$0 \$6 | \$0 \$108 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing | \$2,741 \$313 \$302 | \$1,150 \$131 \$127 | \$62 \$8 \$8 | \$662 \$222 \$214 | \$0 \$20 \$19 | \$1,874 \$382 \$368 | \$0 \$6 \$6 | \$0 \$108 \$104 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI | \$2,741 \$313 \$302 \$31,778 | \$1,150 \$131 \$127 \$0 | \$62 \$8 \$8 \$0 | \$662 \$222 \$214 \$0 | \$0 \$20 \$19 \$0 | \$1,874 \$382 \$368 \$0 | \$0 \$6 \$6 \$0 | \$0 \$108 \$104 \$0 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions | \$2,741 \$313 \$302 \$31,778 \$47 | \$1,150 \$131 \$127 \$0 \$18 | \$62 \$8 \$8 \$0 \$1 | \$662 \$222 \$214 \$0 \$31 | \$0 \$20 \$19 \$0 \$0 | \$1,874 \$382 \$368 \$0 \$51 | \$0 \$6 \$6 \$0 \$1 | \$0 \$108 \$104 \$0 \$16 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues | \$2,741 \$313 \$302 \$31,778 \$47 \$0 | \$1,150 \$131 \$127 \$0 \$18 \$0 | \$62 \$8 \$8 \$0 \$1 \$0 | \$662 \$222 \$214 \$0 \$31 \$0 | \$0 \$20 \$19 \$0 \$0 \$0 | \$1,874 \$382 \$368 \$0 \$51 \$0 | \$0 \$6 \$6 \$0 \$1 \$0 | \$0 \$108 \$104 \$0 \$16 \$0 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards | \$2,741 \$313 \$302 \$31,778 \$47 \$0 \$0 | \$1,150 \$131 \$127 \$0 \$18 \$0 \$0 | \$62 \$8 \$8 \$0 \$1 \$0 \$0 | \$662 \$222 \$214 \$0 \$31 \$0 \$0 | \$0 \$20 \$19 \$0 \$0 \$0 \$0 | \$1,874 \$382 \$368 \$0 \$51 \$0 \$0 | \$0 \$6 \$6 \$0 \$1 \$0 \$0 | \$0 \$108 \$104 \$0 \$16 \$0 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas | \$2,741 \$313 \$302 \$31,778 \$47 \$0 \$0 | \$1,150 \$131 \$127 \$0 \$18 \$0 \$0 | \$62 \$8 \$8 \$0 \$1 \$0 \$0 | \$662 \$222 \$214 \$0 \$31 \$0 \$0 | \$0 \$20 \$19 \$0 \$0 \$0 \$0 | \$1,874 \$382 \$368 \$0 \$51 \$0 \$0 | \$0 \$6 \$6 \$0 \$1 \$0 \$0 | \$0 \$108 \$104 \$0 \$16 \$0 \$0 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a | \$2,741 \$313 \$302 \$31,778 \$47 \$0 \$0 \$18,455 | \$1,150 \$131 \$127 \$0 \$18 \$0 \$0 \$1,903 | \$62 \$8 \$8 \$0 \$1 \$0 \$0 \$121 | \$662 \$222 \$214 \$0 \$31 \$0 \$0 \$3,220 | \$0 \$20 \$19 \$0 \$0 \$0 \$0 \$0 \$284 | \$1,874 \$382 \$368 \$0 \$51 \$0 \$0 \$5,529 | \$0 \$6 \$6 \$0 \$1 \$0 \$0 \$91 | \$0 \$108 \$104 \$0 \$16 \$0 \$0 \$1,557 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks | \$2,741 \$313 \$302 \$31,778 \$47 \$0 \$0 \$18,455 | \$1,150 \$131 \$127 \$0 \$18 \$0 \$0 \$1,903 | \$62 \$8 \$8 \$0 \$1 \$0 \$0 \$121 | \$662 \$222 \$214 \$0 \$31 \$0 \$0 \$3,220 | \$0 \$20 \$19 \$0 \$0 \$0 \$0 \$284 | \$1,874 \$382 \$368 \$0 \$51 \$0 \$0 \$5,529 | \$0 \$6 \$6 \$0 \$1 \$0 \$91 | \$0 \$108 \$104 \$0 \$16 \$0 \$0 \$1,557 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requirer | \$2,741 \$313 \$302 \$31,778 \$47 \$0 \$0 \$18,455 \$128 \$0 | \$1,150 \$131 \$127 \$0 \$18 \$0 \$0 \$1,903 \$54 \$0 | \$62 \$8 \$8 \$0 \$1 \$0 \$0 \$121 \$3 \$0 | \$662 \$222 \$214 \$0 \$31 \$0 \$0 \$3,220 \$91 \$0 | \$0 \$20 \$19 \$0 \$0 \$0 \$0 \$284 | \$1,874 \$382 \$368 \$0 \$51 \$0 \$0 \$5,529 | \$0 \$6 \$6 \$0 \$1 \$0 \$91 \$3 \$0 | \$108 \$104 \$0 \$16 \$0 \$0 \$1,557 |

| COST COMPONENTS \$000's | Sout West Gas | Vernon | Total Whole sale | DGN | TBS | Total Non Core | Total System \$000 | |
|---|------------------|-----------|---------------------|-----------|----------|-------------------|-----------------------|---------------------|
| Base Margin Costs: | | | | | | | | |
| Customer Cost w/o SA \$000 | \$595 | \$385 | \$2,408 | \$179 | \$0 | \$31,639 | \$1,155,766 | |
| Medium Pressure Distribution Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$22,001 | \$600,939 | |
| High Pressure Distribution Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$19,234 | \$118,304 | |
| Backbone Transmission Costs | \$1,129 | \$1,633 | \$26,339 | \$1,569 | \$0 | \$104,118 | \$171,727 | |
| Local Transmission Costs | \$720 | \$556 | \$11,545 | \$522 | \$0 | \$37,800 | \$74,206 | |
| Storage - Seasonal | \$0 | \$0 | \$6,624 | \$0 | \$0 | \$6,624 | \$59,943 | |
| Storage - Load Balancing | \$185 | \$270 | \$4,212 | \$259 | \$0 | \$17,043 | \$27,353 | |
| Storage - TBS | \$0 | \$0 | \$0 | \$0 | \$23,290 | \$23,290 | \$23,290 | |
| Uncollectibles | \$0 | \$0 | \$0 | \$0 | \$0 | \$544 | \$6,677 | |
| NGV Compression Costs: | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,440 | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$2,630 | \$2,844 | \$51,127 | \$2,529 | \$23,290 | \$262,293 | \$2,240,645 | |
| Less Backbone Transmission Costs | (\$1,129) | (\$1,633) | (\$26,339) | (\$1,569) | \$0 | (\$104,118) | (\$171,727) | |
| Less Local Transmission Costs | (\$720) | (\$556) | (\$11,545) | (\$522) | \$0 | (\$37,800) | (\$74,206) | |
| Plus Local Transmission Costs w/SI, FFU | \$722 | \$557 | \$1,961 | \$523 | \$0 | \$28,253 | \$64,710 | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$1,502 | \$1,212 | \$15,204 | \$961 | \$23,290 | \$148,628 | \$2,059,422 | |
| Other Operating Costs and Revenues | | | | | | | | F&U Amount \$000 |
| AB32 Fees (subtracted from base margin and allocated here) | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,874 | \$4,615 | \$79 |
| n/a | | | | | | | | |
| Company Use Gas: Other | \$6 | \$8 | \$128 | \$8 | \$0 | \$517 | \$831 | \$13 |
| Company Use Gas: Storage Load Balancing | \$5 | \$8 | \$123 | \$8 | \$0 | \$499 | \$801 | \$0 |
| AMI | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$31,778 | \$543 |
| Exchange Revenues & Interutility Transactions | \$1 | \$1 | \$18 | \$1 | \$0 | \$70 | \$118 | \$0 |
| Fuel Cell Equipment Revenues | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Marketing: DSM Program Awards | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Unaccounted For (UAF) Gas | \$81 | \$118 | \$1,848 | \$114 | \$0 | \$7,491 | \$25,946 | \$432 |
| n/a | | | | | | | | |
| Well Incidents & Surface Leaks | \$2 | \$3 | \$52 | \$3 | \$0 | \$204 | \$332 | \$6 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requirer | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Subtotal Other Operating Costs and Revenues | \$95 | \$139 | \$2,170 | \$133 | \$0 | \$10,655 | \$64,420 | \$1,073 |

| COST COMPONENTS \$000's | Source | Allocation |
|---|----------|------------|
| Base Margin Costs: | | |
| Customer Cost w/o SA \$000 | CA Model | |
| Medium Pressure Distribution Costs | CA Model | |
| High Pressure Distribution Costs | CA Model | |
| Backbone Transmission Costs | CA Model | |
| Local Transmission Costs | CA Model | |
| Storage - Seasonal | CA Model | |
| Storage - Load Balancing | CA Model | |
| Storage - TBS | CA Model | |
| Uncollectibles | CA Model | |
| NGV Compression Costs: | CA Model | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | |
| Less Backbone Transmission Costs | | |
| Less Local Transmission Costs | | |
| Plus Local Transmission Costs w/SI, FFU | SI & FAR | |

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

| | Total Allocated | | |
|---|-----------------|---------------------|--|
| Other Operating Costs and Revenues | \$000 | | |
| AB32 Fees (subtracted from base margin and allocated here) | \$4,536 | Misc Input | ECPT AB32 Fee Non-Exempt |
| n/a | | | |
| Company Use Gas: Other | \$817 | Misc Input | ECPT Incl EOR |
| Company Use Gas: Storage Load Balancing | \$801 | Misc Input | ECPT Incl EOR |
| AMI | \$31,235 | AMI Decision | Core Avg Meter Count 2009-2015 |
| Exchange Revenues & Interutility Transactions | \$118 | Deamnd FC 1/14/2008 | CYTP ExEOR |
| Fuel Cell Equipment Revenues | \$0 | Mkt Dept 1/22/2008 | EPAM ExEOR |
| Marketing: DSM Program Awards | \$0 | 2008RD Model | Core ECPT |
| Unaccounted For (UAF) Gas | \$25,514 | Misc Input | Method - 71% core @ ECPT / 29% noncore @ ECPT (|
| n/a | | | |
| Well Incidents & Surface Leaks | \$327 | Misc Input | Allocate Core=Storage Inv NonCore=LB Inv=ECPT Ex |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requirer | \$0 | Misc Input | ECPT ExEOR |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | Misc Input | ECPT GHG Fee Non-Exempt |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | Misc Input | Method - 71% core @ ECPT / 29% noncore @ ECPT (|
| Subtotal Other Operating Costs and Revenues | \$63,348 | | |

Allocation %

| | T-1-1 | | 0 | | | | T-1-1 | Non | EG <3 | EG>=3 | |
|------------------------------------|--------|-------|------|--------|---------|-----|-------|------|-------|-------|-----|
| | Total | | Core | | | | Total | Core | mmth | mmth | |
| COST COMPONENTS \$000's | System | Resid | C&I | NR A/C | Gas Eng | NGV | Core | C&I | /yr | /yr | EOR |
| Base Margin Costs: | | | | | | | | | | | |
| Customer Cost w/o SA \$000 | | | | | | | | | | | |
| Medium Pressure Distribution Costs | | | | | | | | | | | |
| High Pressure Distribution Costs | | | | | | | | | | | |
| Backbone Transmission Costs | | | | | | | | | | | |
| Local Transmission Costs | | | | | | | | | | | |
| Storage - Seasonal | | | | | | | | | | | |
| Storage - Load Balancing | | | | | | | | | | | |
| Storage - TBS | | | | | | | | | | | |
| Uncollectibles | | | | | | | | | | | |
| NGV Compression Costs: | | | | | | | | | | | |

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU

Less Backbone Transmission Costs

Less Local Transmission Costs

Plus Local Transmission Costs w/SI, FFU

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

| Other Operating Costs and Revenues | | | | | | | | | | | |
|---|--------|-------|-------|------|------|------|--------|-------|------|-------|------|
| AB32 Fees (subtracted from base margin and allocated here) | 100.0% | 39.8% | 16.7% | 0.0% | 0.3% | 2.6% | 59.4% | 24.9% | 1.4% | 14.3% | 0.0% |
| n/a | | | | | | | | | | | |
| Company Use Gas: Other | 100.0% | 25.2% | 10.6% | 0.0% | 0.2% | 1.6% | 37.7% | 15.8% | 1.0% | 26.7% | 2.4% |
| Company Use Gas: Storage Load Balancing | 100.0% | 25.2% | 10.6% | 0.0% | 0.2% | 1.6% | 37.7% | 15.8% | 1.0% | 26.7% | 2.4% |
| AMI | 100.0% | 95.3% | 4.7% | 0.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Exchange Revenues & Interutility Transactions | 100.0% | 27.5% | 11.0% | 0.0% | 0.2% | 1.6% | 40.3% | 15.7% | 1.0% | 26.4% | 0.0% |
| Fuel Cell Equipment Revenues | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| Marketing: DSM Program Awards | 100.0% | 67.0% | 28.1% | 0.0% | 0.6% | 4.3% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Unaccounted For (UAF) Gas | 100.0% | 47.6% | 20.0% | 0.0% | 0.4% | 3.1% | 71.1% | 7.3% | 0.5% | 12.4% | 1.1% |
| n/a | | | | | | | | | | | |
| Well Incidents & Surface Leaks | 100.0% | 25.9% | 10.9% | 0.0% | 0.2% | 1.7% | 38.6% | 16.2% | 1.0% | 27.4% | 0.0% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requirer | 100.0% | 25.9% | 10.9% | 0.0% | 0.2% | 1.7% | 38.6% | 16.2% | 1.0% | 27.4% | 0.0% |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | 100.0% | 58.0% | 24.4% | 0.0% | 0.5% | 3.7% | 86.6% | 10.3% | 1.9% | 1.2% | 0.0% |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | 100.0% | 47.6% | 20.0% | 0.0% | 0.4% | 3.1% | 71.1% | 7.3% | 0.5% | 12.4% | 1.1% |
| Subtotal Other Operating Costs and Revenues | 100.0% | 69.8% | 11.9% | 0.0% | 0.2% | 1.5% | 83.5% | 5.3% | 0.3% | 6.9% | 0.5% |

| | Total | | | | | | | | | |
|-------------------------|--------|-------|-------|------|--------|-------|-----|-----|-------|--|
| | Retail | | | Sout | | Total | | | Total | |
| | Non | Long | | West | | Whole | | | Non | |
| COST COMPONENTS \$000's | Core | Beach | SDG&E | Gas | Vernon | sale | DGN | TBS | Core | |

Base Margin Costs:

Customer Cost w/o SA \$000

Medium Pressure Distribution Costs

High Pressure Distribution Costs

Backbone Transmission Costs

Local Transmission Costs

Storage - Seasonal

Storage - Load Balancing

Storage - TBS

Uncollectibles

NGV Compression Costs:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU

Less Backbone Transmission Costs

Less Local Transmission Costs

Plus Local Transmission Costs w/SI, FFU

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

| Other Operating Costs and Revenues | | | | | | | | | |
|---|-------|------|-------|------|------|-------|------|------|-------|
| AB32 Fees (subtracted from base margin and allocated here) | 40.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 40.6% |
| n/a | | | | | | | | | |
| Company Use Gas: Other | 46.0% | 0.8% | 13.0% | 0.7% | 1.0% | 15.4% | 0.9% | 0.0% | 62.3% |
| Company Use Gas: Storage Load Balancing | 46.0% | 0.8% | 13.0% | 0.7% | 1.0% | 15.4% | 0.9% | 0.0% | 62.3% |
| AMI | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Exchange Revenues & Interutility Transactions | 43.1% | 0.8% | 13.2% | 0.7% | 1.0% | 15.7% | 0.9% | 0.0% | 59.7% |
| Fuel Cell Equipment Revenues | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| Marketing: DSM Program Awards | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Unaccounted For (UAF) Gas | 21.3% | 0.4% | 6.0% | 0.3% | 0.5% | 7.1% | 0.4% | 0.0% | 28.9% |
| n/a | | | | | | | | | |
| Well Incidents & Surface Leaks | 44.6% | 0.8% | 13.3% | 0.7% | 1.0% | 15.8% | 1.0% | 0.0% | 61.4% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requirer | 44.6% | 0.8% | 13.3% | 0.7% | 1.0% | 15.8% | 1.0% | 0.0% | 61.4% |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | 13.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 13.4% |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | 21.3% | 0.4% | 6.0% | 0.3% | 0.5% | 7.1% | 0.4% | 0.0% | 28.9% |
| Subtotal Other Operating Costs and Revenues | 13.0% | 0.2% | 2.8% | 0.1% | 0.2% | 3.4% | 0.2% | 0.0% | 16.5% |

NCCI Allocation

| | Total Allocated to | | | Total Allocated | d |
|--|--|---|---|---|---|
| COST COMPONENTS \$000's | NCCI | NCCI-D | NCCI-T | to NCCI | Allocation Method |
| Base Margin Costs: | | | | | |
| Customer Cost w/o SA \$000 | \$15,085 | \$14,167 | \$918 | \$15,085 | |
| Medium Pressure Distribution Costs | \$17,264 | \$17,264 | \$0 | \$17,264 | |
| High Pressure Distribution Costs | \$12,760 | \$12,760 | \$0 | \$12,760 | |
| Backbone Transmission Costs | \$26,262 | \$14,924 | \$11,338 | \$26,262 | |
| ocal Transmission Costs | \$8,488 | \$4,652 | \$3,836 | \$8,488 | |
| Storage - Seasonal | \$0 | \$0 | \$0 | \$0 | |
| Storage - Load Balancing | \$4,324 | \$2,452 | \$1,872 | \$4,324 | |
| Storage - TBS | \$0 | \$0 | \$0 | \$0 | |
| Uncollectibles | \$262 | \$206 | \$56 | \$262 | |
| NGV Compression Costs: | \$0 | \$0 | \$0 | \$0 | |
| otal Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$84,445 | \$66,425 | \$18,019 | \$84,445 | |
| Less Backbone Transmission Costs | (\$26,262) | (\$14,924) | (\$11,338) | (\$26,262) | |
| Less Local Transmission Costs | (\$8,488) | (\$4,652) | (\$3,836) | (\$8,488) | |
| | (, , , | (1 | , | , | |
| Plus Local Transmission Costs w/SI, FFU | \$8,500 | \$4,658 | \$3,841 | \$8,500 | % CYPM |
| | | | | | |
| | | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$58,195 | \$51,508 | \$6,687 | \$58,195 | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Other Operating Costs and Revenues Non-EC | PT? | | | | |
| | PT? \$1,150 | \$ 652 | \$498 | \$1,150 | % AYTP |
| AB32 Fees (subtracted from base margin and allocated here) | | \$652 \$0 | \$498 \$0 | \$1,150 \$0 | % AYTP % AYTP |
| AB32 Fees (subtracted from base margin and allocated here) n/a | \$1,150 | · · | • | | |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other | \$1,150 \$0 | \$0 | \$0 | \$0 | % AYTP |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing | \$1,150 \$0 \$131 | \$0 \$75 | \$0 \$57 | \$0 \$131 | % AYTP % AYTP |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Y | \$1,150 \$0 \$131 \$127 | \$0 \$75 \$72 | \$0 \$57 \$55 | \$0 \$131 \$127 | % AYTP % AYTP % AYTP |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions | \$1,150 \$0 \$131 \$127 \$0 \$18 | \$0 \$75 \$72 \$0 \$10 | \$0 \$57 \$55 \$0 \$8 | \$0 \$131 \$127 \$0 \$18 | % AYTP % AYTP % AYTP N/A % CYTP |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Y | \$1,150 \$0 \$131 \$127 \$0 \$18 \$0 | \$0 \$75 \$72 \$0 \$10 \$0 | \$0 \$57 \$55 \$0 \$8 \$0 | \$0 \$131 \$127 \$0 \$18 \$0 | % AYTP % AYTP % AYTP N/A % CYTP EPAM NonCore C8 |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Y Marketing: DSM Program Awards | \$1,150 \$0 \$131 \$127 \$0 \$18 \$0 \$0 | \$0 \$75 \$72 \$0 \$10 \$0 \$0 | \$0 \$57 \$55 \$0 \$8 \$0 \$0 | \$0 \$131 \$127 \$0 \$18 \$0 \$0 | % AYTP % AYTP % AYTP N/A % CYTP EPAM NonCore C8 % AYTP |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Y Marketing: DSM Program Awards Unaccounted For (UAF) Gas | \$1,150 \$0 \$131 \$127 \$0 \$18 \$0 \$0 \$1,903 | \$0 \$75 \$72 \$0 \$10 \$0 \$0 \$1,079 | \$0 \$57 \$55 \$0 \$8 \$0 \$0 \$8 | \$0 \$131 \$127 \$0 \$18 \$0 \$0 \$1,903 | % AYTP % AYTP % AYTP N/A % CYTP EPAM NonCore C8 % AYTP % AYTP |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Y Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a | \$1,150 \$0 \$131 \$127 \$0 \$18 \$0 \$0 \$1,903 \$0 | \$0 \$75 \$72 \$0 \$10 \$0 \$0 \$1,079 | \$0 \$57 \$55 \$0 \$8 \$0 \$0 \$824 \$0 | \$0 \$131 \$127 \$0 \$18 \$0 \$0 \$1,903 \$0 | % AYTP % AYTP % AYTP N/A % CYTP EPAM NonCore C& % AYTP % AYTP % AYTP |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Y Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Y Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks | \$1,150 \$0 \$131 \$127 \$0 \$18 \$0 \$0 \$1,903 \$0 \$54 | \$0 \$75 \$72 \$0 \$10 \$0 \$0 \$1,079 \$0 \$29 | \$0 \$57 \$55 \$0 \$8 \$0 \$0 \$824 \$0 \$24 | \$0 \$131 \$127 \$0 \$18 \$0 \$0 \$1,903 \$0 \$54 | % AYTP % AYTP % AYTP N/A % CYTP EPAM NonCore C8 % AYTP % AYTP % AYTP % AYTP % CYPM |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Y Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Y Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requirer | \$1,150 \$0 \$131 \$127 \$0 \$18 \$0 \$0 \$1,903 \$0 \$54 \$0 | \$0 \$75 \$72 \$0 \$10 \$0 \$0 \$1,079 \$0 \$29 \$0 | \$0 \$57 \$55 \$0 \$8 \$0 \$0 \$824 \$0 \$24 | \$0 \$131 \$127 \$0 \$18 \$0 \$0 \$1,903 \$0 \$54 \$0 | % AYTP % AYTP % AYTP N/A % CYTP EPAM NonCore C8 % AYTP % AYTP % AYTP % AYTP % CYPM % AYTP |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions | \$1,150 \$0 \$131 \$127 \$0 \$18 \$0 \$0 \$1,903 \$0 \$54 | \$0 \$75 \$72 \$0 \$10 \$0 \$0 \$1,079 \$0 \$29 | \$0 \$57 \$55 \$0 \$8 \$0 \$0 \$824 \$0 \$24 | \$0 \$131 \$127 \$0 \$18 \$0 \$0 \$1,903 \$0 \$54 | % AYTP % AYTP % AYTP N/A % CYTP EPAM NonCore C8 % AYTP % AYTP % AYTP % AYTP % CYPM |

EG Allocation

| | Alocation Factors | | | | | Separate Distribution from Transmission | | | | | |
|--|-------------------|------------|-------------|----------------------|----------------------------------|---|----------------------|--------------------|--|--|--|
| COST COMPONENTS \$000's | Total 0/ | | NCCI - T | Total Allocated to | Total Allocated to EG Tier 2 (1) | Total Allocated to EG | EG-D Tier 1 | EG-D Tier 2 | | | |
| Base Margin Costs: | Total % | | ' | EG Her i (i) | to EG Tiel 2 (1) | | i iei i | Hei Z | | | |
| Customer Cost w/o SA \$000 | | | | \$5,933 | \$6,261 | \$12,194 | \$5,520 | \$2,520 | | | |
| Medium Pressure Distribution Costs | | | | \$2,815 | \$1,862 | \$4,677 | \$2,815 | \$1,862 | | | |
| High Pressure Distribution Costs | | | | \$1,147 | \$3,147 | \$4,294 | \$1,147 | \$3,147 | | | |
| Backbone Transmission Costs | | | | \$1,669 | \$44,304 | \$45,973 | \$1,325 | \$3,569 | | | |
| Local Transmission Costs | | | | \$525 | \$15,384 | \$15,909 | \$418 | \$3,309 \$1,147 | | | |
| Storage - Seasonal | | | | \$0 | \$13,30 4 \$0 | \$13,909 | \$0 | \$0 | | | |
| Storage - Load Balancing | | | | \$276 | \$7,316 | \$7,591 | \$219 | \$589 | | | |
| Storage - TBS | | | | \$270 \$0 | \$7,310 \$0 | \$7,591 \$0 | \$0 | \$309 \$0 | | | |
| Uncollectibles | | | | \$38 | \$244 | \$282 | \$36 | \$40 | | | |
| NGV Compression Costs: | | | | \$38 \$0 | \$244 \$0 | \$202 \$0 | \$30 \$0 | \$40 \$0 | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | \$12,402 | \$78,517 | \$90,920 | \$11,479 | \$12,875 | | | |
| Less Backbone Transmission Costs | | | | | | | | | | | |
| Less Local Transmission Costs | | | | (\$1,669) (\$525) | (\$44,304) (\$15,384) | (\$45,973) (\$45,000) | (\$1,325) (\$418) | (\$3,569) | | | |
| Less Local Hallshinssion Costs | | | | (\$323) \$0 | (\$15,364) \$0 | (\$15,909) | (\$418) | (\$1,147) \$0 | | | |
| Plus Local Transmission Costs w/SI, FFU | 100% | 55% | 45% | ъυ \$525 | \$15,406 | \$0 \$15,931 | \$0 \$419 | ъо \$1,149 | | | |
| Tius Educat Transmission Costs W.O., TT O | 10076 | 33 76 | 4370 | ψ020 | Ψ13,400 | ψ13,931 | φ413 | ψ1,149 | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | \$10,734 | \$34,235 | \$44,969 | \$10,154 | \$9,308 | | | |
| Other Operating Costs and Revenues | | | | | | | | | | | |
| AB32 Fees (subtracted from base margin and allocated here) | 100% | 57% | 43% | \$62 | \$662 | \$724 | \$58 | \$156 | | | |
| n/a | 100% | 57% | 43% | \$0 | \$0 | \$0 | \$0 | \$0 | | | |
| Company Use Gas: Other | 100% | 57% | 43% | \$8 | \$222 | \$231 | \$7 | \$18 | | | |
| Company Use Gas: Storage Load Balancing | 100% | 57% | 43% | \$8 | \$214 | \$222 | \$6 | \$17 | | | |
| AMI | 0% | 0% | 0% | \$0 | \$0 | \$0 | \$0 | \$0 | | | |
| Exchange Revenues & Interutility Transactions | 100% | 57% | 43% | \$1 | \$31 | \$32 | \$1 | \$3 | | | |
| Fuel Cell Equipment Revenues | 100% | 89% | 11% | \$0 | \$0 | \$0 | \$0 | \$0 | | | |
| Marketing: DSM Program Awards | 100% | 57% | 43% | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | | | |
| | | 57% | 43% | · | | | | | | | |
| Unaccounted For (UAF) Gas | 100% 100% | 57% 57% | 43% 43% | \$121 \$0 | \$3,220 \$0 | \$3,341 \$0 | \$96 \$0 | \$259 \$0 | | | |
| ··· - | | | | · | | * - | | * - | | | |
| Well Incidents & Surface Leaks | 100% | 55% | 45% | \$3 | \$91 | \$94 | \$2 \$0 | \$7 \$0 | | | |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Require | | 57% | 43% | \$0 *** | \$0 \$0 | \$0 *** | \$0 \$0 | \$0 \$0 | | | |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | 100% | 81% | 19% | \$0 *** | \$0 \$0 | \$0 *** | \$0 *** | \$0 \$0 | | | |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | 100% | 57% | 43% | \$0 | \$0 | \$0 | \$0 | \$0 | | | |
| Subtotal Other Operating Costs and Revenues | | | | \$205 | \$4,441 | \$4,646 | \$170 | \$460 | | | |

| | | Total Allocated to | • | | EG-D Tier | EG-D |
|--|--|---|--|---|---|--|
| COST COMPONENTS \$000's | EG-T | EG | Allocation Method | Total % | 1 | Tier 2 |
| Base Margin Costs: | | | | | | |
| Customer Cost w/o SA \$000 | \$4,154 | \$12,194 | | | | |
| Medium Pressure Distribution Costs | \$0 | \$4,677 | | | | |
| High Pressure Distribution Costs | \$0 | \$4,294 | | | | |
| Backbone Transmission Costs | \$41,078 | \$45,973 | | | | |
| Local Transmission Costs | \$14,343 | \$15,909 | | | | |
| Storage - Seasonal | \$0 | \$0 | | | | |
| Storage - Load Balancing | \$6,783 | \$7,591 | | | | |
| Storage - TBS | \$0 | \$0 | | | | |
| Uncollectibles | \$207 | \$282 | | | | |
| NGV Compression Costs: | \$0 | \$0 | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$66,565 | \$90,920 | | | | |
| Less Backbone Transmission Costs | (\$41,078) | (\$45,973) | | | | |
| Less Local Transmission Costs | (\$14,343) | (\$15,909) | | | | |
| | \$0 | \$0 | %CYTP | 100% | 2.9% | 7.8% |
| Plus Local Transmission Costs w/SI, FFU | \$14,363 | \$15,931 | %CYPM | 100% | 2.6% | 7.2% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$25,507 | \$44,969 | | | | |
| Fotal Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$25,507 | \$44,969 | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU Other Operating Costs and Revenues | \$25,507 | \$44,969 | | | | |
| | \$25,507 \$511 | \$44,969 \$724 | ECPT excluding exempt EG | 100% | 7.9% | 21.5% |
| Other Operating Costs and Revenues | . , | | ECPT excluding exempt EG %AYTP | 100% 100% | 7.9% 2.9% | |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) | \$511 | \$724 | | | | 7.8% |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a | \$511 \$0 | \$724 \$0 | %AYTP | 100% | 2.9% | 7.8% 7.8% |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other | \$511 \$0 \$206 | \$724 \$0 \$231 | %AYTP %AYTP | 100% 100% | 2.9% 2.9% | 7.8% 7.8% 7.8% |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing | \$511 \$0 \$206 \$199 | \$724 \$0 \$231 \$222 | %AYTP %AYTP %AYTP | 100% 100% 100% | 2.9% 2.9% 2.9% | 7.8% 7.8% 7.8% 0.0% |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI | \$511 \$0 \$206 \$199 \$0 | \$724 \$0 \$231 \$222 \$0 | %AYTP %AYTP %AYTP N/A | 100% 100% 100% 0% | 2.9% 2.9% 2.9% 0.0% | 7.8% 7.8% 7.8% 0.0% 7.8% |
| Dither Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions | \$511 \$0 \$206 \$199 \$0 \$29 | \$724 \$0 \$231 \$222 \$0 \$32 | %AYTP %AYTP %AYTP N/A %CYTP | 100% 100% 100% 0% 100% | 2.9% 2.9% 2.9% 0.0% 2.9% | 7.8% 7.8% 7.8% 0.0% 7.8% 20.7% |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards | \$511 \$0 \$206 \$199 \$0 \$29 \$0 | \$724 \$0 \$231 \$222 \$0 \$32 \$0 | %AYTP %AYTP %AYTP N/A %CYTP EPAM NonCore C&I | 100% 100% 100% 0% 100% 100% | 2.9% 2.9% 2.9% 0.0% 2.9% 22.6% | 7.8% 7.8% 7.8% 0.0% 7.8% 20.7% |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas | \$511 \$0 \$206 \$199 \$0 \$29 \$0 \$0 | \$724 \$0 \$231 \$222 \$0 \$32 \$0 \$0 | %AYTP %AYTP %AYTP N/A %CYTP EPAM NonCore C&I %AYTP | 100% 100% 100% 0% 100% 100% | 2.9% 2.9% 2.9% 0.0% 2.9% 22.6% 2.9% | 7.8% 7.8% 7.8% 0.0% 7.8% 20.79 7.8% 7.8% |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues | \$511 \$0 \$206 \$199 \$0 \$29 \$0 \$0 \$2,986 | \$724 \$0 \$231 \$222 \$0 \$32 \$0 \$0 \$0 \$3,341 | %AYTP %AYTP %AYTP N/A %CYTP EPAM NonCore C&I %AYTP %AYTP | 100% 100% 100% 0% 100% 100% 100% | 2.9% 2.9% 0.0% 2.9% 22.6% 2.9% | 7.8% 7.8% 7.8% 0.0% 7.8% 20.7% 7.8% 7.8% |
| Deter Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks | \$511 \$0 \$206 \$199 \$0 \$29 \$0 \$0 \$2,986 \$0 | \$724 \$0 \$231 \$222 \$0 \$32 \$0 \$0 \$3,341 \$0 | %AYTP %AYTP %AYTP N/A %CYTP EPAM NonCore C&I %AYTP %AYTP %AYTP | 100% 100% 100% 0% 100% 100% 100% 100% | 2.9% 2.9% 0.0% 2.9% 22.6% 2.9% 2.9% | 7.8% 7.8% 7.8% 0.0% 7.8% 20.79 7.8% 7.8% 7.8% |
| Dither Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requirer | \$511 \$0 \$206 \$199 \$0 \$29 \$0 \$0 \$2,986 \$0 \$85 | \$724 \$0 \$231 \$222 \$0 \$32 \$0 \$0 \$3,341 \$0 \$94 | %AYTP %AYTP %AYTP N/A %CYTP EPAM NonCore C&I %AYTP %AYTP %AYTP %AYTP %CYPM %AYTP | 100% 100% 100% 0% 100% 100% 100% 100% | 2.9% 2.9% 0.0% 2.9% 22.6% 2.9% 2.9% 2.9% 2.9% 2.9% | 7.8% 7.8% 7.8% 0.0% 7.8% 20.7% 7.8% 7.8% 7.8% 7.2% 7.8% |
| Deter Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks | \$511 \$0 \$206 \$199 \$0 \$29 \$0 \$0 \$2,986 \$0 \$85 \$0 | \$724 \$0 \$231 \$222 \$0 \$32 \$0 \$0 \$3,341 \$0 \$94 | %AYTP %AYTP %AYTP N/A %CYTP EPAM NonCore C&I %AYTP %AYTP %AYTP %AYTP %CYPM | 100% 100% 100% 0% 100% 100% 100% 100% 1 | 2.9% 2.9% 0.0% 2.9% 22.6% 2.9% 2.9% 2.9% 2.9% 2.9% | 21.5% 7.8% 7.8% 7.8% 0.0% 7.8% 7.8% 7.8% 7.2% 7.8% 19.6% 7.8% |

COST COMPONENTS \$000's

EG-T

Base Margin Costs:

Customer Cost w/o SA \$000

Medium Pressure Distribution Costs

High Pressure Distribution Costs

Backbone Transmission Costs

Local Transmission Costs

Storage - Seasonal

Storage - Load Balancing

Storage - TBS

Uncollectibles

NGV Compression Costs:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU

Less Backbone Transmission Costs

Less Local Transmission Costs

89.4%

Plus Local Transmission Costs w/SI, FFU

90.2%

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

Other Operating Costs and Revenues

| AB32 Fees (subtracted from base margin and allocated here) | 70.5% | |
|---|-------|--|
| n/a | 89.4% | |
| Company Use Gas: Other | 89.4% | |
| Company Use Gas: Storage Load Balancing | 89.4% | |
| AMI | 0.0% | |
| Exchange Revenues & Interutility Transactions | 89.4% | |
| Fuel Cell Equipment Revenues | 56.7% | |
| Marketing: DSM Program Awards | 89.4% | |
| Unaccounted For (UAF) Gas | 89.4% | |
| n/a | 89.4% | |
| Well Incidents & Surface Leaks | 90.2% | |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Requirer | 89.4% | |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | 30.9% | |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | 89.4% | |

Subtotal Other Operating Costs and Revenues

| COST COMPONENTS \$000's | | | | Res | Core C&I | NR A/C | Gas Eng | NGV |
|---|---|---|-----------|-----------|----------|--------|---------|--------|
| Regulatory Accounts | | | | | | | | |
| Affiliate Transfer Fee Account (ATFA) | Y | Υ | (\$157) | (\$128) | (\$21) | (\$0) | (\$0) | (\$1) |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | Y | Υ | (\$35) | (\$28) | (\$5) | (\$0) | (\$0) | (\$0) |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | | Υ | \$279 | \$74 | \$206 | \$0 | \$3 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | Y | N | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | | N | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | Y | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | Y | Υ | (\$204) | (\$166) | (\$27) | (\$0) | (\$0) | (\$2) |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account - Non NGV (CFCA) | | Υ | \$133,930 | \$95,352 | \$40,064 | \$30 | \$810 | \$0 |
| Core Fixed Cost Account - NGV (CFCA) | | Υ | \$824 | \$0 | \$0 | \$0 | \$0 | \$838 |
| On-Bill Financing Balancing Account (OBFBA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | | Υ | \$732 | \$0 | \$0 | \$0 | \$0 | \$0 |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | | Υ | \$13,625 | \$5,550 | \$3,107 | \$2 | \$64 | \$484 |
| Enhanced Oil Recovery Account (EORA) | Υ | Υ | (\$4,274) | (\$3,483) | (\$566) | (\$0) | (\$9) | (\$34) |
| Environmental Fee Balance Account EFBA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) | | Υ | \$5,653 | \$2,435 | \$717 | \$0 | \$9 | \$79 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cost-Recovery Account (HSCRA) | | Υ | \$1,372 | \$361 | \$152 | \$0 | \$3 | \$23 |
| Intervenor Award Memorandum Account (IAMA) | | Υ | \$1,069 | \$281 | \$118 | \$0 | \$2 | \$18 |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | Υ | Υ | \$220 | \$180 | \$29 | \$0 | \$0 | \$2 |
| PCB Expense Account (PCBEA) | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Master Meter Balancing Account (MMBA) | Υ | Υ | \$5,342 | \$4,353 | \$707 | \$0 | \$11 | \$43 |
| Montebello True-Up Tracking Account (MTTA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | | Υ | \$1,493 | \$604 | \$254 | \$0 | \$5 | \$39 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | Υ | Υ | \$138 | \$112 | \$18 | \$0 | \$0 | \$1 |
| Noncore Fixed Cost Account (NFCA) Margin | Υ | Υ | (\$4,023) | \$0 | \$0 | \$0 | \$0 | \$0 |
| Noncore Fixed Cost Account (NFCA) Nonmargin | | Υ | \$850 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Integrated Transmission Balancing Account (ITBA) Margin | | Υ | \$2,114 | \$681 | \$272 | \$0 | \$5 | \$40 |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | | Υ | \$1,670 | \$538 | \$215 | \$0 | \$4 | \$31 |

| COST COMPONENTS \$000's | Total Core | Non Core C&I | EG Tier 1 | EG Tier 2 | EOR | Total Retail Non Core | Long Beach | SDG&E |
|---|------------|-----------------|-------------|-----------|------------|--------------------------|---------------|------------|
| | | | | | | | | |
| Regulatory Accounts | | | | | | | | |
| Affiliate Transfer Fee Account (ATFA) | (\$150) | (\$5) | (\$1) | (\$3) | \$0 | (\$8) | (\$0) | (\$1) |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | (\$33) | (\$1) | (\$0) | (\$1) | \$0 | (\$2) | (\$0) | (\$0) |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | \$283 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | (\$195) | (\$6) | (\$1) | (\$3) | \$0 | (\$11) | (\$0) | (\$1) |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account - Non NGV (CFCA) | \$136,257 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account - NGV (CFCA) | \$838 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | \$0 | \$745 | \$0 | \$0 | \$0 | \$745 | \$0 | \$0 |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | \$9,207 | \$4,655 | \$0 | \$0 | \$0 | \$4,655 | \$0 | \$0 |
| Enhanced Oil Recovery Account (EORA) | (\$4,092) | (\$125) | (\$23) | (\$73) | \$0 | (\$221) | (\$3) | (\$24) |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) | \$3,240 | \$755 | \$47 | \$1,369 | \$117 | \$2,288 | \$60 | \$0 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cost-Recovery Account (HSCRA) | \$539 | \$226 | \$14 | \$383 | \$0 | \$623 | \$11 | \$185 |
| Intervenor Award Memorandum Account (IAMA) | \$420 | \$176 | \$11 | \$298 | \$0 | \$486 | \$8 | \$144 |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | \$211 | \$6 | \$ 1 | \$4 | \$0 | \$11 | \$0 | \$1 |
| PCB Expense Account (PCBEA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Master Meter Balancing Account (MMBA) | \$5.115 | \$156 | \$29 | \$92 | \$0 | \$276 | \$4 | \$29 |
| Montebello True-Up Tracking Account (MTTA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$902 | \$378 | \$21 | \$218 | \$0 | \$617 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$132 | \$4 | \$1 | \$2 | \$0 | \$7 | \$0 | \$1 |
| Noncore Fixed Cost Account (NFCA) Margin | \$0 | (\$1,996) | (\$368) | (\$1,174) | \$0 | (\$3,538) | (\$51) | (\$377) |
| Noncore Fixed Cost Account (NFCA) Nonmargin | \$0 | \$228 | \$15 | \$386 | \$0 | \$629 | \$11 | \$187 |
| Integrated Transmission Balancing Account (ITBA) Margin | \$999 | \$388 | \$25 | \$655 | \$0 | \$1,067 | \$20 | \$0 |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 \$0 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | \$789 | \$307 | \$19 | \$517 | \$0 \$0 | \$843 | \$16 | \$0 |
| Compressor Station 1 del and 1 ower balancing Account (Of 1 DA) | ΨίΟΟ | ΨΟΟΙ | ΨΙΟ | ΨΟΤΙ | ΨΟ | ΨΟ-ΤΟ | ΨΙΟ | ΨΟ |

| COST COMPONENTS \$000's | Sout West Gas | Vernon | Total Whole sale | DGN | TBS | Total Non Core | Total System \$000 | |
|---|-----------------------|-------------------|---------------------|---------------|-------------|-------------------|-----------------------------|---|
| Bandatan Assault | | | | | | | | |
| Regulatory Accounts | (\$0) | (C O) | (04) | (¢ 0) | ΦO | (# 0) | (# 4.00) | (# 0) |
| Affiliate Transfer Fee Account (ATFA) | (\$0) | (\$0) | (\$1) (\$0) | (\$0) | \$0 ©0 | (\$9) | (\$160) | (\$3) |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | (\$0) | (\$0) | (\$0) | (\$0) | \$0 ©0 | (\$2) | (\$36) | (\$1) ©0 |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 ©0 |
| Disconnect Memorandum Account (DMA) | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 | \$0 ¢5 |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 ©0 | \$0 \$0 | \$283 | \$5 \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 ©0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 ©0 | \$0 \$0 | \$0 \$0 | \$0 ©0 |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | \$0 (\$0) | \$0 (\$0) | \$0 (\$0) | \$0 (\$0) | \$0 ©0 | \$0 (\$40) | \$0 (\$00 7) | \$0 (\$4) |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | (\$0) | (\$0) | (\$2) | (\$0) | \$0 ©0 | (\$12) | (\$207) | (\$4) |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 ©0 | \$0 \$0 | \$0 | \$0 |
| Core Fixed Cost Account - Non NGV (CFCA) | \$0 | \$0 3 0 | \$0 \$0 | \$ 0 | \$0 | \$0 ••• | \$136,257 | \$2,326 |
| Core Fixed Cost Account - NGV (CFCA) | \$0 | \$0 3 0 | \$0 \$0 | \$ 0 | \$0 | \$ 0 | \$838 | \$14 |
| On-Bill Financing Balancing Account (OBFBA) | \$0 | \$ 0 | \$0 \$0 | \$0 | \$ 0 | \$0 | \$0 | \$0 ************************************ |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$745 | \$745 | \$13 |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,655 | \$13,862 | \$237 |
| Enhanced Oil Recovery Account (EORA) | (\$3) | (\$3) | (\$32) | (\$2) | \$0 | (\$255) | (\$4,348) | (\$74) |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) | \$64 | \$49 | \$174 | \$46 | \$0 | \$2,508 | \$5,749 | \$96 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cost-Recovery Account (HSCRA) | \$10 | \$14 | \$220 | \$14 | \$0 | \$856 | \$1,396 | \$23 |
| Intervenor Award Memorandum Account (IAMA) | \$8 | \$11 | \$171 | \$11 | \$0 | \$667 | \$1,087 | \$18 |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | \$0 | \$0 | \$2 | \$0 | \$0 | \$13 | \$224 | \$4 |
| PCB Expense Account (PCBEA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Master Meter Balancing Account (MMBA) | \$4 | \$3 | \$41 | \$3 | \$0 | \$319 | \$5,435 | \$93 |
| Montebello True-Up Tracking Account (MTTA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$617 | \$1,519 | \$26 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$0 | \$0 | \$1 | \$0 | \$0 | \$8 | \$140 | \$2 |
| Noncore Fixed Cost Account (NFCA) Margin | (\$51) | (\$41) | (\$520) | (\$33) | \$0 | (\$4,091) | (\$4,091) | (\$68) |
| Noncore Fixed Cost Account (NFCA) Nonmargin | \$10 | \$14 | \$222 | \$14 | \$0 | \$864 | \$864 | \$14 |
| Integrated Transmission Balancing Account (ITBA) Margin | \$17 | \$24 | \$61 | \$23 | \$0 | \$1,151 | \$2,150 | \$36 |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | \$13 | \$19 | \$48 | \$18 | \$0 | \$910 | \$1,699 | \$29 |

| Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) Disconnect Memorandum Account (DMA) FERC Settlement Proceeds Memorandum Account (FSPMA) General Rate Case Revenue Requirement Memorandum Account (GRCMA) GRCRRMA Sub allocation for AB32 Admin Fees DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) Seg. Acct Filing 10/2017 Reg. Acct Filing 10/2017 EPAM ExEOR | noncore revenue |
|---|--------------------|
| Affiliate Transfer Fee Account (ATFA) Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) Disconnect Memorandum Account (DMA) FERC Settlement Proceeds Memorandum Account (FSPMA) General Rate Case Revenue Requirement Memorandum Account (GRCMA) GRCRRMA Sub allocation for AB32 Admin Fees Biogas Conditioning/Upgrading 10/2017 Sepam ExEOR EPAM ExEOR EPAM, to be updated w/ % core- ECPT ExEOR 100% Reg. Acct Filing 10/2017 ECPT CAT Only FERC Settlement Proceeds Memorandum Account (FSPMA) Sepam ExEOR Reg. Acct Filing 10/2017 EPAM ExEOR GRCRRMA Sub allocation for AB32 Admin Fees Source Filing 10/2017 ECPT AB32 Fee Non-Exempt noncore revenue |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) (\$35) Reg. Acct Filing 10/2017 EPAM, to be updated w/ % core- Blythe Operational Flow Requirement Memorandum Account (BOFRMA) \$0 Reg. Acct Filing 10/2017 ECPT ExEOR Disconnect Memorandum Account (DMA) \$0 Reg. Acct Filing 10/2017 100% Residential FERC Settlement Proceeds Memorandum Account (FSPMA) \$279 Reg. Acct Filing 10/2017 ECPT CAT Only General Rate Case Revenue Requirement Memorandum Account (GRCMA) \$0 Reg. Acct Filing 10/2017 EPAM EXEOR GRCRRMA Sub allocation for AB32 Admin Fees \$0 Reg. Acct Filing 10/2017 ECPT AB32 Fee Non-Exempt DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) \$0 Reg. Acct Filing 10/2017 EPAM EXEOR | noncore revenue |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) Disconnect Memorandum Account (DMA) FERC Settlement Proceeds Memorandum Account (FSPMA) General Rate Case Revenue Requirement Memorandum Account (GRCMA) GRCRRMA Sub allocation for AB32 Admin Fees DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) \$0 Reg. Acct Filing 10/2017 ECPT CAT Only Reg. Acct Filing 10/2017 EPAM EXEOR Reg. Acct Filing 10/2017 ECPT AB32 Fee Non-Exempt BO Reg. Acct Filing 10/2017 ECPT AB32 Fee Non-Exempt BO Reg. Acct Filing 10/2017 EPAM EXEOR | |
| Disconnect Memorandum Account (DMA) FERC Settlement Proceeds Memorandum Account (FSPMA) General Rate Case Revenue Requirement Memorandum Account (GRCMA) GRCRRMA Sub allocation for AB32 Admin Fees DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) \$0 Reg. Acct Filing 10/2017 EPAM EXEOR Reg. Acct Filing 10/2017 ECPT AB32 Fee Non-Exempt BY Reg. Acct Filing 10/2017 EPAM EXEOR Reg. Acct Filing 10/2017 EPAM EXEOR | |
| FERC Settlement Proceeds Memorandum Account (FSPMA) General Rate Case Revenue Requirement Memorandum Account (GRCMA) GRCRRMA Sub allocation for AB32 Admin Fees DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) \$279 Reg. Acct Filing 10/2017 Reg. Acct Filing 10/2017 EPAM EXEOR Reg. Acct Filing 10/2017 ECPT CAT Only EPAM EXEOR Reg. Acct Filing 10/2017 EPAM EXEOR | |
| GRCRRMA Sub allocation for AB32 Admin Fees \$0 Reg. Acct Filing 10/2017 ECPT AB32 Fee Non-Exempt DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) \$0 Reg. Acct Filing 10/2017 EPAM EXEOR | |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) \$0 Reg. Acct Filing 10/2017 EPAM EXEOR | |
| · · · · · · · · · · · · · · · · · · · | |
| | |
| Distributed Energy Resources Svcs Bal Account (DERSBA) (\$204) Reg. Acct Filing 10/2017 EPAM ExEOR | |
| Firm Access & Storage Rights Memorandum Account (FARSMA) \$0 Reg. Acct Filing 10/2017 ECPT ExEOR | |
| Core Fixed Cost Account - Non NGV (CFCA) \$133,930 Reg. Acct Filing 10/2017 Core ECPT except NGV | |
| Core Fixed Cost Account - NGV (CFCA) \$824 Reg. Acct Filing 10/2017 NGV Only | |
| On-Bill Financing Balancing Account (OBFBA) \$0 Reg. Acct Filing 10/2017 EPAM ExEOR | |
| Economic Practicality Shortfall Memorandum Account (EPSMA) \$732 Reg. Acct Filing 10/2017 100% Noncore C&I | |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) \$13,625 Reg. Acct Filing 10/2017 ECPT ex CARE Participants & E | OR |
| Enhanced Oil Recovery Account (EORA) (\$4,274) Reg. Acct Filing 10/2017 EORA Allocation Factor | |
| Environmental Fee Balance Account EFBA \$0 Reg. Acct Filing 10/2017 ECPT AB32 Fee Non-Exempt | |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) \$0 Reg. Acct Filing 10/2017 EPAM ExEOR | |
| Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) \$5,653 Reg. Acct Filing 10/2017 CYPM System Excl. Wholesale | |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor \$0 Reg. Acct Filing 10/2017 ECPT ExEOR | |
| Green House Gas Balancing Account (GHGBA) - End User \$0 Reg. Acct Filing 10/2017 ECPT GHG Fee Non-Exempt | |
| Green House Gas Balancing Account (GHGBA) - LUAF \$0 Reg. Acct Filing 10/2017 Method - 71% core @ ECPT / 29 | % noncore @ ECPT (|
| Hazardous Substance Cost-Recovery Account (HSCRA) \$1,372 Reg. Acct Filing 10/2017 ECPT ExEOR | |
| Intervenor Award Memorandum Account (IAMA) \$1,069 Reg. Acct Filing 10/2017 ECPT ExEOR | |
| Gain / Loss on Sale Memorandum Account (GLOSMA) \$220 Reg. Acct Filing 10/2017 EPAM Excl EOR | |
| PCB Expense Account (PCBEA) \$0 Reg. Acct Filing 10/2017 ECPT ExEOR | |
| Master Meter Balancing Account (MMBA) \$5,342 Reg. Acct Filing 10/2017 EPAM Excl EOR | |
| Montebello True-Up Tracking Account (MTTA) \$0 Reg. Acct Filing 10/2017 MTTA Allocation Factor | |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount \$1,493 Reg. Acct Filing 10/2017 ECPT AB32 Fee Non-Exempt | |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount \$0 Reg. Acct Filing 10/2017 EPAM ExEOR | |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount \$138 Reg. Acct Filing 10/2017 EPAM ExEOR | |
| Noncore Fixed Cost Account (NFCA) Margin (\$4,023) Reg. Acct Filing 10/2017 NonCore EPAM ExEOR | |
| Noncore Fixed Cost Account (NFCA) Nonmargin \$850 Reg. Acct Filing 10/2017 NonCore ECPT ExEOR | |
| Integrated Transmission Balancing Account (ITBA) Margin \$2,114 Reg. Acct Filing 10/2017 CYTP Excl. EOR & SDG&E | |
| Integrated Transmission Balancing Account (ITBA) Nonmargin \$0 Reg. Acct Filing 10/2017 CYTP Excl. EOR & SDG&E | |
| Compressor Station Fuel and Power Balancing Account (CFPBA) \$1,670 Reg. Acct Filing 10/2017 CYTP Excl. EOR & SDG&E | |

Allocation %

| COST COMPONENTS \$000's | Total System | Resid | Core C&I | NR A/C | Gas Eng | NGV | Total Core | Non Core C&I | EG <3 mmth /yr | EG>=3 mmth /yr | EOR |
|---|-----------------|--------|-------------|--------|---------|--------|---------------|--------------------|----------------------|----------------------|------|
| Regulatory Accounts | | | | | | | | | | | |
| Affiliate Transfer Fee Account (ATFA) | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | 100.0% | 25.9% | 10.9% | 0.0% | 0.2% | 1.7% | 38.6% | 16.2% | 1.0% | 27.4% | 0.0% |
| Disconnect Memorandum Account (DMA) | 100.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | 100.0% | 26.3% | 72.8% | 0.0% | 0.9% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| GRCRRMA Sub allocation for AB32 Admin Fees | 100.0% | 39.8% | 16.7% | 0.0% | 0.3% | 2.6% | 59.4% | 24.9% | 1.4% | 14.3% | 0.0% |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | 100.0% | 25.9% | 10.9% | 0.0% | 0.2% | 1.7% | 38.6% | 16.2% | 1.0% | 27.4% | 0.0% |
| Core Fixed Cost Account - Non NGV (CFCA) | 100.0% | 70.0% | 29.4% | 0.0% | 0.6% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Core Fixed Cost Account - NGV (CFCA) | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| On-Bill Financing Balancing Account (OBFBA) | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | 100.0% | 40.0% | 22.4% | 0.0% | 0.5% | 3.5% | 66.4% | 33.6% | 0.0% | 0.0% | 0.0% |
| Enhanced Oil Recovery Account (EORA) | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| Environmental Fee Balance Account EFBA | 100.0% | 39.8% | 16.7% | 0.0% | 0.3% | 2.6% | 59.4% | 24.9% | 1.4% | 14.3% | 0.0% |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) | 100.0% | 42.3% | 12.5% | 0.0% | 0.2% | 1.4% | 56.3% | 13.1% | 0.8% | 23.8% | 2.1% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | 100.0% | 25.9% | 10.9% | 0.0% | 0.2% | 1.7% | 38.6% | 16.2% | 1.0% | 27.4% | 0.0% |
| Green House Gas Balancing Account (GHGBA) - End User | 100.0% | 58.0% | 24.4% | 0.0% | 0.5% | 3.7% | 86.6% | 10.3% | 1.9% | 1.2% | 0.0% |
| Green House Gas Balancing Account (GHGBA) - LUAF | 100.0% | 47.6% | 20.0% | 0.0% | 0.4% | 3.1% | 71.1% | 7.3% | 0.5% | 12.4% | 1.1% |
| Hazardous Substance Cost-Recovery Account (HSCRA) | 100.0% | 25.9% | 10.9% | 0.0% | 0.2% | 1.7% | 38.6% | 16.2% | 1.0% | 27.4% | 0.0% |
| Intervenor Award Memorandum Account (IAMA) | 100.0% | 25.9% | 10.9% | 0.0% | 0.2% | 1.7% | 38.6% | 16.2% | 1.0% | 27.4% | 0.0% |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| PCB Expense Account (PCBEA) | 100.0% | 25.9% | 10.9% | 0.0% | 0.2% | 1.7% | 38.6% | 16.2% | 1.0% | 27.4% | 0.0% |
| Master Meter Balancing Account (MMBA) | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| Montebello True-Up Tracking Account (MTTA) | 100.0% | 46.9% | 19.7% | 0.0% | 0.4% | 3.0% | 70.0% | 7.9% | 0.5% | 13.4% | 0.0% |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | 100.0% | 39.8% | 16.7% | 0.0% | 0.3% | 2.6% | 59.4% | 24.9% | 1.4% | 14.3% | 0.0% |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| Noncore Fixed Cost Account (NFCA) Margin | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 48.8% | 9.0% | 28.7% | 0.0% |
| Noncore Fixed Cost Account (NFCA) Nonmargin | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 26.4% | 1.7% | 44.6% | 0.0% |
| Integrated Transmission Balancing Account (ITBA) Margin | 100.0% | 31.7% | 12.7% | 0.0% | 0.2% | 1.9% | 46.5% | 18.0% | 1.1% | 30.4% | 0.0% |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | 100.0% | 31.7% | 12.7% | 0.0% | 0.2% | 1.9% | 46.5% | 18.0% | 1.1% | 30.4% | 0.0% |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | 100.0% | 31.7% | 12.7% | 0.0% | 0.2% | 1.9% | 46.5% | 18.0% | 1.1% | 30.4% | 0.0% |

| | Total Retail | | | Sout | | Total | | | Total |
|--|-----------------|-------|---------------|-------|--------|-------|-------|-------|--------|
| | Non | Long | | West | | Whole | | | Non |
| COST COMPONENTS \$000's | Core | Beach | SDG&E | Gas | Vernon | sale | DGN | TBS | Core |
| | | | | | | | | | |
| Regulatory Accounts | F 40/ | 0.40/ | 0.50/ | 0.40/ | 0.40/ | 0.70/ | 0.00/ | 0.00/ | 5.00/ |
| Affiliate Transfer Fee Account (ATFA) | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | 44.6% | 0.8% | 13.3% | 0.7% | 1.0% | 15.8% | 1.0% | 0.0% | 61.4% |
| Disconnect Memorandum Account (DMA) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| GRCRRMA Sub allocation for AB32 Admin Fees | 40.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 40.6% |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | 44.6% | 0.8% | 13.3% | 0.7% | 1.0% | 15.8% | 1.0% | 0.0% | 61.4% |
| Core Fixed Cost Account - Non NGV (CFCA) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Core Fixed Cost Account - NGV (CFCA) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| On-Bill Financing Balancing Account (OBFBA) | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | 33.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 33.6% |
| Enhanced Oil Recovery Account (EORA) | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| Environmental Fee Balance Account EFBA | 40.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 40.6% |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| ransmission Integrity Management Program Memorandum Account (TIMPBA - Local T) | 39.8% | 1.1% | 0.0% | 1.1% | 0.9% | 3.0% | 0.8% | 0.0% | 43.7% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | 44.6% | 0.8% | 13.3% | 0.7% | 1.0% | 15.8% | 1.0% | 0.0% | 61.4% |
| Green House Gas Balancing Account (GHGBA) - End User | 13.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 13.4% |
| Green House Gas Balancing Account (GHGBA) - LUAF | 21.3% | 0.4% | 6.0% | 0.3% | 0.5% | 7.1% | 0.4% | 0.0% | 28.9% |
| Hazardous Substance Cost-Recovery Account (HSCRA) | 44.6% | 0.8% | 13.3% | 0.7% | 1.0% | 15.8% | 1.0% | 0.0% | 61.4% |
| ntervenor Award Memorandum Account (IAMA) | 44.6% | 0.8% | 13.3% | 0.7% | 1.0% | 15.8% | 1.0% | 0.0% | 61.4% |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| PCB Expense Account (PCBEA) | 44.6% | 0.8% | 13.3% | 0.7% | 1.0% | 15.8% | 1.0% | 0.0% | 61.4% |
| Master Meter Balancing Account (MMBA) | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| Montebello True-Up Tracking Account (MTTA) | 21.8% | 0.4% | 6.5% | 0.3% | 0.5% | 7.7% | 0.5% | 0.0% | 30.0% |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | 40.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 40.6% |
| lew Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | 5.1% | 0.0% | 0.5% | 0.0% | 0.0% | 0.7% | 0.0% | 0.0% | 5.9% |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| Noncore Fixed Cost Account (NFCA) Margin | 86.5% | 1.2% | 9.2% | 1.3% | 1.0% | 12.7% | 0.0% | 0.0% | 100.0% |
| Noncore Fixed Cost Account (NFCA) Margin | 72.7% | 1.2% | 9.2% 21.7% | 1.1% | 1.6% | 25.7% | 1.6% | 0.0% | 100.0% |
| ` , <u> </u> | | 0.9% | | | 1.6% | | | | |
| ntegrated Transmission Balancing Account (ITBA) Margin | 49.6% | | 0.0% | 0.8% | | 2.8% | 1.1% | 0.0% | 53.5% |
| ntegrated Transmission Balancing Account (ITBA) Nonmargin | 49.6% | 0.9% | 0.0% | 0.8% | 1.1% | 2.8% | 1.1% | 0.0% | 53.5% |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | 49.6% | 0.9% | 0.0% | 0.8% | 1.1% | 2.8% | 1.1% | 0.0% | 53.5% |

NCCI Allocation

| | | Total Allocated to | | Total Allocated | | | | |
|---|---|--------------------|-------------------|-----------------|--------------|-------------------|--|--|
| COST COMPONENTS \$000's | | NCCI | NCCI-D | NCCI-T | to NCCI | Allocation Method | | |
| Regulatory Accounts | | | | | | | | |
| Affiliate Transfer Fee Account (ATFA) | Y | (\$5) | (\$4) | (\$1) | (\$5) | EPAM NonCore C&I | | |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | Υ | (\$1) | (\$1) | (\$0) | (\$1) | EPAM NonCore C&I | | |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | | \$0 | \$0 | \$0 | \$0 | % AYTP | | |
| Disconnect Memorandum Account (DMA) | | \$0 | \$0 | \$0 | \$0 | 100% Res | | |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | | \$0 | \$0 | \$0 | \$0 | ECPT CORE | | |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | Υ | \$0 | \$0 | \$0 | \$0 | EPAM NonCore C&I | | |
| GRCRRMA Sub allocation for AB32 Admin Fees | | \$0 | \$0 | \$0 | \$0 | % AYTP | | |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | Υ | \$0 | \$0 | \$0 | \$0 | EPAM NonCore C&I | | |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | Y | (\$6) | (\$5) | (\$1) | (\$6) | EPAM NonCore C&I | | |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | | \$0 | \$0 | \$0 | \$0 | % AYTP | | |
| Core Fixed Cost Account - Non NGV (CFCA) | | \$0 | \$0 | \$0 | \$0 | % AYTP | | |
| Core Fixed Cost Account - NGV (CFCA) | | \$0 | \$0 | \$0 | \$0 | % AYTP | | |
| On-Bill Financing Balancing Account (OBFBA) | Υ | \$0 | \$0 | \$0 | \$0 | EPAM NonCore C&I | | |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | | \$745 | \$422 | \$322 | \$745 | % AYTP | | |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | | \$4,655 | \$2,640 | \$2,015 | \$4,655 | % AYTP | | |
| Enhanced Oil Recovery Account (EORA) | Υ | (\$125) | (\$110) | (\$14) | (\$125) | EPAM NonCore C&I | | |
| Environmental Fee Balance Account EFBA | | \$0 | \$0 | \$0 | \$0 | % AYTP | | |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | Υ | \$0 \$0 | \$0 | \$0 | \$0 | EPAM NonCore C&I | | |
| Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) | , | \$755 | \$414 | \$341 | \$755 | % CYPM | | |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | | \$0 | \$0 | \$0 | \$0 | % AYTP | | |
| Green House Gas Balancing Account (GHGBA) - End User | | \$0 \$0 | \$0 | \$0 \$0 | \$0 | % AYTP | | |
| Green House Gas Balancing Account (GHGBA) - LUAF | | \$0 \$0 | \$0 | \$0 \$0 | \$0 | % AYTP | | |
| Hazardous Substance Cost-Recovery Account (HSCRA) | | \$226 | \$128 | \$98 | \$226 | % AYTP | | |
| Intervenor Award Memorandum Account (IAMA) | | \$176 | \$100 | \$76 | \$176 | % AYTP | | |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | Υ | \$6 | \$6 | \$1 | \$6 | EPAM NonCore C&I | | |
| PCB Expense Account (PCBEA) | , | \$0 \$0 | \$ 0 | \$0 | \$0 \$0 | % AYTP | | |
| Master Meter Balancing Account (MMBA) | Υ | \$156 | \$138 | \$18 | \$156 | EPAM NonCore C&I | | |
| Montebello True-Up Tracking Account (MTTA) | Y | \$0 | \$0 | \$0 | \$0 | % AYTP | | |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | Y | \$378 | \$215 | \$164 | \$378 | % AYTP | | |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | Y | \$0 | \$0 | \$0 | \$0 | EPAM NonCore C&I | | |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | Y | \$0 \$4 | \$0 \$4 | \$0 \$0 | \$0 \$4 | EPAM NonCore C&I | | |
| Noncore Fixed Cost Account (NFCA) Margin | Y | (\$1,996) | (\$1,767) | (\$229) | (\$1,996) | EPAM NonCore C&I | | |
| Noncore Fixed Cost Account (NFCA) Nonmargin | ı | \$228 | \$1,707) \$129 | (\$229) \$99 | \$228 | % AYTP | | |
| Integrated Transmission Balancing Account (ITBA) Margin | | \$388 | \$220 | φ99 \$168 | \$388 | % CYTP | | |
| Integrated Transmission Balancing Account (TBA) Mangin | | φ300 \$0 | \$220 \$0 | \$100 \$0 | \$300 \$0 | % CYTP | | |
| | | \$0 \$307 | ъυ \$174 | ъо \$132 | \$0 \$307 | % CYTP | | |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | | φ307 | Φ1/4 | φ13Z | Φ3 07 | % CTIP | | |

EG Allocation

| | Alocatio | n Factor | r <u>s</u> | Separate Distribut | ion from Transm | <u>ission</u> | | |
|---|----------|----------|-------------|----------------------------------|----------------------------------|-----------------------------|----------------|----------------|
| COST COMPONENTS \$000's | Total % | | NCCI - T | Total Allocated to EG Tier 1 (1) | Total Allocated to EG Tier 2 (1) | Total Allocated to EG | EG-D Tier 1 | EG-D Tier 2 |
| | 10141 70 | | | (, | | | | |
| Regulatory Accounts | | | | | | | | |
| Affiliate Transfer Fee Account (ATFA) | 100% | 89% | 11% | (\$1) | (\$3) | (\$4) | (\$1) | (\$1) |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | 100% | 89% | 11% | (\$0) | (\$1) | (\$1) | (\$0) | (\$0) |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | 100% | 57% | 43% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | 0% | 0% | 0% | \$0 | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | 0% | 0% | 0% | \$0 | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | 100% | 89% | 11% | \$0 | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | 100% | 57% | 43% | \$0 | \$0 | \$0 | \$0 | \$0 |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | 100% | 89% | 11% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | 100% | 89% | 11% | (\$1) | (\$3) | (\$5) | (\$1) | (\$1) |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | 100% | 57% | 43% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account - Non NGV (CFCA) | 100% | 57% | 43% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account - NGV (CFCA) | 100% | 57% | 43% | \$0 | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | 100% | 89% | 11% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | 100% | 57% | 43% | \$0 | \$0 | \$0 | \$0 | \$0 |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | 100% | 57% | 43% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Enhanced Oil Recovery Account (EORA) | 100% | 89% | 11% | (\$23) | (\$73) | (\$96) | (\$22) | (\$20) |
| Environmental Fee Balance Account EFBA | 100% | 57% | 43% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | 100% | 89% | 11% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) | 100% | 55% | 45% | \$47 | \$1,369 | \$1,416 | \$37 | \$102 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | 100% | 57% | 43% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | 100% | 81% | 19% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | 100% | 57% | 43% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cost-Recovery Account (HSCRA) | 100% | 57% | 43% | \$14 | \$383 | \$397 | \$11 | \$31 |
| Intervenor Award Memorandum Account (IAMA) | 100% | 57% | 43% | \$11 | \$298 | \$309 | \$9 | \$24 |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | 100% | 89% | 11% | \$ 1 | \$4 | \$5 | \$1 | \$ 1 |
| PCB Expense Account (PCBEA) | 100% | 57% | 43% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Master Meter Balancing Account (MMBA) | 100% | 89% | 11% | \$29 | \$92 | \$120 | \$27 | \$25 |
| Montebello True-Up Tracking Account (MTTA) | 100% | 57% | 43% | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | 100% | 57% | 43% | \$21 | \$218 | \$238 | \$19 | \$51 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | 100% | 89% | 11% | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | 100% | 89% | 11% | \$1 | \$2 | \$3 | \$1 | \$1 |
| Noncore Fixed Cost Account (NFCA) Margin | 100% | 89% | 11% | (\$368) | (\$1,174) | (\$1,542) | (\$348) | (\$319) |
| Noncore Fixed Cost Account (NFCA) Nonmargin | 100% | 57% | 43% | \$15 | \$386 | \$401 | \$12 | \$31 |
| Integrated Transmission Balancing Account (ITBA) Margin | 100% | 57% | 43% | \$25 | \$655 | \$679 | \$20 | \$53 |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | 100% | 57% | 43% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | 100% | 57% | 43% | \$19 | \$517 | \$537 | \$15 | \$42 |

| COST COMPONENTS \$000°S EG-0 Time Time Time EG-0 Time EG-0 Time EG-0 Time Time EG-0 Time Time EG-0 Time EG- | | | Total | | | | |
|---|---|---------|-----------|--------------------------|----------|-----------|--------|
| Resulatory Accounts Affisiale Transfer Fee Account (ATFA) (\$2) (\$4) EPAM NonCore C& 100% 22.6% 20.7% Biogas Conditioning/Uggrading Services Balancing Account (BCSBA) (\$0) (\$1) EPAM NonCore C& 100% 22.6% 20.7% Biogas Conditioning/Uggrading Services Balancing Account (BOFRMA) \$0 \$0 \$0.47TP 100% 22.9% 7.8% Disconnect Memorandum Account (IDMA) \$0 \$0 \$0.00% Res \$0.00% 0.00% EFRG. Settlemen Proceeds Memorandum Account (FSPMA) \$0 \$0 \$0.00% Res \$0.00% 0.00% General Rate Case Revenue Requirement Memorandum Account (GRCMA) \$0 \$0 EPAM NonCore C& 100% 22.6% 20.7% GRCRRATA Sub allocation for ASS2 Admin Fees \$0 \$0 EPAM NonCore C& 100% 22.6% 20.7% EFRG. Settlemen Proceeds Memorandum Account (GRCMA) \$0 \$0 EPAM NonCore C& 100% 22.6% 20.7% EFRG. Settlemen Proceeds Memorandum Account (GRCMA) \$0 \$0 EPAM NonCore C& 100% 22.6% 20.7% EFRG. Settlemen Proceeds Memorandum Account (GRCMA) \$0 \$0 EPAM NonCore C& 100% 22.6% 20.7% EFRG. Settlemen Proceeds Memorandum Account (GRCMA) \$0 \$0 EPAM NonCore C& 100% 22.6% 20.7% EFRG. Settlemen Proceeds Memorandum Account (FARSMA) \$0 \$0 EPAM NonCore C& 100% 22.6% 20.7% EFRG. Settlemen Proceeds Memorandum Account (FARSMA) \$0 \$0 SA/TP 100% 2.9% 7.8% EFRG. Settlemen Proceeds Memorandum Account (FARSMA) \$0 \$0 SA/TP 100% 2.9% 7.8% EFRG. Settlemen Program Memorandum Account (EFSMA) \$0 \$0 SA/TP 100% 2.9% 7.8% California Sódar Iniative Thermal Memorandum Account (EFSMA) \$0 \$0 SA/TP 100% 2.9% 7.8% Enhanced Oil Recovery Account (EFSMA) \$0 \$0 SA/TP 100% 2.9% 7.8% Enhanced Oil Recovery Account (EFSMA) \$0 \$0 SA/TP 100% 2.9% 7.8% Enhanced Oil Recovery Account (EFSMA) \$0 SA/TP 100% 2.9% 7.8% Enhanced Oil Recovery Account (EFSMA) \$0 SA/TP 100% 2.9% 7.8% Enhanced Oil Recovery Account (EFSMA) \$0 SA/TP 100% 2.9% 7.8% Enhanced Oil Re | COOT COMPONENTO ACCOU | | | | - | EG-D Tier | EG-D |
| Millate Transfer Fee Account (ATFA) \$22 \$34 \$24 \$24 \$24 \$24 \$24 \$25 \$3 | COST COMPONENTS \$000's | EG-T | EG | Allocation Method | Total % | 1 | Tier 2 |
| Bogas Conditioning/Ugarding Services Balancing Account (BCSBA) Bighte Operational Flow Requirement Memorandum Account (BOFRMA) S0 S0 100% Res 0.0% 0.0% 0.0% FERC Settlement Proceeds Memorandum Account (FSPMA) S0 S0 ECPT CORE 0.0% 0.0% 0.0% FERC Settlement Proceeds Memorandum Account (FSPMA) S0 S0 ECPT CORE 0.0% 0.0% 0.0% FERC Settlement Proceeds Memorandum Account (GRCMA) S0 S0 ECPT Excluding exempt EG 100% 0.0% 0.0% GRCRRMA Sub allocation for AB32 Admin Fees DEDUCTIBLE TAX REPAIRS BEINETIFS MEMORANDUM ACCOUNT (DTRBMA) S0 S0 ECPT excluding exempt EG 100% 0.2% 0.7% Distributed Energy Resources Sives Bal Account (DERSBA) (33) (35) EPAM NonCore C81 100% 2.2% 0.7% Distributed Energy Resources Sives Bal Account (FRESMA) S0 S0 S0 FPAM NonCore C81 100% 2.2% 0.7% Firm Access & Storage Rights Memorandum Account (FRESMA) S0 S0 %AYTP 100% 2.9% 7.8% Core Fixed Cost Account- NGV (CPCA) S0 S0 %AYTP 100% 2.9% 7.8% Core Fixed Cost Account- NGV (CPCA) S0 S0 S0 WAYTP 100% 2.9% 7.8% Economic Practicality Shortfall Memorandum Account (EPSMA) S0 S0 WAYTP 100% 2.9% 7.8% Economic Practicality Shortfall Memorandum Account (EPSMA) S0 S0 WAYTP 100% 2.9% 7.8% Economic Practicality Shortfall Memorandum Account (CSITPMA) S0 S0 WAYTP 100% 2.2% 7.8% Enhanced Oil Recovery Account (EPSMA) S0 S0 WAYTP 100% 2.2% 7.8% Enhanced Oil Recovery Account (EPSMA) S0 S0 WAYTP 100% 2.2% 7.8% Enhanced Oil Recovery Account (EPSMA) S0 S0 WAYTP 100% 2.2% 7.8% Enhanced Oil Recovery Account (EPSMA) S0 S0 WAYTP 100% 2.2% 7.8% Enhanced Oil Recovery Account (EPSMA) S0 S0 WAYTP 100% 2.2% 7.8% Enhanced Oil Recovery Account (EPSMA) S0 S0 WAYTP 100% 2.2% 7.8% Enhanced Oil Recovery Account (EPSMA) S0 S0 WAYTP 100% 2.2% 7.8% Enhanced Oil Recovery Ac | Regulatory Accounts | | | | | | |
| Bythe Operational Flow Requirement Memorandum Account (BOFRMA) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$ | Affiliate Transfer Fee Account (ATFA) | (\$2) | (\$4) | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| Disconnect Memorandum Account (DMA) \$0 \$0 10% Res 0% 0.0% 0.0% FERC Settlement Proceeds Memorandum Account (FSPMA) \$0 \$0 ECPT CORE 0% 0.0% 0.0% General Rate Case Revenue Requirement Memorandum Account (GRCMA) \$0 \$0 ECPT excluding exempt EG 100% 2.26% 20.7% GRCRRMA Sub allocation for AB32 Admin Fees \$0 \$0 EPAM NonCore Csl 100% 2.26% 20.7% Distributed Energy Resources Svcs Bal Account (DERSBA) (\$3) (\$5) EPAM NonCore Csl 100% 2.26% 20.7% Core Fixed Cost Account - NGV (CFCA) \$0 \$0 %AYTP 100% 2.9% 7.8% Core Fixed Cost Account - NGV (CFCA) \$0 \$0 \$0 %AYTP 100% 2.9% 7.8% Economic Practicality Shortfall Memorandum Account (ESPMA) \$0 \$0 %AYTP 100% 2.26% 20.7% Environmental Fee Balance Account (FBRA) \$0 \$0 %AYTP 100% 2.26% 20.7% Environmental Fee Balance Account (E | Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | (\$0) | (\$1) | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | \$0 | \$0 | %AYTP | 100% | 2.9% | 7.8% |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) \$0 \$0 EPAM NonCore C&I 100% 2.2.6% 2.0.7% GRCRRMA Sub allocation for AB32 Admin Fees \$0 \$0 EPAM NonCore C&I 100% 2.2.6% 20.7% DISITIBUDE TEAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DERBMA) \$0 \$0 EPAM NonCore C&I 100% 2.2.6% 20.7% DISTRIBUTE ETAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DERSBA) \$0 \$0.7 \$6.7 100% 2.2.6% 20.7% Core Fixed Cost Account - NON (CFCA) \$0 \$0 \$0.47TP 100% 2.9% 7.8% Core Fixed Cost Account - NOW (CFCA) \$0 \$0 \$0 WAYTP 100% 2.2.6% 20.7% Economic Practicality Shortfall Memorandum Account (EPSMA) \$0 \$0 WAYTP 100% 2.2.6% 20.7% Environmental Fee Balance Account (EPSMA) \$0 \$0 EPAM NonCore C&I 100% 2.2.6% 20.7% Environmental Fee Balance Account (EPSMA) \$0 \$0 EPAM NonCore C&I 100% 2.2.6% 20.7% | Disconnect Memorandum Account (DMA) | \$0 | \$0 | 100% Res | 0% | 0.0% | 0.0% |
| GRCRRMA Sub allocation for AB32 Admin Fees \$0 \$0 ECPT excluding exempt EG 10% 7.9% 21.5% DEDUCTIBLE TAX REPARAS BENEFITS MEMORANDUM ACCOUNT (DRBMA) \$0 \$0 \$0 \$PAM NonCore C&I 100% 22.6% 20.7% | FERC Settlement Proceeds Memorandum Account (FSPMA) | \$0 | \$0 | ECPT CORE | 0% | 0.0% | 0.0% |
| DEDUCTIBLE TAX REPAIRS BENEITS MEMORANDUM ACCOUNT (DTRBMA) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$ | General Rate Case Revenue Requirement Memorandum Account (GRCMA) | \$0 | \$0 | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| Distributed Energy Resources Svcs Bal Account (DERSBA) (\$3) (\$3) (\$3) (\$5) (\$4 PAM NonCore C&1 100% 2.6% 20.7% Firm Access & Storage Rights Memorandum Account (FARSMA) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | ECPT excluding exempt EG | 100% | 7.9% | 21.5% |
| Firm Access & Storage Rights Memorandum Account (FARSMA) \$0 \$0 %AYTP 100% 2.9% 7.8% Core Fixed Cost Account - NoN (CFCA) \$0 \$0 %AYTP 100% 2.9% 7.8% Core Fixed Cost Account - NoV (CFCA) \$0 \$0 %AYTP 100% 2.9% 7.8% On-Bill Financing Balancing Account (CBEBA) \$0 \$0 EPAM NonCore C&I 100% 2.2% 2.7% California Solar Iniative Themal Memorandum Account (EPSMA) \$0 \$0 %AYTP 100% 2.9% 7.8% Enhanced Oil Recovery Account (ECRA) \$0 \$0 %AYTP 100% 2.9% 7.8% Enhanced Oil Recovery Account (ECRA) \$0 \$0 EPAM NonCore C&I 100% 2.2% 2.2% Environmental Fee Balance Account EFBA \$0 \$0 EPAM NonCore C&I 100% 2.2% 20.7% Tasansission Integrity Management Program Memorandum Account (TIMPBA - Local T) \$1,277 \$1,416 %CVPM 100% 2.9% 7.8% Green House Gas Balancing Account (GHGBA) - End User <t< td=""><td>DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA)</td><td>\$0</td><td>\$0</td><td>EPAM NonCore C&I</td><td>100%</td><td>22.6%</td><td>20.7%</td></t<> | DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | \$0 | \$0 | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| Core Fixed Cost Account - Non NGV (CFCA) \$0 \$0 WAYTP 100% 2.9% 7.8% Core Fixed Cost Account - NGV (CFCA) \$0 \$0 WAYTP 100% 2.9% 7.8% Core Fixed Cost Account - NGV (CFCA) \$0 \$0 BCAM NonCore C&I 100% 2.26% 20.7% Cealfornia Solar Iniative Thermal Memorandum Account (EPSMA) \$0 \$0 WAYTP 100% 2.9% 7.8% California Solar Iniative Thermal Memorandum Account (EORA) \$0 \$0 WAYTP 100% 2.9% 7.8% Enhanced Oil Recovery Account (EORA) \$0 \$0 EPAM NonCore C&I 100% 2.26% 20.7% Environmental Fee Balance Account EFBA \$0 \$0 ECPT excluding exempt EG 100% 2.26% 20.7% Transmission Integrity Management Program Memorandum Account (IMPBA - Local T) \$1,277 \$1,416 % CYPM 100% 2.26% 2.7% Green House Gas Balancing Account (GHGBA) - Company Gas Compressor \$0 \$0 ECPT excluding exempt EG 100% 4.9.5% 19.6% Green House Gas Ba | Distributed Energy Resources Svcs Bal Account (DERSBA) | (\$3) | (\$5) | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| Core Fixed Cost Account - NGV (CFCA) \$0 | Firm Access & Storage Rights Memorandum Account (FARSMA) | \$0 | \$0 | %AYTP | 100% | 2.9% | 7.8% |
| On-Bill Financing Balancing Account (OBFBA) \$0 \$0 EPAM NonCore C&I 100% 2.2.6% 20.7% Economic Practicality Shortfall Memorandum Account (EPSMA) \$0 \$0 %AYTP 100% 2.9% 7.8% California Sola Inaliative Themal Memorandum Account (CSITPMA) \$0 \$0 WAYTP 100% 2.9% 7.8% Environmental Fee Balance Account (EGRA) (\$55) (\$96) EPAM NonCore C&I 100% 2.2.6% 20.7% Environmental Fee Balance Account EFBA \$0 \$0 EPAM NonCore C&I 100% 2.2.6% 20.7% Ibistribution Integrity Management Program Memorandum Account (IMPBA - Local T) \$1,277 \$1,416 % CYPM 100% 2.6% 20.7% Green House Gas Balancing Account (GHGBA) - End User \$0 \$0 % CYPM 100% 2.9% 7.8% Green House Gas Balancing Account (GHGBA) - LUAF \$0 \$0 KAYTP 100% 2.9% 7.8% Hazardous Substance Cost-Recovery Account (HSCRA) \$35 \$397 % AYTP 100% 2.9% 7.8% < | Core Fixed Cost Account - Non NGV (CFCA) | \$0 | \$0 | %AYTP | 100% | 2.9% | 7.8% |
| Economic Practicality Shortfall Memorandum Account (EPSMA) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$ | Core Fixed Cost Account - NGV (CFCA) | \$0 | \$0 | %AYTP | 100% | 2.9% | 7.8% |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) \$0 \$0 %AYTP 100% 2.9% 7.8% Enhanced Oil Recovery Account (ECRA) (\$55) (\$56) EPAM NonCore C&I 100% 22.6% 20.7% Environmental Fee Balance Account EFBA \$0 \$0 ECPT excluding exempt EG 100% 22.6% 20.7% Distribution Integrity Management Program Memorandum Account (DIMPBA) \$0 \$0 EPAM NonCore C&I 100% 2.6% 20.7% Green House Gas Balancing Account (GHGBA) - Company Gas Compressor \$0 \$0 AVTP 100% 2.9% 7.8% Green House Gas Balancing Account (GHGBA) - End User \$0 \$0 AVTP 100% 2.9% 7.8% Green House Gas Balancing Account (GHGBA) - End User \$0 \$0 AVTP 100% 2.9% 7.8% Green House Gas Balancing Account (GHGBA) - End User \$0 \$0 AVTP 100% 2.9% 7.8% Hazardous Substance Cost-Recovery Account (HACBA) \$35 \$39 AVTP 100% 2.9% 7.8% Clai | On-Bill Financing Balancing Account (OBFBA) | \$0 | \$0 | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| Enhanced Oil Recovery Account (EORA) (\$55) (\$96) EPAM NonCore C&I 100% 22.6% 20.7% Environmental Fee Balance Account EFBA \$0 \$0 ECPT excluding exempt EG 100% 7.9% 21.5% Distribution Integrity Management Program Memorandum Account (DIMPBA) \$0 EPAM NonCore C&I 100% 22.6% 20.7% Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) \$1,277 \$1,416 % CYPM 100% 2.6% 7.2% Green House Gas Balancing Account (GHGBA) - End User \$0 \$0 ECPT excluding exempt EG 100% 49.5% 19.6% Green House Gas Balancing Account (GHGBA) - End User \$0 \$0 ECPT excluding exempt EG 100% 49.5% 19.6% Green House Gas Balancing Account (GHGBA) - End User \$0 \$0 %AYTP 100% 2.9% 7.8% Hazardous Substance Cost-Recovery Account (HSCRA) \$35 \$39 %AYTP 100% 2.9% 7.8% Intervenor Award Memorandum Account (IAMA) \$276 \$30 %AYTP 100% 2.2.6% 20.7% | Economic Practicality Shortfall Memorandum Account (EPSMA) | \$0 | \$0 | %AYTP | 100% | 2.9% | 7.8% |
| Environmental Fee Balance Account EFBA \$0 \$0 ECPT excluding exempt EG 100% 7.9% 21.5% | California Solar Iniative Thermal Memorandum Account (CSITPMA) | \$0 | \$0 | %AYTP | 100% | 2.9% | 7.8% |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) \$0 \$0 EPAM NonCore C&I 100% 22.6% 20.7% Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) \$1,277 \$1,416 % CYPM 100% 2.6% 7.2% Green House Gas Balancing Account (GHGBA) - Company Gas Compressor \$0 \$0 %AYTP 100% 2.9% 7.8% Green House Gas Balancing Account (GHGBA) - LUAF \$0 \$0 KAYTP 100% 2.9% 7.8% Hazardous Substance Cost-Recovery Account (HSCRA) \$355 \$397 %AYTP 100% 2.9% 7.8% Intervenor Award Memorandum Account (IAMA) \$276 \$309 %AYTP 100% 2.9% 7.8% Gain / Loss on Sale Memorandum Account (GLOSMA) \$3 \$5 EPAM NonCore C&I 100% 2.26% 20.7% PCB Expense Account (MBA) \$68 \$120 EPAM NonCore C&I 100% 2.9% 7.8% Master Meter Balancing Account (MMBA) \$68 \$120 EPAM NonCore C&I 100% 2.9% 7.8% | Enhanced Oil Recovery Account (EORA) | (\$55) | (\$96) | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) \$1,277 \$1,416 % CYPM 100% 2.6% 7.2% Green House Gas Balancing Account (GHGBA) - Company Gas Compressor \$0 \$0 %AYTP 100% 2.9% 7.8% Green House Gas Balancing Account (GHGBA) - End User \$0 \$0 ECPT excluding exempt EG 100% 49.5% 19.6% Green House Gas Balancing Account (GHGBA) - LUAF \$0 \$0 %AYTP 100% 2.9% 7.8% Intervenor Award Memorandum Account (HASCRA) \$355 \$397 %AYTP 100% 2.9% 7.8% Gain / Loss on Sale Memorandum Account (GLOSMA) \$276 \$309 %AYTP 100% 2.9% 7.8% Gain / Loss on Sale Memorandum Account (GLOSMA) \$3 \$5 EPAM NonCore C&I 100% 2.26% 20.7% PCB Expense Account (PCBEA) \$0 \$0 %AYTP 100% 2.26% 20.7% Master Meter Balancing Account (MTBA) \$0 \$0 WAYTP 100 2.26% 20.7% New Environmental Regulation | Environmental Fee Balance Account EFBA | \$0 | \$0 | ECPT excluding exempt EG | 100% | 7.9% | 21.5% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor \$0 \$0 %AYTP 100% 2.9% 7.8% Green House Gas Balancing Account (GHGBA) - End User \$0 \$0 ECPT excluding exempt EG 100% 49.5% 19.6% Green House Gas Balancing Account (GHGBA) - LUAF \$0 \$0 %AYTP 100% 2.9% 7.8% Hazardous Substance Cost-Recovery Account (HSCRA) \$35 \$397 %AYTP 100% 2.9% 7.8% Intervenor Award Memorandum Account (IAMA) \$276 \$309 %AYTP 100% 2.9% 7.8% Gain / Loss on Sale Memorandum Account (GLOSMA) \$3 \$5 EPAM NonCore C&I 100% 22.6% 20.7% PCB Expense Account (PCBEA) \$0 \$0 %AYTP 100% 2.9% 7.8% Master Meter Balancing Account (MMBA) \$68 \$120 EPAM NonCore C&I 100% 2.9% 7.8% New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount \$168 \$238 ECPT excluding exempt EG 100.0% 2.9% 2.5% New | Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor \$0 \$0 %AYTP 100% 2.9% 7.8% Green House Gas Balancing Account (GHGBA) - End User \$0 \$0 ECPT excluding exempt EG 100% 49.5% 19.6% Green House Gas Balancing Account (GHGBA) - LUAF \$0 \$0 %AYTP 100% 2.9% 7.8% Hazardous Substance Cost-Recovery Account (HSCRA) \$35 \$397 %AYTP 100% 2.9% 7.8% Intervenor Award Memorandum Account (IAMA) \$276 \$309 %AYTP 100% 2.9% 7.8% Gain / Loss on Sale Memorandum Account (GLOSMA) \$3 \$5 EPAM NonCore C&I 100% 2.9% 7.8% PCB Expense Account (PCBEA) \$0 \$0 %AYTP 100% 2.9% 7.8% Master Meter Balancing Account (MMBA) \$68 \$120 EPAM NonCore C&I 100% 2.9% 7.8% New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount \$168 \$238 ECPT excluding exempt EG 100.0% 2.9% 2.5% New E | Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) | \$1,277 | \$1,416 | % CYPM | 100% | 2.6% | 7.2% |
| Green House Gas Balancing Account (GHGBA) - LUAF \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$ | | \$0 | \$0 | %AYTP | 100% | 2.9% | 7.8% |
| Hazardous Substance Cost-Recovery Account (HSCRA) \$355 \$397 \$AYTP \$100% \$2.9% \$7.8% Intervenor Award Memorandum Account (IAMA) \$276 \$309 \$AYTP \$100% \$2.9% \$7.8% Gain / Loss on Sale Memorandum Account (GLOSMA) \$3 \$5 EPAM NonCore C&I \$100% \$2.6% \$20.7% PCB Expense Account (PCBEA) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$ | Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | ECPT excluding exempt EG | 100% | 49.5% | 19.6% |
| Hazardous Substance Cost-Recovery Account (HSCRA) \$355 \$397 \$AYTP \$100% \$2.9% \$7.8% Intervenor Award Memorandum Account (IAMA) \$276 \$309 \$AYTP \$100% \$2.9% \$7.8% Gain / Loss on Sale Memorandum Account (GLOSMA) \$3 \$5 EPAM NonCore C&I \$100% \$2.6% \$20.7% PCB Expense Account (PCBEA) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$ | Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | %AYTP | 100% | 2.9% | 7.8% |
| Intervenor Award Memorandum Account (IAMA) \$276 \$309 \$AYTP \$100% \$2.9% \$7.8% | | \$355 | \$397 | %AYTP | 100% | 2.9% | 7.8% |
| PCB Expense Account (PCBEA) \$0 \$0 %AYTP 100% 2.9% 7.8% Master Meter Balancing Account (MMBA) \$68 \$120 EPAM NonCore C&I 100% 22.6% 20.7% Montebello True-Up Tracking Account (MTTA) \$0 \$0 %AYTP 100.0% 2.9% 7.8% New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount \$168 \$238 ECPT excluding exempt EG 100.0% 7.9% 21.5% New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount \$0 \$0 EPAM NonCore C&I 100.0% 22.6% 20.7% New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount \$2 \$3 EPAM NonCore C&I 100.0% 22.6% 20.7% Noncore Fixed Cost Account (NFCA) Margin (\$875) (\$1,542) EPAM NonCore C&I 100% 22.6% 20.7% Integrated Transmission Balancing Account (ITBA) Margin \$667 \$679 %CYTP 100% 2.9% 7.8% Integrated Transmission Balancing Account (ITBA) Nonmargin \$0 \$0 %CYTP 100% 2.9% </td <td></td> <td>\$276</td> <td>\$309</td> <td>%AYTP</td> <td>100%</td> <td>2.9%</td> <td>7.8%</td> | | \$276 | \$309 | %AYTP | 100% | 2.9% | 7.8% |
| Master Meter Balancing Account (MMBA) \$68 \$120 EPAM NonCore C&I 100% 22.6% 20.7% Montebello True-Up Tracking Account (MTTA) \$0 \$0 \$0 %AYTP 100.0% 2.9% 7.8% New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount \$168 \$238 ECPT excluding exempt EG 100.0% 7.9% 21.5% New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount \$0 \$0 \$0 EPAM NonCore C&I 100.0% 22.6% 20.7% New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount \$2 \$3 EPAM NonCore C&I 100.0% 22.6% 20.7% Noncore Fixed Cost Account (NFCA) Margin \$358 \$401 %AYTP 100% 22.6% 20.7% Integrated Transmission Balancing Account (ITBA) Margin \$607 \$679 %CYTP 100% 2.9% 7.8% Integrated Transmission Balancing Account (ITBA) Nonmargin \$0 \$0 \$0 %CYTP 100% 2.9% 7.8% | Gain / Loss on Sale Memorandum Account (GLOSMA) | \$3 | \$5 | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| Montebello True-Up Tracking Account (MTTA) New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount \$168 \$238 ECPT excluding exempt EG 100.0% 7.9% 21.5% New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount \$0 \$0 EPAM NonCore C&I 100.0% 22.6% 20.7% New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount \$2 \$3 EPAM NonCore C&I 100.0% 22.6% 20.7% Noncore Fixed Cost Account (NFCA) Margin \$358 \$401 %AYTP 100% 2.9% 7.8% Integrated Transmission Balancing Account (ITBA) Margin \$0 \$0 \$0 KOYTP 100.0% 22.6% 20.7% 21.5% | PCB Expense Account (PCBEA) | \$0 | \$0 | %AYTP | 100% | 2.9% | 7.8% |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount \$168 \$238 ECPT excluding exempt EG 100.0% 7.9% 21.5% New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount \$0 \$0 EPAM NonCore C&I 100.0% 22.6% 20.7% New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount \$2 \$3 EPAM NonCore C&I 100.0% 22.6% 20.7% Noncore Fixed Cost Account (NFCA) Margin (\$875) (\$1,542) EPAM NonCore C&I 100% 22.6% 20.7% Noncore Fixed Cost Account (NFCA) Nonmargin \$358 \$401 %AYTP 100% 2.9% 7.8% Integrated Transmission Balancing Account (ITBA) Margin \$607 \$679 %CYTP 100% 2.9% 7.8% Integrated Transmission Balancing Account (ITBA) Nonmargin \$0 \$0 \$0 %CYTP 100% 2.9% 7.8% | Master Meter Balancing Account (MMBA) | \$68 | \$120 | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount \$0 \$0 EPAM NonCore C&I 100.0% 22.6% 20.7% New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount \$2 \$3 EPAM NonCore C&I 100.0% 22.6% 20.7% Noncore Fixed Cost Account (NFCA) Margin (\$875) (\$1,542) EPAM NonCore C&I 100.0% 22.6% 20.7% Noncore Fixed Cost Account (NFCA) Nonmargin \$358 \$401 %AYTP 100% 2.9% 7.8% Integrated Transmission Balancing Account (ITBA) Margin \$607 \$679 %CYTP 100% 2.9% 7.8% Integrated Transmission Balancing Account (ITBA) Nonmargin \$0 \$0 \$0 %CYTP 100% 2.9% 7.8% | Montebello True-Up Tracking Account (MTTA) | \$0 | \$0 | %AYTP | 100.0% | 2.9% | 7.8% |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount \$2 \$3 EPAM NonCore C&I 100.0% 22.6% 20.7% Noncore Fixed Cost Account (NFCA) Margin (\$875) (\$1,542) EPAM NonCore C&I 100% 22.6% 20.7% Noncore Fixed Cost Account (NFCA) Nonmargin \$358 \$401 %AYTP 100% 2.9% 7.8% Integrated Transmission Balancing Account (ITBA) Margin \$607 \$679 %CYTP 100% 2.9% 7.8% Integrated Transmission Balancing Account (ITBA) Nonmargin \$0 \$0 \$0 %CYTP 100% 2.9% 7.8% | New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$168 | \$238 | ECPT excluding exempt EG | 100.0% | 7.9% | 21.5% |
| Noncore Fixed Cost Account (NFCA) Margin (\$875) (\$1,542) EPAM NonCore C&I 100% 22.6% 20.7% Noncore Fixed Cost Account (NFCA) Nonmargin \$358 \$401 %AYTP 100% 2.9% 7.8% Integrated Transmission Balancing Account (ITBA) Margin \$607 \$679 %CYTP 100% 2.9% 7.8% Integrated Transmission Balancing Account (ITBA) Nonmargin \$0 \$0 \$CYTP 100% 2.9% 7.8% | New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | EPAM NonCore C&I | 100.0% | 22.6% | 20.7% |
| Noncore Fixed Cost Account (NFCA) Margin (\$875) (\$1,542) EPAM NonCore C&I 100% 22.6% 20.7% Noncore Fixed Cost Account (NFCA) Nonmargin \$358 \$401 %AYTP 100% 2.9% 7.8% Integrated Transmission Balancing Account (ITBA) Margin \$607 \$679 %CYTP 100% 2.9% 7.8% Integrated Transmission Balancing Account (ITBA) Nonmargin \$0 \$0 \$CYTP 100% 2.9% 7.8% | | \$2 | \$3 | EPAM NonCore C&I | 100.0% | 22.6% | 20.7% |
| Noncore Fixed Cost Account (NFCA) Nonmargin \$358 \$401 %AYTP 100% 2.9% 7.8% Integrated Transmission Balancing Account (ITBA) Margin \$607 \$679 %CYTP 100% 2.9% 7.8% Integrated Transmission Balancing Account (ITBA) Nonmargin \$0 \$0 %CYTP 100% 2.9% 7.8% | | (\$875) | (\$1,542) | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| Integrated Transmission Balancing Account (ITBA) Margin \$607 \$679 %CYTP 100% 2.9% 7.8% Integrated Transmission Balancing Account (ITBA) Nonmargin \$0 \$0 %CYTP 100% 2.9% 7.8% | , , | , | , , , | %AYTP | 100% | 2.9% | 7.8% |
| Integrated Transmission Balancing Account (ITBA) Nonmargin \$0 \$0 \$0 %CYTP 100% 2.9% 7.8% | , , | \$607 | \$679 | %CYTP | 100% | 2.9% | 7.8% |
| | | | | %CYTP | | | |
| | | \$480 | \$537 | %CYTP | 100% | 2.9% | 7.8% |

COST COMPONENTS \$000's

| COST CONTROLLATO \$000 S | LG-1 |
|---|-------|
| | • |
| Regulatory Accounts | |
| Affiliate Transfer Fee Account (ATFA) | 56.7% |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | 56.7% |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | 89.4% |
| Disconnect Memorandum Account (DMA) | 0.0% |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | 0.0% |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | 56.7% |
| GRCRRMA Sub allocation for AB32 Admin Fees | 70.5% |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | 56.7% |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | 56.7% |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | 89.4% |
| Core Fixed Cost Account - Non NGV (CFCA) | 89.4% |
| Core Fixed Cost Account - NGV (CFCA) | 89.4% |
| On-Bill Financing Balancing Account (OBFBA) | 56.7% |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | 89.4% |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | 89.4% |
| Enhanced Oil Recovery Account (EORA) | 56.7% |
| Environmental Fee Balance Account EFBA | 70.5% |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | 56.7% |
| Transmission Integrity Management Program Memorandum Account (TIMPBA - Local T) | 90.2% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | 89.4% |
| Green House Gas Balancing Account (GHGBA) - End User | 30.9% |
| Green House Gas Balancing Account (GHGBA) - LUAF | 89.4% |
| Hazardous Substance Cost-Recovery Account (HSCRA) | 89.4% |
| Intervenor Award Memorandum Account (IAMA) | 89.4% |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | 56.7% |
| PCB Expense Account (PCBEA) | 89.4% |
| Master Meter Balancing Account (MMBA) | 56.7% |
| Montebello True-Up Tracking Account (MTTA) | 89.4% |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | 70.5% |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | 56.7% |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | 56.7% |
| Noncore Fixed Cost Account (NFCA) Margin | 56.7% |
| Noncore Fixed Cost Account (NFCA) Nonmargin | 89.4% |
| Integrated Transmission Balancing Account (ITBA) Margin | 89.4% |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | 89.4% |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | 89.4% |
| , | · · |

EG-T

| COST COMPONENTS \$000's | | | | Res | Core C&I | NR A/C | Gas Eng | NGV |
|--|---|---|-----------|-----------|----------|--------|---------|--------|
| Compression Services Balancing Account (CSBA) | Υ | Υ | (\$22) | \$0 | (\$12) | \$0 | \$0 | (\$11) |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | | Υ | (\$542) | (\$139) | (\$58) | (\$0) | (\$1) | (\$9) |
| System Reliability Memorandum Account (SRMA) | | Υ | \$7,809 | \$2,055 | \$863 | \$1 | \$17 | \$133 |
| Noncore Storage Balancing Account (NSBA) | | Υ | \$10,308 | \$2,712 | \$1,139 | \$1 | \$23 | \$175 |
| Pension Balancing Account (PBA) | Υ | Υ | (\$2,881) | (\$2,348) | (\$381) | (\$0) | (\$6) | (\$23) |
| PBOP Balancing Account (PBOPBA) | Υ | Υ | (\$1,658) | (\$1,351) | (\$219) | (\$0) | (\$4) | (\$13) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | | Υ | \$1,466 | \$632 | \$186 | \$0 | \$2 | \$20 |

| | | Non Core | | | Total Retail Long | | | | | |
|--|------------|----------|-----------|-----------|-------------------|----------|-------|---------|--|--|
| COST COMPONENTS \$000's | Total Core | C&I | EG Tier 1 | EG Tier 2 | EOR | Non Core | Beach | SDG&E | | |
| Compression Services Balancing Account (CSBA) | (\$23) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | (\$208) | (\$87) | (\$6) | (\$147) | (\$13) | (\$253) | (\$4) | (\$71) | | |
| System Reliability Memorandum Account (SRMA) | \$3,068 | \$1,287 | \$82 | \$2,177 | \$0 | \$3,546 | \$62 | \$1,053 | | |
| Noncore Storage Balancing Account (NSBA) | \$4,050 | \$1,699 | \$108 | \$2,874 | \$0 | \$4,681 | \$82 | \$1,390 | | |
| Pension Balancing Account (PBA) | (\$2,759) | (\$84) | (\$15) | (\$49) | \$0 | (\$149) | (\$2) | (\$16) | | |
| PBOP Balancing Account (PBOPBA) | (\$1,588) | (\$48) | (\$9) | (\$28) | \$0 | (\$86) | (\$1) | (\$9) | | |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | \$841 | \$196 | \$12 | \$355 | \$30 | \$594 | \$16 | \$0 | | |

| | Sout West | | Total | | | Total Non | Total System | |
|--|-----------|--------|------------|-------|-----|------------------|--------------|--------|
| COST COMPONENTS \$000's | Gas | Vernon | Whole sale | DGN | TBS | Core | \$000 | |
| Compression Services Balancing Account (CSBA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | (\$23) | (\$0) |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | (\$4) | (\$5) | (\$85) | (\$5) | \$0 | (\$343) | (\$551) | (\$9) |
| System Reliability Memorandum Account (SRMA) | \$55 | \$80 | \$1,250 | \$77 | \$0 | \$4,873 | \$7,941 | \$132 |
| Noncore Storage Balancing Account (NSBA) | \$73 | \$106 | \$1,649 | \$101 | \$0 | \$6,432 | \$10,482 | \$174 |
| Pension Balancing Account (PBA) | (\$2) | (\$2) | (\$22) | (\$1) | \$0 | (\$172) | (\$2,931) | (\$50) |
| PBOP Balancing Account (PBOPBA) | (\$1) | (\$1) | (\$13) | (\$1) | \$0 | (\$99) | (\$1,687) | (\$29) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | \$17 | \$13 | \$45 | \$12 | \$0 | \$651 | \$1,491 | \$25 |

| COST COMPONENTS \$000's | | Source | Allocation |
|--|-----------|--------------------------|-----------------------------|
| Compression Services Balancing Account (CSBA) | (\$22) | Reg. Acct Filing 10/2017 | 2018 = NGV - 47%, CCI - 53% |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | (\$542) | Reg. Acct Filing 10/2017 | ECPT Incl EOR |
| System Reliability Memorandum Account (SRMA) | \$7,809 | Reg. Acct Filing 10/2017 | ECPT ExEOR |
| Noncore Storage Balancing Account (NSBA) | \$10,308 | Reg. Acct Filing 10/2017 | ECPT ExEOR |
| Pension Balancing Account (PBA) | (\$2,881) | Reg. Acct Filing 10/2017 | EPAM Excl EOR |
| PBOP Balancing Account (PBOPBA) | (\$1,658) | Reg. Acct Filing 10/2017 | EPAM Excl EOR |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | \$1,466 | Reg. Acct Filing 10/2017 | CYPM System Excl. Wholesale |

Allocation %

| | | | | | | | | Non | EG <3 | EG>=3 | |
|--|--------|-------|-------|--------|---------|-------|--------|-------|-------|-------|------|
| | Total | | Core | | | | Total | Core | mmth | mmth | |
| COST COMPONENTS \$000's | System | Resid | C&I | NR A/C | Gas Eng | NGV | Core | C&I | /yr | /yr | EOR |
| Compression Services Balancing Account (CSBA) | 100.0% | 0.0% | 53.0% | 0.0% | 0.0% | 47.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | 100.0% | 25.2% | 10.6% | 0.0% | 0.2% | 1.6% | 37.7% | 15.8% | 1.0% | 26.7% | 2.4% |
| System Reliability Memorandum Account (SRMA) | 100.0% | 25.9% | 10.9% | 0.0% | 0.2% | 1.7% | 38.6% | 16.2% | 1.0% | 27.4% | 0.0% |
| Noncore Storage Balancing Account (NSBA) | 100.0% | 25.9% | 10.9% | 0.0% | 0.2% | 1.7% | 38.6% | 16.2% | 1.0% | 27.4% | 0.0% |
| Pension Balancing Account (PBA) | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| PBOP Balancing Account (PBOPBA) | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | 100.0% | 42.3% | 12.5% | 0.0% | 0.2% | 1.4% | 56.3% | 13.1% | 0.8% | 23.8% | 2.1% |

| | Total Retail Non | Long | | Sout West | | Total Whole | | | Total Non |
|--|------------------------|-------|-------|--------------|--------|----------------|------|------|--------------|
| COST COMPONENTS \$000's | Core | Beach | SDG&E | Gas | Vernon | sale | DGN | TBS | Core |
| Compression Services Balancing Account (CSBA) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | 46.0% | 0.8% | 13.0% | 0.7% | 1.0% | 15.4% | 0.9% | 0.0% | 62.3% |
| System Reliability Memorandum Account (SRMA) | 44.6% | 0.8% | 13.3% | 0.7% | 1.0% | 15.8% | 1.0% | 0.0% | 61.4% |
| Noncore Storage Balancing Account (NSBA) | 44.6% | 0.8% | 13.3% | 0.7% | 1.0% | 15.8% | 1.0% | 0.0% | 61.4% |
| Pension Balancing Account (PBA) | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| PBOP Balancing Account (PBOPBA) | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | 39.8% | 1.1% | 0.0% | 1.1% | 0.9% | 3.0% | 0.8% | 0.0% | 43.7% |

NCCI Allocation

| | | Total Allocated to | | | d | |
|--|---|--------------------|--------|--------|---------|-------------------|
| COST COMPONENTS \$000's | | NCCI | NCCI-D | NCCI-T | to NCCI | Allocation Method |
| Compression Services Balancing Account (CSBA) | Υ | \$0 | \$0 | \$0 | \$0 | All NGV |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | | (\$87) | (\$49) | (\$38) | (\$87) | % AYTP |
| System Reliability Memorandum Account (SRMA) | | \$1,287 | \$730 | \$557 | \$1,287 | % AYTP |
| Noncore Storage Balancing Account (NSBA) | | \$1,699 | \$963 | \$735 | \$1,699 | % AYTP |
| Pension Balancing Account (PBA) | Υ | (\$84) | (\$74) | (\$10) | (\$84) | EPAM NonCore C&I |
| PBOP Balancing Account (PBOPBA) | Υ | (\$48) | (\$43) | (\$6) | (\$48) | EPAM NonCore C&I |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | | \$196 | \$107 | \$89 | \$196 | % CYPM |

EG Allocation

Alocation Factors Separate Distribution from Transmission

| | | | | | | Total | | |
|--|---------|--------|--------|--------------------|------------------|--------------|--------|--------|
| | | NCCI - | NCCI - | Total Allocated to | Total Allocated | Allocated to | EG-D | EG-D |
| COST COMPONENTS \$000's | Total % | D | T | EG Tier 1 (1) | to EG Tier 2 (1) | EG | Tier 1 | Tier 2 |
| Compression Services Balancing Account (CSBA) | · | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | 100% | 57% | 43% | (\$6) | (\$147) | (\$153) | (\$4) | (\$12) |
| System Reliability Memorandum Account (SRMA) | 100% | 57% | 43% | \$82 | \$2,177 | \$2,259 | \$65 | \$175 |
| Noncore Storage Balancing Account (NSBA) | 100% | 57% | 43% | \$108 | \$2,874 | \$2,982 | \$86 | \$232 |
| Pension Balancing Account (PBA) | 100% | 89% | 11% | (\$15) | (\$49) | (\$65) | (\$15) | (\$13) |
| PBOP Balancing Account (PBOPBA) | 100% | 89% | 11% | (\$9) | (\$28) | (\$37) | (\$8) | (\$8) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | 100% | 55% | 45% | \$12 | \$355 | \$367 | \$10 | \$26 |

| | | Total Allocated t | o | | EG-D Tier | EG-D |
|--|---------|----------------------|-------------------|---------|-----------|--------|
| COST COMPONENTS \$000's | EG-T | EG | Allocation Method | Total % | 1 | Tier 2 |
| Compression Services Balancing Account (CSBA) | \$0 | \$0 | All NGV | | | |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | (\$137) | (\$153) | %AYTP | 100% | 2.9% | 7.8% |
| System Reliability Memorandum Account (SRMA) | \$2,019 | \$2,259 | %AYTP | 100% | 2.9% | 7.8% |
| Noncore Storage Balancing Account (NSBA) | \$2,665 | \$2,982 | %AYTP | 100% | 2.9% | 7.8% |
| Pension Balancing Account (PBA) | (\$37) | (\$65) | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| PBOP Balancing Account (PBOPBA) | (\$21) | (\$37) | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | \$331 | \$367 | % CYPM | 100% | 2.6% | 7.2% |

| COST COMPONENTS \$000's | EG-T |
|--|-------|
| Compression Services Balancing Account (CSBA) | • |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | 89.4% |
| System Reliability Memorandum Account (SRMA) | 89.4% |
| Noncore Storage Balancing Account (NSBA) | 89.4% |
| Pension Balancing Account (PBA) | 56.7% |
| PBOP Balancing Account (PBOPBA) | 56.7% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Local Transmission | 90.2% |

| COST COMPONENTS \$000's | | | | Res | Core C&I | NR A/C | Gas Eng | NGV |
|---|---|---|-----------|-------------|-----------|-----------|-----------|----------|
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | | Υ | \$1,090 | \$704 | \$206 | \$0 | \$2 | \$17 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | | Υ | \$10,812 | \$4,658 | \$1,372 | \$0 | \$17 | \$150 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | | Υ | \$39,521 | \$25,510 | \$7,460 | \$2 | \$87 | \$611 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | | Υ | \$3,374 | \$1,453 | \$428 | \$0 | \$5 | \$47 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | | Υ | \$8,968 | \$5,789 | \$1,693 | \$1 | \$20 | \$139 |
| Research Development and Demonstration Expense Account (RDDEA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Research Royalty Memorandum Account (RRMA) | Υ | Υ | (\$71) | (\$58) | (\$9) | (\$0) | (\$0) | (\$1) |
| Self-Generation Program Memorandum Account (SGPMA) | | Υ | \$24,000 | \$6,314 | \$2,653 | \$2 | \$54 | \$407 |
| System Operator Gas Account (SOGA) | | Υ | \$102 | \$27 | \$11 | \$0 | \$0 | \$2 |
| Natural Gas Appliance Testing Memo Account (NGATMA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Balancing Account (RPBA) | Υ | Υ | \$627 | \$511 | \$83 | \$0 | \$1 | \$5 |
| Total Regulatory Accounts | | | \$263,524 | \$153,185 | \$60,656 | \$41 | \$1,126 | \$3,209 |
| Core Interstate Pipeline Demand Charges (IPDC) | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | | | \$326,871 | \$1,824,407 | \$332,463 | \$119 | \$5,533 | \$20,255 |
| EOR Revenue allocated to Other Classes \$000 | | | | (\$9,855) | (\$1,601) | (\$0) | (\$26) | (\$98) |
| EOR Costs allocated to Other Classes \$000 | | | | \$6,146 | \$998 | \$0 | \$16 | \$61 |
| Gas Engine Rate CAP adjustment | | N | \$2,182 | \$1,861 | \$302 | \$0 | (\$2,182) | \$18 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | \$1,822,559 | \$332,163 | \$119 | \$3,341 | \$20,237 |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | | | | 2,435,160 | 1,023,186 | 772 | 20,699 | 157,095 |
| Average Rate w/oFAR \$/th | | | | \$0.74844 | \$0.32464 | \$0.15436 | \$0.16141 | \$0.1288 |
| FFU Rate | | | | 101.74% | 101.74% | 101.74% | 101.74% | 101.74% |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | | | | 2,435,160 | 1,023,186 | 772 | 20,699 | 157,095 |
| Sempra Wide & TLS Adjustments:: | | | | | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | \$1,822,559 | \$332,163 | \$119 | \$3,341 | \$20,237 |
| SW NGV Adjustment | | | | | | | | (\$260) |
| SW EG Adjustment | | | | | | | | |
| TLS Adjustment | | | | | | | | |
| Amount allocated to TLS Class \$000 | | | | | | | | |
| TLS revenue paid by class @ average TLS rate \$000 | | | | | | | | |
| | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | | | | \$1,822,559 | \$332,163 | \$119 | \$3,341 | \$19,977 |
| Rate Tables | | | | \$1,822,559 | \$332,163 | \$119 | \$3,341 | \$19,977 |
| difference | | | | <i>\$0</i> | \$0 | \$0 | \$0 | \$0 |
| ANTO MILLOR | | | | 0.405.403 | 4 000 463 | 770 | 00.000 | 457.000 |
| AYTP Mth/yr | | | | 2,435,160 | 1,023,186 | 772 | 20,699 | 157,095 |

| | | Non Core | | | | Total Retail | Long | |
|---|-------------|------------|-----------|------------|-----------|--------------|-----------|----------|
| COST COMPONENTS \$000's | Total Core | C&I | EG Tier 1 | EG Tier 2 | EOR | Non Core | Beach | SDG&E |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$929 | \$120 | \$11 | \$30 | \$20 | \$180 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$6,197 | \$1,445 | \$89 | \$2,619 | \$224 | \$4,376 | \$116 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$33,671 | \$4,337 | \$390 | \$1,070 | \$728 | \$6,524 | \$0 | \$0 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$1,934 | \$451 | \$28 | \$817 | \$70 | \$1,366 | \$36 | \$0 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$7,641 | \$984 | \$88 | \$243 | \$165 | \$1,481 | \$0 | \$0 |
| Research Development and Demonstration Expense Account (RDDEA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Research Royalty Memorandum Account (RRMA) | (\$68) | (\$2) | (\$0) | (\$1) | \$0 | (\$4) | (\$0) | (\$0) |
| Self-Generation Program Memorandum Account (SGPMA) | \$9,430 | \$3,955 | \$252 | \$6,691 | \$0 | \$10,898 | \$190 | \$3,235 |
| System Operator Gas Account (SOGA) | \$40 | \$17 | \$1 | \$28 | \$0 | \$46 | \$1 | \$14 |
| Natural Gas Appliance Testing Memo Account (NGATMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Balancing Account (RPBA) | \$600 | \$18 | \$3 | \$11 | \$0 | \$32 | \$0 | \$3 |
| Total Regulatory Accounts | \$218,217 | \$20,179 | \$824 | \$19,357 | \$1,341 | \$41,701 | \$572 | \$5,743 |
| Core Interstate Pipeline Demand Charges (IPDC) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | \$2,182,777 | \$81,757 | \$11,762 | \$58,033 | \$7,672 | \$159,225 | \$2,158 | \$18,58 |
| OR Revenue allocated to Other Classes \$000 | (\$11,580) | (\$353) | (\$65) | (\$207) | | (\$625) | (\$9) | (\$67) |
| OR Costs allocated to Other Classes \$000 | \$7,221 | \$220 | \$41 | \$129 | (\$7,672) | (\$7,283) | \$6 | \$42 |
| Sas Engine Rate CAP adjustment | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| ransport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$2,178,419 | \$81,624 | \$11,738 | \$57,955 | \$0 | \$151,317 | \$2,154 | \$18,55 |
| VERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | 3,636,911 | 1,525,339 | 97,212 | 2,580,583 | | 4,203,134 | 73,520 | 1,251,5 |
| Average Rate w/oFAR \$/th | \$0.59897 | \$0.05351 | \$0.12075 | \$0.02246 | \$0.00000 | \$0.03600 | \$0.02930 | \$0.0148 |
| FFU Rate | | 101.74% | 101.74% | 101.74% | 100.00% | | 101.43% | 101.43 |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | 3,636,911 | 1,525,339 | 97,212 | 2,580,583 | 231,570 | 4,434,704 | 73,520 | 1,251,55 |
| Sempra Wide & TLS Adjustments:: | | | | | | | | |
| Fransport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$2,178,419 | \$81,624 | | \$69,693 | | \$151,317 | \$2,154 | \$18,55 |
| SW NGV Adjustment | (\$260) | | | | | \$0 | | |
| SW EG Adjustment | \$0 | | | (\$1,784) | | (\$1,784) | | |
| TLS Adjustment | | | | | | | | |
| Amount allocated to TLS Class \$000 | \$0 | (\$15,232) | | (\$46,383) | | (\$61,616) | (\$2,154) | |
| TLS revenue paid by class @ average TLS rate \$000 | \$0 | \$16,114 | | \$49,379 | | \$65,493 | \$1,496 | |
| | \$0 | \$882 | | \$2,995 | | \$3,877 | (\$658) | \$0 |
| ransport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | \$2,178,159 | \$82,506 | | \$70,904 | | \$153,411 | \$1,496 | \$18,55 |
| Rate Tables | \$2,178,159 | \$82,506 | | \$70,904 | | \$153,411 | \$1,496 | \$18,55 |
| difference | \$0 | \$0 | | \$0 | | \$0 | \$0 | \$0 |
| | | | | | | | | |

| COST COMPONENTS \$000's | Sout West Gas | Vernon | Total Whole sale | DGN | TBS | Total Non Core | Total System \$000 | |
|---|------------------|------------|---------------------|-----------|-----------|-------------------|-----------------------|------------|
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$180 | \$1,109 | \$19 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$122 | \$94 | \$332 | \$89 | \$0 | \$4,797 | \$10,994 | \$183 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,524 | \$40,195 | \$674 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$38 | \$29 | \$104 | \$28 | \$0 | \$1,497 | \$3,431 | \$57 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,481 | \$9,121 | \$153 |
| Research Development and Demonstration Expense Account (RDDEA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Research Royalty Memorandum Account (RRMA) | (\$0) | (\$0) | (\$1) | (\$0) | \$0 | (\$4) | (\$73) | (\$1) |
| Self-Generation Program Memorandum Account (SGPMA) | \$169 | \$246 | \$3,840 | \$236 | \$0 | \$14,975 | \$24,405 | \$405 |
| System Operator Gas Account (SOGA) | \$1 | \$1 | \$16 | \$1 | \$0 | \$64 | \$104 | \$2 |
| Natural Gas Appliance Testing Memo Account (NGATMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Balancing Account (RPBA) | \$0 | \$0 | \$5 | \$0 | \$0 | \$37 | \$638 | \$11 |
| Total Regulatory Accounts | \$538 | \$652 | \$7,505 | \$630 | \$0 | \$49,836 | \$268,054 | \$4,530 |
| Core Interstate Pipeline Demand Charges (IPDC) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | \$2,135 | \$2,003 | \$24,879 | \$1,724 | \$23,290 | \$209,119 | \$2,391,896 | |
| EOR Revenue allocated to Other Classes \$000 | (\$9) | (\$7) | (\$92) | (\$6) | \$0 | (\$723) | (\$12,303) | |
| EOR Costs allocated to Other Classes \$000 | \$6 | \$5 | \$57 | \$4 | \$0 | (\$7,221) | \$0 | |
| Gas Engine Rate CAP adjustment | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$2,132 | \$2,000 | \$24,844 | \$1,722 | \$23,290 | \$201,174 | \$2,379,593 | |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | 65,367 | 95,137 | 1,485,580 | 91,378 | 0 | 5,780,093 | 9,417,004 | |
| Average Rate w/oFAR \$/th | \$0.03261 | \$0.02103 | \$0.01672 | \$0.01885 | \$0.00000 | \$0.03480 | \$0.25269 | |
| FFU Rate | 101.43% | 101.43% | | 101.43% | 101.74% | | | |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | 65,367 | 95,137 | 1,485,580 | 91,378 | 0 | 6,011,663 | 9,648,574 | |
| Sempra Wide & TLS Adjustments:: | | | | | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$2,132 | \$2,000 | \$24,844 | \$1,722 | \$23,290 | \$201,174 | \$2,379,593 | |
| SW NGV Adjustment | | | \$0 | | | \$0 | (\$260) | |
| SW EG Adjustment | | | \$0 | | | (\$1,784) | (\$1,784) | |
| TLS Adjustment | | | | | | | | |
| Amount allocated to TLS Class \$000 | (\$2,132) | (\$2,000) | (\$6,286) | (\$1,722) | | (\$69,624) | (\$69,624) | |
| TLS revenue paid by class @ average TLS rate \$000 | \$1,330 | \$1,936 | \$4,763 | \$1,860 | | \$72,116 | \$72,116 | |
| | (\$801) | (\$64) | (\$1,523) | \$138 | \$0 | \$2,492 | \$2,492 | |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | \$1,330 | \$1,936 | \$23,321 | \$1,860 | \$23,290 | \$201,882 | \$2,380,041 | |
| Rate Tables | \$1,330 | \$1,936 | \$23,321 | \$1,860 | \$23,290 | \$201,882 | \$2,380,041 | |
| difference | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| AYTP Mth/yr | 65,367 | 95,137 | 1,485,580 | 91,378 | | 5,780,093 | 9,417,004 | |
| File = 2020 TCAP SCC PD Model Chaudh | ury SCG Worknan | ore page 1 | 196 of 256 | | | | Tab - Current | Cost Allos |

| COST COMPONENTS \$000's | | Source | Allocation |
|---|-----------|--------------------------|-----------------------------|
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$1,090 | Reg. Acct Filing 10/2017 | HPD CYPM System |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$10,812 | Reg. Acct Filing 10/2017 | CYPM System Excl. Wholesale |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$39,521 | Reg. Acct Filing 10/2017 | HPD CYPM System |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$3,374 | Reg. Acct Filing 10/2017 | CYPM System Excl. Wholesale |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$8,968 | Reg. Acct Filing 10/2017 | HPD CYPM System |
| Research Development and Demonstration Expense Account (RDDEA) | \$0 | Reg. Acct Filing 10/2017 | EPAM Excl EOR |
| Research Royalty Memorandum Account (RRMA) | (\$71) | Reg. Acct Filing 10/2017 | EPAM Excl EOR |
| Self-Generation Program Memorandum Account (SGPMA) | \$24,000 | Reg. Acct Filing 10/2017 | ECPT ExEOR |
| System Operator Gas Account (SOGA) | \$102 | Reg. Acct Filing 10/2017 | ECPT ExEOR |
| Natural Gas Appliance Testing Memo Account (NGATMA) | \$0 | Reg. Acct Filing 10/2017 | EPAM Excl EOR |
| Rewards & Penalties Balancing Account (RPBA) | \$627 | Reg. Acct Filing 10/2017 | EPAM Excl EOR |
| Total Regulatory Accounts | \$263,524 | | |
| Core Interstate Pipeline Demand Charges (IPDC) | \$0 | 2009FC @ 9/10/2007 | Core ECPT |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | | | |
| EOR Revenue allocated to Other Classes \$000 | | EOR | |
| EOR Costs allocated to Other Classes \$000 | | EOR | |
| Gas Engine Rate CAP adjustment | | G-EN | Core EPAM excl G-EN |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | · | | |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | | Alloc Factors | |
| Average Rate w/oFAR \$/th | | | |
| FFU Rate | | Misc Incput | |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | | | |

Sempra Wide & TLS Adjustments::

Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr SW NGV Adjustment SW EG Adjustment

TLS Adjustment

Amount allocated to TLS Class \$000

TLS revenue paid by class @ average TLS rate \$000

Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

Rate Tables difference

Allocation %

| | | | | | | | | Non | EG <3 | EG>=3 | |
|---|-----------------|-------|-------------|--------|---------|------|---------------|-------------|-------|-------|------|
| COST COMPONENTS \$000's | Total System | Resid | Core C&I | ND A/C | Gas Eng | NGV | Total Core | Core C&I | mmth | mmth | EOR |
| | | | | | | | | | /yr | /yr | |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | 100.0% | 63.4% | 18.6% | 0.0% | 0.2% | 1.5% | 83.7% | 10.8% | 1.0% | 2.7% | 1.8% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | 100.0% | 42.3% | 12.5% | 0.0% | 0.2% | 1.4% | 56.3% | 13.1% | 0.8% | 23.8% | 2.1% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | 100.0% | 63.4% | 18.6% | 0.0% | 0.2% | 1.5% | 83.7% | 10.8% | 1.0% | 2.7% | 1.8% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | 100.0% | 42.3% | 12.5% | 0.0% | 0.2% | 1.4% | 56.3% | 13.1% | 0.8% | 23.8% | 2.1% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | 100.0% | 63.4% | 18.6% | 0.0% | 0.2% | 1.5% | 83.7% | 10.8% | 1.0% | 2.7% | 1.8% |
| Research Development and Demonstration Expense Account (RDDEA) | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| Research Royalty Memorandum Account (RRMA) | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| Self-Generation Program Memorandum Account (SGPMA) | 100.0% | 25.9% | 10.9% | 0.0% | 0.2% | 1.7% | 38.6% | 16.2% | 1.0% | 27.4% | 0.0% |
| System Operator Gas Account (SOGA) | 100.0% | 25.9% | 10.9% | 0.0% | 0.2% | 1.7% | 38.6% | 16.2% | 1.0% | 27.4% | 0.0% |
| Natural Gas Appliance Testing Memo Account (NGATMA) | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| Rewards & Penalties Balancing Account (RPBA) | 100.0% | 80.1% | 13.0% | 0.0% | 0.2% | 0.8% | 94.1% | 2.9% | 0.5% | 1.7% | 0.0% |
| Total Regulatory Accounts | | 57.1% | 22.6% | 0.0% | 0.4% | 1.2% | 81.4% | 7.5% | 0.3% | 7.2% | 0.5% |
| Core Interstate Pipeline Demand Charges (IPDC) | 100.0% | 67.0% | 28.1% | 0.0% | 0.6% | 4.3% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | | | | | | | | | | | |
| EOR Revenue allocated to Other Classes \$000 | | | | | | | | | | | |
| EOR Costs allocated to Other Classes \$000 | | | | | | | | | | | |
| Gas Engine Rate CAP adjustment | 0.0% | 85.3% | 13.9% | 0.0% | -100.0% | 0.8% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | | | | | |

AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr

Average Rate w/oFAR \$/th

FFU Rate

AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr

Sempra Wide & TLS Adjustments::

Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr SW NGV Adjustment SW EG Adjustment

TLS Adjustment

Amount allocated to TLS Class \$000

TLS revenue paid by class @ average TLS rate \$000

Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

Rate Tables difference

| | Total Retail | | | Sout | | Total | | | Total |
|---|-----------------|-------|-------|------|--------|-------|------|------|-------|
| | Non | Long | | West | | Whole | | | Non |
| COST COMPONENTS \$000's | Core | Beach | SDG&E | Gas | Vernon | sale | DGN | TBS | Core |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | 16.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 16.3% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | 39.8% | 1.1% | 0.0% | 1.1% | 0.9% | 3.0% | 0.8% | 0.0% | 43.7% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | 16.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 16.3% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | 39.8% | 1.1% | 0.0% | 1.1% | 0.9% | 3.0% | 0.8% | 0.0% | 43.7% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | 16.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 16.3% |
| Research Development and Demonstration Expense Account (RDDEA) | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| Research Royalty Memorandum Account (RRMA) | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| Self-Generation Program Memorandum Account (SGPMA) | 44.6% | 0.8% | 13.3% | 0.7% | 1.0% | 15.8% | 1.0% | 0.0% | 61.4% |
| System Operator Gas Account (SOGA) | 44.6% | 0.8% | 13.3% | 0.7% | 1.0% | 15.8% | 1.0% | 0.0% | 61.4% |
| Natural Gas Appliance Testing Memo Account (NGATMA) | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| Rewards & Penalties Balancing Account (RPBA) | 5.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.7% | 0.0% | 0.0% | 5.9% |
| Total Regulatory Accounts | 15.6% | 0.2% | 2.1% | 0.2% | 0.2% | 2.8% | 0.2% | 0.0% | 18.6% |
| Core Interstate Pipeline Demand Charges (IPDC) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | | | | | | | | | |
| EOR Revenue allocated to Other Classes \$000 | | | | | | | | | |
| EOR Costs allocated to Other Classes \$000 | | | | | | | | | |
| Gas Engine Rate CAP adjustment | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | | | |

AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr

Average Rate w/oFAR \$/th

FFU Rate

AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr

Sempra Wide & TLS Adjustments::

Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr SW NGV Adjustment SW EG Adjustment

TLS Adjustment

Amount allocated to TLS Class \$000

TLS revenue paid by class @ average TLS rate \$000

Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

Rate Tables difference

File = 2020 TCAP SCG RD Model

NCCI Allocation

| | | Total Allocated to | | | Total Allocated | d |
|---|---|--------------------|-----------|------------|-----------------|--------------------------|
| COST COMPONENTS \$000's | | NCCI | NCCI-D | NCCI-T | to NCCI | Allocation Method |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | | \$120 | \$120 | \$0 | \$120 | %HPD Peak Month |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | | \$1,445 | \$792 | \$653 | \$1,445 | % CYPM |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | | \$4,337 | \$4,337 | \$0 | \$4,337 | %HPD Peak Month |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | | \$451 | \$247 | \$204 | \$451 | % CYPM |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | | \$984 | \$984 | \$0 | \$984 | %HPD Peak Month |
| Research Development and Demonstration Expense Account (RDDEA) | Y | \$0 | \$0 | \$0 | \$0 | EPAM NonCore C&I |
| Research Royalty Memorandum Account (RRMA) | Y | (\$2) | (\$2) | (\$0) | (\$2) | EPAM NonCore C&I |
| Self-Generation Program Memorandum Account (SGPMA) | | \$3,955 | \$2,243 | \$1,712 | \$3,955 | % AYTP |
| System Operator Gas Account (SOGA) | | \$17 | \$10 | \$7 | \$17 | % AYTP |
| Natural Gas Appliance Testing Memo Account (NGATMA) | Y | \$0 | \$0 | \$0 | \$0 | EPAM NonCore C&I |
| Rewards & Penalties Balancing Account (RPBA) | Y | \$18 | \$16 | \$2 | \$18 | EPAM NonCore C&I |
| Total Regulatory Accounts | | \$20,179 | \$13,084 | \$7,095 | \$20,179 | |
| Core Interstate Pipeline Demand Charges (IPDC) | | \$0 | \$0 | \$0 | \$0 | % AYTP |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | | \$81,757 | \$66,510 | \$15,248 | \$81,757 | |
| EOR Revenue allocated to Other Classes \$000 | | (\$353) | (\$312) | (\$41) | (\$353) | EPAM NonCore C&I |
| EOR Costs allocated to Other Classes \$000 | | \$220 | \$195 | \$25 | \$220 | EPAM NonCore C&I |
| Gas Engine Rate CAP adjustment | | \$0 | \$0 | \$0 | \$0 | EPAM NonCore C&I |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | \$81,624 | \$66,392 | \$15,232 | \$81,624 | |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | | 1,525,339 | 865,102 | 660,238 | 1,525,339 | |
| Average Rate w/oFAR \$/th | | \$0.05351 | \$0.07674 | \$0.02307 | \$0.05351 | |
| FFU Rate | | 101.74% | 101.74% | 101.74% | 101.74% | |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | | 1,525,339 | 865,102 | 660,238 | 1,525,339 | |
| Sempra Wide & TLS Adjustments:: | | | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | \$81,624 | \$66,392 | \$15,232 | \$81,624 | |
| SW NGV Adjustment | | | | | \$0 | |
| SW EG Adjustment | | | | | \$0 | |
| TLS Adjustment | | | | | \$0 | |
| Amount allocated to TLS Class \$000 | | (\$81,624) | | (\$15,232) | (\$15,232) | |
| TLS revenue paid by class @ average TLS rate \$000 | | \$16,114 | | \$16,114 | \$16,114 | |
| | | (\$65,510) | \$0 | \$882 | \$882 | |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | | \$16,114 | \$66,392 | \$16,114 | \$82,506 | |
| Rate Tables difference | | | | | | |
| AYTP Mth/yr | | 1,525,339 | 865,102 | 660,238 | 1,525,339 | |

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Tab = Current Cost Alloc

EG Allocation

| | Alocation | n Factor | <u>'s</u> | Separate Distribut | ion from Transm | <u>ission</u> | | |
|---|-----------|----------|-----------|--------------------|------------------|---------------|-----------|---------------|
| | | | NCCI - | Total Allocated to | | | EG-D | EG-D |
| COST COMPONENTS \$000's | Total % | D | T | EG Tier 1 (1) | to EG Tier 2 (1) | EG | Tier 1 | Tier 2 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | 100% | 100% | 0% | \$11 | \$30 | \$40 | \$11 | \$30 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | 100% | 55% | 45% | \$89 | \$2,619 | \$2,708 | \$71 | \$195 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | 100% | 100% | 0% | \$390 | \$1,070 | \$1,459 | \$390 | \$1,070 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | 100% | 55% | 45% | \$28 | \$817 | \$845 | \$22 | \$61 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | 100% | 100% | 0% | \$88 | \$243 | \$331 | \$88 | \$243 |
| Research Development and Demonstration Expense Account (RDDEA) | 100% | 89% | 11% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Research Royalty Memorandum Account (RRMA) | 100% | 89% | 11% | (\$0) | (\$1) | (\$2) | (\$0) | (\$0) |
| Self-Generation Program Memorandum Account (SGPMA) | 100% | 57% | 43% | \$252 | \$6,691 | \$6,943 | \$200 | \$539 |
| System Operator Gas Account (SOGA) | 100% | 57% | 43% | \$1 | \$28 | \$29 | \$1 | \$2 |
| Natural Gas Appliance Testing Memo Account (NGATMA) | 100% | 89% | 11% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Balancing Account (RPBA) | 100% | 89% | 11% | \$3 | \$11 | \$14 | \$3 | \$3 |
| Total Regulatory Accounts | | | | \$824 | \$19,357 | \$20,181 | \$700 | \$2,562 |
| Core Interstate Pipeline Demand Charges (IPDC) | 100% | 57% | 43% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | | | | \$11,762 | \$58,033 | \$69,796 | \$11,024 | \$12,330 |
| EOR Revenue allocated to Other Classes \$000 | 100% | 89% | 11% | (\$65) | (\$207) | (\$273) | (\$62) | (\$56) |
| EOR Costs allocated to Other Classes \$000 | 100% | 89% | 11% | \$41 | \$129 | \$170 | \$38 | \$35 |
| Gas Engine Rate CAP adjustment | 100% | 89% | 11% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | \$11,738 | \$57,955 | \$69,693 | \$11,001 | \$12,308 |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | | | | 97,212 | 2,580,583 | 2,677,795 | 77,207 | 207,889 |
| Average Rate w/oFAR \$/th | | | | \$0.12075 | \$0.02246 | \$0.02603 | \$0.14249 | \$0.05921 |
| FFU Rate | | | | 101.7% | 101.7% | 101.7% | 101.7% | 101.7% |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | | | | 97,212 | 2,580,583 | 2,677,795 | 77,207 | 207,889 |
| Sempra Wide & TLS Adjustments:: | | | | | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | \$11,001 | \$12,308 |
| SW NGV Adjustment | | | | | | | ψ,σσ. | ψ.Ξ,σσσ |
| SW EG Adjustment | | | | | | | (\$1,102) | (\$682) |
| TLS Adjustment | | | | | | | | |
| Amount allocated to TLS Class \$000 | | | | | | | | |
| TLS revenue paid by class @ average TLS rate \$000 | | | | | | | | |
| | | | | | | | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | | | | | | | \$9,899 | \$11,626 |
| Rate Tables | | | | | | | *-, | · · · · · · · |
| difference | | | | | | | | |

AYTP Mth/yr 207,889

| | | Total | | | FOR The | F0 D |
|---|------------|--------------------|--------------------------|---------|----------------|----------------|
| COST COMPONENTS \$000's | EG-T | Allocated to EG | Allocation Method | Total % | EG-D Tier 1 | EG-D Tier 2 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$0 | \$40 | % CYPM Distribution Only | 100% | 26.7% | 73.3% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$2,441 | \$2,708 | % CYPM | 100% | 2.6% | 7.2% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$0 | \$1,459 | % CYPM Distribution Only | 100% | 26.7% | 73.3% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$762 | \$845 | % CYPM | 100% | 2.6% | 7.2% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$0 | \$331 | % CYPM Distribution Only | 100% | 26.7% | 73.3% |
| Research Development and Demonstration Expense Account (RDDEA) | \$0 | \$0 | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| Research Royalty Memorandum Account (RRMA) | (\$1) | (\$2) | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| Self-Generation Program Memorandum Account (SGPMA) | \$6,204 | \$6,943 | %AYTP | 100% | 2.9% | 7.8% |
| System Operator Gas Account (SOGA) | \$26 | \$29 | %AYTP | 100% | 2.9% | 7.8% |
| Natural Gas Appliance Testing Memo Account (NGATMA) | \$0 | \$0 | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| Rewards & Penalties Balancing Account (RPBA) | \$8 | \$14 | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| Total Regulatory Accounts | \$16,919 | \$20,181 | | | | |
| Core Interstate Pipeline Demand Charges (IPDC) | \$0 | \$0 | %AYTP | 100% | 2.9% | 7.8% |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | \$46,442 | \$69,796 | | | | |
| EOR Revenue allocated to Other Classes \$000 | (\$155) | (\$273) | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| EOR Costs allocated to Other Classes \$000 | \$96 | \$170 | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| Gas Engine Rate CAP adjustment | \$0 | \$0 | EPAM NonCore C&I | 100% | 22.6% | 20.7% |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$46,383 | \$69,693 | | | | |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | 2,392,699 | 2,677,795 | | | | |
| Average Rate w/oFAR \$/th | \$0.01939 | \$0.02603 | | | | |
| FFU Rate | 101.7% | 101.7% | | | | |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | 2,392,699 | 2,677,795 | | | | |
| Sempra Wide & TLS Adjustments:: | | | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$46,383 | \$69,693 | | | | |
| SW NGV Adjustment | | | | | | |
| SW EG Adjustment | | (\$1,784) | | | | |
| | | \$0 | | | | |
| TLS Adjustment | | | | | | |
| Amount allocated to TLS Class \$000 | (\$46,383) | (\$46,383) | | | | |
| TLS revenue paid by class @ average TLS rate \$000 | \$49,379 | \$49,379 | | | | |
| | \$2,995 | \$2,995 | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | \$49,379 | \$70,904 | | | | |
| Rate Tables | | | | | | |
| difference | | | | | | |

AYTP Mth/yr 2,392,699 2,677,795

| COST COMPONENTS \$000's | EG-T |
|---|-------|
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | 0.0% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | 90.2% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | 0.0% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | 90.2% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | 0.0% |
| Research Development and Demonstration Expense Account (RDDEA) | 56.7% |
| Research Royalty Memorandum Account (RRMA) | 56.7% |
| Self-Generation Program Memorandum Account (SGPMA) | 89.4% |
| System Operator Gas Account (SOGA) | 89.4% |
| Natural Gas Appliance Testing Memo Account (NGATMA) | 56.7% |
| Rewards & Penalties Balancing Account (RPBA) | 56.7% |
| Total Regulatory Accounts | |
| Core Interstate Pipeline Demand Charges (IPDC) | 89.4% |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | |
| EOR Revenue allocated to Other Classes \$000 | 56.7% |
| EOR Costs allocated to Other Classes \$000 | 56.7% |
| Gas Engine Rate CAP adjustment | 56.7% |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | |
| Average Rate w/oFAR \$/th | |
| FFU Rate | |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | |

Sempra Wide & TLS Adjustments::

Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr SW NGV Adjustment SW EG Adjustment

TLS Adjustment

Amount allocated to TLS Class \$000

TLS revenue paid by class @ average TLS rate \$000

Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

Rate Tables difference

| COST COMPONENTS \$000's | Res | Core C&I | NR A/C | Gas Eng | NGV |
|---|-------------|-----------|-----------|-----------|-----------|
| Average Rate w/oBTS \$/th | \$0.74844 | \$0.32464 | \$0.15436 | \$0.16141 | \$0.12716 |
| Rate Tables | \$0.74844 | \$0.32464 | \$0.15436 | \$0.16141 | \$0.12716 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| BTS w/FFU Charge \$000 | \$69,601 | \$27,800 | \$20 | \$536 | \$4,070 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | \$1,892,160 | \$359,963 | \$139 | \$3,877 | \$24,047 |
| Average Rate w/ BTS \$/th | \$0.77702 | \$0.35181 | \$0.18026 | \$0.18731 | \$0.15307 |
| Rate Tables | | | | | |
| difference | | | | | |
| | | | | | |
| Effective Allocation %'s: | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | 74.6% | 12.6% | 0.0% | 0.2% | 0.8% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 79.0% | 12.8% | 0.0% | 0.2% | 0.8% |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | 76.6% | 14.0% | 0.0% | 0.1% | 0.9% |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | 76.6% | 14.0% | 0.0% | 0.1% | 0.8% |

Calculation of Alloction Factors:

Forecast AYTP Mth/yr

Forecast AYTP Dist only mth/yr

Forecast CYTP Mth/yr

Forecast # Customers

Forecast CYPM Mth/mo

CYPM Dist Only mth/mo

CYPD

Base Margin Costs from CA Model including FFU

| | | Non Core | | | | Total Retail | Long | |
|---|-------------|-----------|-----------|-----------|---------|--------------|-----------|-----------|
| COST COMPONENTS \$000's | Total Core | C&I | EG Tier 1 | EG Tier 2 | EOR | Non Core | Beach | SDG&E |
| Average Rate w/oBTS \$/th | \$0.59890 | \$0.05409 | | \$0.02648 | | \$0.03650 | \$0.02035 | \$0.01483 |
| Rate Tables | \$0.59890 | \$0.05409 | | \$0.02648 | | \$0.03650 | \$0.02035 | \$0.01483 |
| difference | \$0.00000 | \$0.00000 | | \$0.00000 | | \$0.00000 | \$0.00000 | \$0.00000 |
| BTS w/FFU Charge \$000 | \$102,028 | \$39,631 | \$2,519 | \$66,858 | \$6,000 | \$115,007 | \$2,075 | \$33,091 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | \$2,280,186 | \$122,137 | \$2,519 | \$137,762 | \$6,000 | \$268,417 | \$3,572 | \$51,649 |
| Average Rate w/ BTS \$/th | \$0.62696 | \$0.08007 | \$0.02591 | \$0.05338 | | \$0.06386 | \$0.04858 | \$0.04127 |
| Rate Tables | | | | | | | | |
| difference | | | | | | | | |
| | | | | | | | | |
| Effective Allocation %'s: | | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | 88.3% | 3.8% | 0.6% | 3.5% | 0.4% | 8.3% | 0.1% | 1.9% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 92.8% | 2.8% | 0.5% | 1.7% | 0.3% | 5.3% | 0.1% | 0.5% |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | 91.5% | 3.4% | 0.5% | 2.4% | 0.0% | 6.4% | 0.1% | 0.8% |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | 91.5% | 3.5% | 0.0% | 3.0% | 0.0% | 6.4% | 0.1% | 0.8% |

Calculation of Alloction Factors:

Forecast AYTP Mth/yr

Forecast AYTP Dist only mth/yr

Forecast CYTP Mth/yr

Forecast # Customers

Forecast CYPM Mth/mo

CYPM Dist Only mth/mo

CYPD

Base Margin Costs from CA Model including FFU

| COST COMPONENTS \$000's | Sout West Gas | Vernon | Total Whole sale | DGN | TBS | Total Non Core | Total System \$000 | |
|---|------------------|-----------|---------------------|-----------|----------|-------------------|-----------------------|--|
| Average Rate w/oBTS \$/th | \$0.02035 | \$0.02035 | \$0.01570 | \$0.02035 | | \$0.03493 | \$0.25274 | |
| Rate Tables | \$0.02035 | \$0.02035 | | \$0.02035 | | | \$0.25274 | |
| difference | \$0.00000 | \$0.00000 | | \$0.00000 | | | \$0.00000 | |
| BTS w/FFU Charge \$000 | \$1,703 | \$2,465 | \$39,335 | \$2,367 | \$0 | \$156,709 | \$258,736 | |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | \$3,034 | \$4,401 | \$62,656 | \$4,227 | \$23,290 | \$358,591 | \$2,638,777 | |
| Average Rate w/ BTS \$/th | \$0.04641 | \$0.04626 | \$0.04218 | \$0.04626 | | \$0.06204 | \$0.28021 | |
| Rate Tables | | | | | | | \$2,638,777 | |
| difference | | | | | | | \$0 | |
| | | | | | | | | |
| Effective Allocation %'s: | | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | 0.1% | 0.1% | 2.3% | 0.1% | 1.0% | 11.7% | 100.0% | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 0.1% | 0.1% | 0.7% | 0.0% | 1.1% | 7.2% | 100.0% | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | 0.1% | 0.1% | 1.0% | 0.1% | 1.0% | 8.5% | 100.0% | |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | 0.1% | 0.1% | 1.0% | 0.1% | 1.0% | 8.5% | 100.0% | |

Calculation of Alloction Factors:

Forecast AYTP Mth/yr

Forecast AYTP Dist only mth/yr

Forecast CYTP Mth/yr

Forecast # Customers

Forecast CYPM Mth/mo

CYPM Dist Only mth/mo

CYPD

Base Margin Costs from CA Model including FFU

| COST COMPONENTS \$000's | Source | Allocation | |
|--|----------|------------|--|
| Average Rate w/oBTS \$/th | • | | |
| Rate Tables | | | |
| difference | | | |
| | | | |
| BTS w/FFU Charge \$000 | SI & FAR | | |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | | | |
| Average Rate w/ BTS \$/th | | | |
| Rate Tables | | | |
| difference | | | |
| | | | |

Effective Allocation %'s:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

Calculation of Alloction Factors:

Forecast AYTP Mth/yr

Forecast AYTP Dist only mth/yr

Forecast CYTP Mth/yr

Forecast # Customers

Forecast CYPM Mth/mo

CYPM Dist Only mth/mo

CYPD

Base Margin Costs from CA Model including FFU

Allocation %

| COST COMPONENTS \$000's | Total System | Resid | Core C&I | NR A/C | Gas Eng | NGV | Total Core | Non Core C&I | EG <3 mmth /yr | EG>=3 mmth /yr | EOR |
|---|-----------------|-------|-------------|--------|---------|-----|---------------|--------------------|----------------------|----------------------|-----|
| Average Rate w/oBTS \$/th | | | | | | | | | .,,: | | |
| Rate Tables difference | | | | | | | | | | | |
| BTS w/FFU Charge \$000 Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | | | | | | | | | | | |
| Average Rate w/ BTS \$/th | | | | | | | | | | | |
| Rate Tables difference | | | | | | | | | | | |
| | | | | | | | | | | | |
| Effective Allocation %'s: | | | | | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | | | | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | | | | | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | | | | | |

Calculation of Alloction Factors:

Forecast AYTP Mth/yr

Forecast AYTP Dist only mth/yr

Forecast CYTP Mth/yr

Forecast # Customers

Forecast CYPM Mth/mo

CYPM Dist Only mth/mo

CYPD

Base Margin Costs from CA Model including FFU

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

| Total Retail Non Core | Long Beach | SDG&E | Sout West Gas | Vernon | Total Whole sale | DGN | TBS | Total Non Core |
|--------------------------------|---------------|--------------------|---------------------|------------------------------|------------------------------|--|--|--|
| * | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |
| | | | | | | | | |
| | Retail Non | Retail Non Long | Retail Non Long | Retail Sout Non Long West | Retail Sout Non Long West | Retail Sout Total Non Long West Whole | Retail Sout Total Non Long West Whole | Retail Sout Total Non Long West Whole |

Effective Allocation %'s:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

Calculation of Alloction Factors:

Forecast AYTP Mth/yr

Forecast AYTP Dist only mth/yr

Forecast CYTP Mth/yr

Forecast # Customers

Forecast CYPM Mth/mo

CYPM Dist Only mth/mo

CYPD

Base Margin Costs from CA Model including FFU

NCCI Allocation

| | Total Allocated to | | Total Allocated | | | |
|--|--------------------|-----------|-----------------|-----------|-------------------|--|
| COST COMPONENTS \$000's | NCCI | NCCI-D | NCCI-T | to NCCI | Allocation Method | |
| Average Rate w/oBTS \$/th | | | | | | |
| Rate Tables | | | | | | |
| difference | | | | | | |
| | | | | | | |
| BTS w/FFU Charge \$000 | \$39,631 | \$22,521 | \$17,109 | \$39,631 | % CYTP | |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | \$121,255 | \$88,913 | \$32,342 | \$121,255 | | |
| Average Rate w/ BTS \$/th | \$0.07949 | \$0.10278 | \$0.04898 | \$0.07949 | | |
| Rate Tables | | _ | | | | |
| difference | | | | | | |

Effective Allocation %'s:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

| Calculation of Alloction Factors: | | | | | |
|--|-----------|----------|----------|-----------|-------------------|
| Forecast AYTP Mth/yr | 1,525,339 | 865,102 | 660,238 | 1,525,339 | % AYTP |
| Forecast AYTP Dist only mth/yr | | | | | |
| Forecast CYTP Mth/yr | 1,529,668 | 869,280 | 660,388 | 1,529,668 | % CYTP |
| Forecast # Customers | 622 | 584 | 38 | 622 | % # Customers |
| Forecast CYPM Mth/mo | 124,850 | 68,423 | 56,427 | 124,850 | % CYPM |
| CYPM Dist Only mth/mo | | | | | |
| CYPD | | | | | |
| Base Margin Costs from CA Model including FFU | \$84,445 | \$66,425 | \$18,019 | | % FFU in CA model |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$58,195 | \$51,508 | \$6,687 | | EPAM NonCore C&I |

EG Allocation

Alocation Factors Separate Distribution from Transmission

| | | | | | | Total | | |
|--|---------|--------|--------|--------------------|------------------------|--------------|-----------|-----------|
| | | NCCI - | NCCI - | Total Allocated to | Total Allocated | Allocated to | EG-D | EG-D |
| COST COMPONENTS \$000's | Total % | D | Т | EG Tier 1 (1) | to EG Tier 2 (1) | EG | Tier 1 | Tier 2 |
| Average Rate w/oBTS \$/th | | | | | | | | |
| Rate Tables | | | | | | | | |
| difference | | | | | | | | |
| BTS w/FFU Charge \$000 | 100% | 57% | 43% | \$2,519 | \$66,858 | \$69,376 | \$2,000 | \$5,386 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | | | | \$14,256 | \$124,813 | \$139,069 | \$13,001 | \$17,694 |
| Average Rate w/ BTS \$/th | | | | \$0.14665 | \$0.04837 | \$0.05193 | \$0.16840 | \$0.08511 |
| Rate Tables | | | | | | _ | _ | |
| difference | | | | | | | | |

Effective Allocation %'s:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

| Calculation of Alloction Factors: | Alocation Factors | | | |
|--|-------------------|-----------|----------|----------|
| Forecast AYTP Mth/yr | 100% 56.7% 43.3% | 2,677,795 | 77,207 | 207,889 |
| Forecast AYTP Dist only mth/yr | | 285,096 | 77,207 | 207,889 |
| Forecast CYTP Mth/yr | 100% 56.8% 43.2% | 2,677,795 | 77,207 | 207,889 |
| Forecast # Customers | 100% 93.9% 6.1% | 285 | 201 | 28 |
| Forecast CYPM Mth/mo | 100% 54.8% 45.2% | 234,011 | 6,149 | 16,877 |
| CYPM Dist Only mth/mo | | 23,026 | 6,149 | 16,877 |
| CYPD | | 9,218 | 210 | 546 |
| Base Margin Costs from CA Model including FFU | 100% 78.7% 21.3% | \$90,920 | \$11,479 | \$12,875 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 100% 88.5% 11.5% | \$44,969 | \$10,154 | \$9,308 |

| | | Total Allocated to | 0 | | EG-D Tier | EG-D |
|--|-----------|--------------------|-------------------|---------|-----------|--------|
| COST COMPONENTS \$000's | EG-T | EG | Allocation Method | Total % | 1 | Tier 2 |
| Average Rate w/oBTS \$/th | • | | | | | |
| Rate Tables difference | | | | | | |
| BTS w/FFU Charge \$000 | \$61,990 | \$69,376 | %CYTP | 100% | 2.9% | 7.8% |
| Fransport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | \$108,374 | \$139,069 | | | | • |
| Average Rate w/ BTS \$/th | \$0.04529 | \$0.05193 | | | | |
| Rate Tables difference | | | | | | |

Effective Allocation %'s:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

Calculation of Alloction Factors:

| Forecast AYTP Mth/yr | 2,392,699 | Alloc Factors %AYTP | 100.0% | 2.9% | 7.8% |
|--|-----------|------------------------------------|--------|-------|-------|
| Forecast AYTP Dist only mth/yr | 0 | %AYTP Dist Only | 100.0% | 27.1% | 72.9% |
| Forecast CYTP Mth/yr | 2,392,699 | Alloc Factors %CYTP | 100.0% | 2.9% | 7.8% |
| Forecast # Customers | 56 | Alloc Factors % Forecast Customers | 100.0% | 70.7% | 9.7% |
| Forecast CYPM Mth/mo | 210,985 | Alloc Factors % CYPM | 100.0% | 2.6% | 7.2% |
| CYPM Dist Only mth/mo | 0 | % CYPM Distribution Only | 100.0% | 26.7% | 73.3% |
| CYPD | 8,462 | CYPD | | | |
| Base Margin Costs from CA Model including FFU | \$66,565 | % FFU in CA model | 100.0% | 12.6% | 14.2% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$25,507 | EPAM NonCore C&I | 100.0% | 22.6% | 20.7% |
| | | | | | |

| EG-T |
|-------|
| |
| |
| 89.4% |
| |
| |
| |
| |
| |

Effective Allocation %'s:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

Calculation of Alloction Factors:

| Forecast AYTP Mth/yr | 89.4% |
|--|-------|
| Forecast AYTP Dist only mth/yr | 0.0% |
| Forecast CYTP Mth/yr | 89.4% |
| Forecast # Customers | 19.7% |
| Forecast CYPM Mth/mo | 90.2% |
| CYPM Dist Only mth/mo | 0.0% |
| CYPD | |
| Base Margin Costs from CA Model including FFU | 73.2% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 56.7% |

COST COMPONENTS \$000's Res Core C&I NR A/C Gas Eng NGV

California Air Resources Board AB 32 Implementation Fee Regulation

AYTP Mth/yr all customers Mth/y
Less: EG Exempt Customers Mth/y
AYTP Mth/yr of Non-Exempt Customers Mth/y

Exempt EG D Tier 1
Exempt EG-D Tier 2:

Exempt EG-T:

Total Exempt EG-T Total EG Exempt

GHG Fee Adder

Non Core Total Retail Long
COST COMPONENTS \$000's Total Core C&I EG Tier 2 EOR Non Core Beach SDG&E

California Air Resources Board AB 32 Implementation Fee Regulation

AYTP Mth/yr all customers Mth/y
Less: EG Exempt Customers Mth/y
AYTP Mth/yr of Non-Exempt Customers Mth/y

Exempt EG D Tier 1
Exempt EG-D Tier 2:

Exempt EG-T:

Total Exempt EG-T
Total EG Exempt

GHG Fee Adder

| | Sout West | | Total | | | Total Non | Total System | |
|-------------------------|-----------|--------|------------|-----|-----|-----------|--------------|--|
| COST COMPONENTS \$000's | Gas | Vernon | Whole sale | DGN | TBS | Core | \$000 | |

California Air Resources Board AB 32 Implementation Fee Regulation

AYTP Mth/yr all customers Mth/y
Less: EG Exempt Customers Mth/y
AYTP Mth/yr of Non-Exempt Customers Mth/y

Exempt EG D Tier 1
Exempt EG-D Tier 2:

Exempt EG-T:

Total Exempt EG-T Total EG Exempt

GHG Fee Adder

COST COMPONENTS \$000's Source Allocation

California Air Resources Board AB 32 Implementation Fee Regulation

AYTP Mth/yr all customers Mth/y
Less: EG Exempt Customers Mth/y
AYTP Mth/yr of Non-Exempt Customers Mth/y

Exempt EG D Tier 1
Exempt EG-D Tier 2:

Exempt EG-T:

Total Exempt EG-T Total EG Exempt

GHG Fee Adder

Allocation %

| | | | | | | | Non | EG <3 | EG>=3 | |
|-------------------------|--------|-------|------|----------------|-----|-------|------|-------|-------|-----|
| | Total | | Core | | | Total | Core | mmth | mmth | |
| COST COMPONENTS \$000's | System | Resid | C&I | NR A/C Gas Eng | NGV | Core | C&I | /yr | /yr | EOR |

California Air Resources Board AB 32 Implementation Fee Regulation

AYTP Mth/yr all customers Mth/y
Less: EG Exempt Customers Mth/y
AYTP Mth/yr of Non-Exempt Customers Mth/y

Exempt EG D Tier 1
Exempt EG-D Tier 2:

Exempt EG-T:

Total Exempt EG-T Total EG Exempt

GHG Fee Adder

| | Total | | | | | | | | | |
|-------------------------|--------|-------|-------|------|--------|-------|-----|-----|-------|--|
| | Retail | | | Sout | | Total | | | Total | |
| | Non | Long | | West | | Whole | | | Non | |
| COST COMPONENTS \$000's | Core | Beach | SDG&E | Gas | Vernon | sale | DGN | TBS | Core | |

California Air Resources Board AB 32 Implementation Fee Regulation

AYTP Mth/yr all customers Mth/y
Less: EG Exempt Customers Mth/y
AYTP Mth/yr of Non-Exempt Customers Mth/y

Exempt EG D Tier 1
Exempt EG-D Tier 2:

Exempt EG-T:

Total Exempt EG-T Total EG Exempt

GHG Fee Adder

NCCI Allocation

| | Total Allocated to | | | Total Alloca |
|--|--------------------|-----------|-----------|--------------|
| COST COMPONENTS \$000's | NCCI | NCCI-D | NCCI-T | to NCCI |
| California Air Resources Board AB 32 Implementation Fee Regulation AYTP Mth/yr all customers Mth/y Less: EG Exempt Customers Mth/y AYTP Mth/yr of Non-Exempt Customers Mth/y | | | | |
| Exempt EG D Tier 1 Exempt EG-D Tier 2: | | | | |
| Exempt EG-T: | | | | |
| Total Exempt EG-T Total EG Exempt | | | | |
| GHG Fee Adder AYTP Mth/yr all customers Mth/y | 1,525,339 | 865,102 | 660,238 | |
| Less: GHG Charge Exempt Customers Mth/y | (1,093,360) | (516,229) | (577,131) | _ |

AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y

431,980

348,873

83,107

% NonExempt

EG Allocation

| | Alocatio | n Facto | <u>rs</u> | Separate Distribut | <u>ission</u> | | | |
|--|----------|---------|-----------|-------------------------------------|----------------------------------|-------------------------------------|---------------------------|-------------------------------|
| COST COMPONENTS \$000's | Total % | | NCCI - | Total Allocated to EG Tier 1 (1) | Total Allocated to EG Tier 2 (1) | | EG-D Tier 1 | EG-D Tier 2 |
| California Air Resources Board AB 32 Implementation Fee Regulation AYTP Mth/yr all customers Mth/y Less: EG Exempt Customers Mth/y AYTP Mth/yr of Non-Exempt Customers Mth/y | | | | | | 2,677,795 (1,716,604) 961,191 | 77,207 (798) 76,408 | 207,889 (1,036) 206,853 |
| Exempt EG D Tier 1 Exempt EG-D Tier 2: | | | | 798 1,036 | | | | |
| Exempt EG-T: | | | | 1,714,769 | | | | |
| Total Exempt EG-T Total EG Exempt | | | | 1,716,604 | • | | | |

GHG Fee Adder

AYTP Mth/yr all customers Mth/y

Less: GHG Charge Exempt Customers Mth/y

AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y

100.0% 80.8% 19.2%

| | Λ | Total | | | EG-D Tier | EG-D |
|--|-------------|-------|----------------------------|-------------|-----------|-----------|
| COST COMPONENTS \$000's | EG-T | EG | Allocation Method | Total % | 1 | Tier 2 |
| California Air Resources Board AB 32 Implementation Fee Regulation | | | | | | |
| AYTP Mth/yr all customers Mth/y | 2,392,699 | | | | | |
| Less: EG Exempt Customers Mth/y | (1,714,769) | | | | | |
| AYTP Mth/yr of Non-Exempt Customers Mth/y | 677,930 | | % ECPT exclExempt Customer | 100.00% | 7.9% | 21.5% |
| Exempt EG D Tier 1 | | | | | | |
| Exempt EG-D Tier 2: | | | | | | |
| | | | | | | |
| | | | | | | |
| Exempt EG-T: | | | | | | |
| Total Exempt EG-T Total EG Exempt | | | | | | |
| | | | | | | |
| GHG Fee Adder | | | | | | |
| AYTP Mth/yr all customers Mth/y | | | | 2,677,795 | 77,207 | 207,889 |
| Less: GHG Charge Exempt Customers Mth/y | | | <u>-</u> | (2,547,162) | (12,513) | (182,293) |
| AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y | | | | 130,633 | 64,694 | 25,596 |

% ECPT exclExempt Customer

100.00%

49.5%

19.6%

COST COMPONENTS \$000's

EG-T

California Air Resources Board AB 32 Implementation Fee Regulation

AYTP Mth/yr all customers Mth/y

Less: EG Exempt Customers Mth/y

AYTP Mth/yr of Non-Exempt Customers Mth/y

70.5%

Exempt EG D Tier 1

Exempt EG-D Tier 2:

Exempt EG-T:

Total Exempt EG-T Total EG Exempt

GHG Fee Adder

| AYTP Mth/yr all customers Mth/y | 2,392,699 |
|---|-------------|
| Less: GHG Charge Exempt Customers Mth/y | (2,352,356) |
| AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y | 40,343 |
| | 30.9% |

SoCalGas Reconcile Cost Allocation 2020 TCAP Application

| COST COMPONENTS \$000's | Res |
|--|-------------|
| Base Margin Costs: | |
| Customer Related Costs | \$53,110 |
| Medium Pressure Distribution Costs | (\$181,222) |
| High Pressure Distribution Costs | \$20,896 |
| Backbone Transmission Costs | \$971 |
| Local Transmission Costs | (\$776) |
| Storage - Seasonal | \$24,115 |
| Storage - Load Balancing | \$10,815 |
| Storage - TBS | \$0 |
| Uncollectibles | (\$263) |
| NGV compression adder | \$0 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | (\$72,353) |
| Less Backbone Transmission Costs | (\$971) |
| Less Local Transmission Costs | \$776 |
| Plus Local Transmission Costs w/SI, FFU | (\$789) |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | (\$73,337) |

| Other Operating Costs and Revenues | Non-ECPT? | A Add FFU Y or N? | mount to Allocate (w/o F&U) | |
|--|----------------|----------------------|--------------------------------|---------|
| AB32 Fees (subtracted from base margin and allocated here) | | Υ | \$0 | (\$46) |
| n/a | | | \$0 | \$0 |
| Company Use Gas: Other | | Υ | \$175 | \$43 |
| Company Use Gas: Storage Load Balancing | | N | \$177 | \$43 |
| AMI | Υ | Υ | \$0 | \$0 |
| Exchange Revenues & Interutility Transactions | | N | \$225 | \$61 |
| Fuel Cell Equipment Revenues | Υ | N | \$0 | \$0 |
| Marketing: DSM Program Awards | | N | \$0 | \$0 |
| Unaccounted For (UAF) Gas | | Υ | (\$1,242) | (\$722) |
| n/a | | N | \$0 | \$0 |
| Well Incidents & Surface Leaks | | Υ | (\$201) | (\$53) |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Reven | ue Requirement | | \$0 | \$0 |

| COST COMPONENTS \$000's | | | | Res |
|---|---|---|------------|------------|
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | | | \$0 \$0 | \$0 \$0 |
| | | | | |
| Regulatory Accounts | | | | |
| Affiliate Transfer Fee Account (ATFA) | Υ | Υ | \$0 | \$7 |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | Υ | Υ | \$0 | \$2 |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | | Υ | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | | Υ | \$0 | \$0 |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | | Υ | \$0 | (\$29) |
| General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) | Y | Υ | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | | Υ | \$0 | \$0 |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | | Υ | \$0 | \$0 |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | | Υ | \$0 | \$9 |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | | Υ | \$0 | \$0 |
| Core Fixed Cost Account (CFCA) | | Υ | \$0 | (\$251) |
| Core Fixed Cost Account - NGV (CFCA) | | Υ | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | Υ | Υ | \$0 | \$0 |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | | Υ | \$0 | \$0 |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | | Υ | \$0 | (\$129) |
| Enhanced Oil Recovery Account (EORA) | Υ | Υ | \$0 | \$196 |
| Environmental Fee Balance Account EFBA | | Υ | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | Y | Υ | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) Trans | Υ | Υ | \$0 | (\$35) |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | | Υ | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | | Υ | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | Y | Υ | \$0 | \$0 |
| Hazardous Substance Cost-Recovery Account (HSCRA) | | Υ | \$0 | (\$3) |
| Intervenor Award Memorandum Account (IAMA) | | Υ | \$0 | (\$2) |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | Y | Υ | \$0 | (\$10) |
| PCB Expense Account (PCBEA) | | Υ | \$0 | \$0 |
| Master Meter Balancing Account (MMBA) | Υ | Υ | \$0 | (\$245) |
| Montebello True-Up Tracking Account (MTTA) | Υ | N | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | | Υ | \$0 | (\$15) |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | Υ | Υ | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | Υ | Υ | \$0 | (\$6) |
| Noncore Fixed Cost Account (NFCA) Margin | Υ | Υ | \$0 | \$0 |
| Noncore Fixed Cost Account (NFCA) Nonmargin | | Υ | \$0 | \$0 |

| COST COMPONENTS \$000's | | | | Res |
|---|---|---|---------|-------------|
| Integrated Transmission Balancing Account (ITBA) Margin | | Y | \$0 | (\$14) |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | | Υ | \$0 | \$0 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | | Υ | \$0 | (\$11) |
| Compression Services Balancing Account (CSBA) | Υ | Υ | \$0 | \$0 |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | | Υ | \$0 | \$1 |
| System Reliability Memorandum Account (SRMA) | | Υ | \$0 | (\$15) |
| Noncore Storage Balancing Account (NSBA) | | Υ | \$0 | (\$20) |
| Pension Balancing Account (PBA) | Υ | Υ | \$0 | \$132 |
| PBOP Balancing Account (PBOPBA) | Υ | Υ | \$0 | \$76 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | | Υ | \$0 | (\$9) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | | Υ | \$0 | (\$26) |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | | Υ | \$0 | (\$67) |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | | Υ | \$0 | (\$933) |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | | Υ | \$0 | (\$21) |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | | Υ | \$0 | (\$212) |
| Research Development and Demonstration Expense Account (RDDEA) | Υ | Υ | \$0 | \$0 |
| Research Royalty Memorandum Account (RRMA) | Υ | Υ | \$0 | \$3 |
| Self-Generation Program Memorandum Account (SGPMA) | | Υ | \$0 | (\$6,281) |
| System Operator Gas Account (SOGA) | | Υ | \$0 | (\$0) |
| Natural Gas Appliance Testing Memo Account (NGATMA) | Υ | Υ | \$0 | \$0 |
| Rewards & Penalties Balancing Account (RPBA) | Υ | Υ | \$0 | (\$29) |
| Total Regulatory Accounts | | | \$0 | (\$7,937) |
| Core Interstate Pipeline Demand Charges (IPDC) | | Υ | _ | \$0 |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | | | (\$866) | (\$81,947) |
| EOR Revenue allocated to Other Classes \$000 | | | _ | (\$1,459) |
| EOR Costs allocated to Other Classes \$000 | | | | \$997 |
| Gas Engine Rate CAP adjustment | | N | \$4,631 | \$3,746 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | (\$78,662) |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | | | | (88,807) |
| Average Rate w/oBTS \$/th | | | | (\$0.00520) |
| FFU Rate | | | | 0.00% |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | | | | (88,807) |
| Sempra Wide & TLS Adjustments:: | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | | | | (\$78,662) |
| SW NGV Adjustment | | | | \$0 |
| SW EG Adjustment | | | | \$0 |
| | | | | ΨΟ |

| COST COMPONENTS \$000's | Res |
|---|--------------|
| | |
| TLS Adjustment | |
| Amount allocated to TLS Class \$000 | \$0 |
| TLS revenue paid by class @ average TLS rate \$000 | \$0 |
| | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | (\$78,662) |
| Rate Tables | (\$78,662.2) |
| difference | \$0 |
| AYTP Mth/yr | (88,807) |
| Average Rate w/oBTS \$/th | (\$0.00520) |
| Rate Tables | (\$0.00520) |
| difference | \$0.00000 |
| | |
| BTS w/FFU Charge \$000 | (\$816) |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | (\$79,478) |
| Average Rate w/ BTS \$/th | (\$0.00446) |
| Rate Tables | \$0.00000 |
| difference | \$0.00000 |
| | |
| Effective Allocation %'s: | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | -3.4% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | -3.6% |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | -3.3% |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | -3.2% |

| COST COMPONENTS \$000's | Core C&I | NR A/C | Gas Eng | NGV |
|---|------------|--------|---------|---------|
| Base Margin Costs: | | | | |
| Customer Related Costs | \$72,203 | (\$27) | \$5,031 | \$3,520 |
| Medium Pressure Distribution Costs | (\$40,561) | (\$6) | (\$404) | (\$185) |
| High Pressure Distribution Costs | \$6,592 | (\$1) | (\$32) | \$1,106 |
| Backbone Transmission Costs | \$431 | (\$6) | \$51 | \$560 |
| Local Transmission Costs | (\$99) | (\$1) | (\$32) | \$114 |
| Storage - Seasonal | \$4,448 | \$1 | \$247 | \$145 |
| Storage - Load Balancing | \$4,596 | \$1 | \$110 | \$905 |
| Storage - TBS | \$0 | \$0 | \$0 | \$0 |
| Uncollectibles | \$155 | (\$0) | \$15 | \$19 |
| NGV compression adder | \$0 | \$0 | \$0 | \$524 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$47,766 | (\$38) | \$4,987 | \$6,708 |
| Less Backbone Transmission Costs | (\$431) | \$6 | (\$51) | (\$560) |
| Less Local Transmission Costs | \$99 | \$1 | \$32 | (\$114) |
| Plus Local Transmission Costs w/SI, FFU | (\$103) | (\$1) | (\$32) | \$113 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$47,331 | (\$33) | \$4,936 | \$6,147 |
| | | | | |
| Other Operating Costs and Revenues | | | | |
| AB32 Fees (subtracted from base margin and allocated here) | (\$14) | (\$0) | \$1 | \$18 |
| n/a | \$0 | \$0 | \$0 | \$0 |
| Company Use Gas: Other | \$19 | (\$0) | \$1 | \$6 |
| Company Use Gas: Storage Load Balancing | \$19 | (\$0) | \$1 | \$6 |
| AMI | \$0 | \$0 | \$0 | \$0 |
| Exchange Revenues & Interutility Transactions | \$24 | \$0 | \$1 | \$5 |
| Fuel Cell Equipment Revenues | \$0 | \$0 | \$0 | \$0 |
| Marketing: DSM Program Awards | \$0 | \$0 | \$0 | \$0 |
| Unaccounted For (UAF) Gas | (\$269) | (\$2) | \$6 | \$89 |
| n/a | \$0 | \$0 | \$0 | \$0 |
| Well Incidents & Surface Leaks | (\$22) | (\$0) | (\$0) | (\$3) |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Re | \$0 | \$0 | \$0 | \$0 |

| COST COMPONENTS \$000's | Core C&I | NR A/C | Gas Eng | NGV |
|--|----------|--------|---------|--------|
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | \$0 | \$0 | \$0 |
| Subtotal Other Operating Costs and Revenues | (\$243) | (\$2) | \$8 | \$120 |
| Regulatory Accounts | | | | |
| Affiliate Transfer Fee Account (ATFA) | (\$3) | \$0 | (\$0) | (\$0) |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | (\$1) | \$0 | (\$0) | (\$0) |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | \$26 | \$0 | \$3 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | \$0 | \$0 | \$0 | \$0 |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | (\$4) | \$0 | (\$0) | (\$1) |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account (CFCA) | \$171 | (\$13) | \$93 | \$0 |
| Core Fixed Cost Account - NGV (CFCA) | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | \$0 | \$0 | \$0 | \$0 |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | \$0 | \$0 | \$0 | \$0 |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | (\$70) | (\$1) | \$5 | \$71 |
| Enhanced Oil Recovery Account (EORA) | (\$94) | \$0 | (\$10) | (\$13) |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) Trans | \$1 | (\$0) | (\$3) | \$11 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cost-Recovery Account (HSCRA) | (\$0) | (\$0) | \$0 | \$4 |
| Intervenor Award Memorandum Account (IAMA) | (\$0) | (\$0) | \$0 | \$3 |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | \$5 | (\$0) | \$1 | \$1 |
| PCB Expense Account (PCBEA) | \$0 | \$0 | \$0 | \$0 |
| Master Meter Balancing Account (MMBA) | \$117 | (\$0) | \$13 | \$16 |
| Montebello True-Up Tracking Account (MTTA) | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | (\$5) | (\$0) | \$0 | \$6 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$3 | (\$0) | \$0 | \$0 |
| Noncore Fixed Cost Account (NFCA) Margin | \$0 | \$0 | \$0 | \$0 |
| Noncore Fixed Cost Account (NFCA) Nonmargin | \$0 | \$0 | \$0 | \$0 |

| COST COMPONENTS \$000's | Core C&I | NR A/C | Gas Eng | NGV |
|---|-----------|-----------|-----------|-----------|
| Integrated Transmission Balancing Account (ITBA) Margin | (\$5) | (\$0) | \$1 | \$6 |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | \$0 | \$0 | \$0 | \$0 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | (\$4) | (\$0) | \$0 | \$5 |
| Compression Services Balancing Account (CSBA) | \$0 | \$0 | \$0 | \$0 |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | (\$0) | \$0 | (\$0) | (\$2) |
| System Reliability Memorandum Account (SRMA) | (\$1) | (\$0) | \$2 | \$23 |
| Noncore Storage Balancing Account (NSBA) | (\$1) | (\$0) | \$3 | \$30 |
| Pension Balancing Account (PBA) | (\$63) | \$0 | (\$7) | (\$9) |
| PBOP Balancing Account (PBOPBA) | (\$36) | \$0 | (\$4) | (\$5) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | \$0 | (\$0) | (\$1) | \$3 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | (\$4) | (\$0) | (\$1) | \$4 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$2 | (\$0) | (\$5) | \$22 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | (\$149) | (\$1) | (\$30) | \$133 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$1 | (\$0) | (\$2) | \$7 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | (\$34) | (\$0) | (\$7) | \$30 |
| Research Development and Demonstration Expense Account (RDDEA) | \$0 | \$0 | \$0 | \$0 |
| Research Royalty Memorandum Account (RRMA) | (\$2) | \$0 | (\$0) | (\$0) |
| Self-Generation Program Memorandum Account (SGPMA) | (\$2,346) | (\$2) | (\$54) | (\$407) |
| System Operator Gas Account (SOGA) | (\$0) | (\$0) | \$0 | \$0 |
| Natural Gas Appliance Testing Memo Account (NGATMA) | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Balancing Account (RPBA) | \$14 | (\$0) | \$2 | \$2 |
| Total Regulatory Accounts | (\$2,481) | (\$19) | \$0 | (\$59) |
| | \$0 | \$0 | \$0 | \$0 |
| Core Interstate Pipeline Demand Charges (IPDC) | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | \$44,606 | (\$53) | \$4,944 | \$6,208 |
| EOR Revenue allocated to Other Classes \$000 | (\$668) | \$0 | (\$41) | (\$65) |
| EOR Costs allocated to Other Classes \$000 | \$434 | (\$0) | \$26 | \$41 |
| Gas Engine Rate CAP adjustment | \$822 | \$0 | (\$4,631) | \$62 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$45,195 | (\$53) | \$298 | \$6,247 |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | (30,480) | (356) | 1,603 | 21,674 |
| Average Rate w/oBTS \$/th | \$0.05549 | \$0.00422 | \$0.00177 | \$0.01932 |
| FFU Rate | 0.00% | 0.00% | 0.00% | 0.00% |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | (30,480) | (356) | 1,603 | 21,674 |
| | , , | , , | • | , |
| Sempra Wide & TLS Adjustments:: | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$45,195 | (\$53) | \$298 | \$6,247 |
| SW NGV Adjustment | \$0 | \$0 | \$0 | (\$32) |
| SW EG Adjustment | \$0 | \$0 | \$0 | \$0 |

| COST COMPONENTS \$000's | Core C&I | NR A/C | Gas Eng | NGV |
|---|-----------|-----------|-----------|-----------|
| TIO A Francis | | | | |
| TLS Adjustment | 00 | 40 | 40 | 0.0 |
| Amount allocated to TLS Class \$000 | \$0 | \$0 | \$0 | \$0 |
| TLS revenue paid by class @ average TLS rate \$000 | \$0 | \$0 | \$0 | \$0 |
| | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | \$45,195 | (\$53) | \$298 | \$6,215 |
| Rate Tables | \$45,195 | (\$53) | \$298 | \$6,215 |
| difference | \$0 | \$0 | \$0 | \$0 |
| AYTP Mth/yr | (30,480) | (356) | 1,603 | 21,674 |
| Average Rate w/oBTS \$/th | \$0.05549 | \$0.00422 | \$0.00177 | \$0.01935 |
| Rate Tables | \$0.05549 | \$0.00422 | \$0.00177 | \$0.01935 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| BTS w/FFU Charge \$000 | (\$262) | (\$9) | \$57 | \$688 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | \$44,932 | (\$62) | \$355 | \$6,903 |
| Average Rate w/ BTS \$/th | \$0.05606 | \$0.00492 | \$0.00248 | \$0.02005 |
| Rate Tables | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| Effective Allocation %'s: | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | 2.1% | 0.0% | 0.2% | 0.3% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 2.3% | 0.0% | 0.2% | 0.3% |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | 1.9% | 0.0% | 0.0% | 0.3% |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | 1.9% | 0.0% | 0.0% | 0.3% |

| COST COMPONENTS \$000's | Total Core | Non Core C&I | EG Tier 1 | EG Tier 2 |
|---|-------------|--------------|-----------|-----------|
| Base Margin Costs: | | | | |
| Customer Related Costs | \$133,837 | \$5,378 | (\$678) | \$180 |
| Medium Pressure Distribution Costs | (\$222,377) | (\$5,333) | (\$459) | \$23 |
| High Pressure Distribution Costs | \$28,563 | \$6,632 | \$689 | \$1,824 |
| Backbone Transmission Costs | \$2,008 | \$1,980 | \$110 | \$888 |
| Local Transmission Costs | (\$794) | \$1,003 | \$4 | (\$1,234) |
| Storage - Seasonal | \$28,956 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | \$16,426 | \$7,349 | \$462 | \$11,413 |
| Storage - TBS | \$0 | \$0 | \$0 | \$0 |
| Uncollectibles | (\$73) | \$51 | \$0 | \$39 |
| NGV compression adder | \$524 | \$0 | \$0 | \$0 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | (\$12,931) | \$17,060 | \$127 | \$13,135 |
| Less Backbone Transmission Costs | (\$2,008) | (\$1,980) | (\$110) | (\$888) |
| Less Local Transmission Costs | \$794 | (\$1,003) | (\$4) | \$1,234 |
| Plus Local Transmission Costs w/SI, FFU | (\$811) | \$1,000 | \$3 | (\$1,242) |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | (\$14,956) | \$15,078 | \$17 | \$12,238 |
| | | | | |
| Other Operating Costs and Revenues | | | | |
| AB32 Fees (subtracted from base margin and allocated here) | (\$41) | \$29 | \$7 | \$4 |
| n/a | \$0 | \$0 | \$0 | \$0 |
| Company Use Gas: Other | \$69 | \$35 | \$2 | \$45 |
| Company Use Gas: Storage Load Balancing | \$68 | \$35 | \$2 | \$45 |
| AMI | \$0 | \$0 | \$0 | \$0 |
| Exchange Revenues & Interutility Transactions | \$91 | \$38 | \$2 | \$59 |
| Fuel Cell Equipment Revenues | \$0 | \$0 | \$0 | \$0 |
| Marketing: DSM Program Awards | \$0 | \$0 | \$0 | \$0 |
| Unaccounted For (UAF) Gas | (\$898) | (\$5) | (\$1) | (\$174) |
| n/a | \$0 | \$0 | \$0 | \$0 |
| Well Incidents & Surface Leaks | (\$79) | (\$32) | (\$2) | (\$56) |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Re | \$0 | \$0 | \$0 | \$0 |

| COST COMPONENTS \$000's | Total Core | Non Core C&I | EG Tier 1 | EG Tier 2 |
|--|------------|--------------|-----------|-----------|
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | \$0 | \$0 | \$0 |
| Subtotal Other Operating Costs and Revenues | (\$790) | \$100 | \$11 | (\$77) |
| Regulatory Accounts | | | | |
| Affiliate Transfer Fee Account (ATFA) | \$3 | (\$1) | \$0 | (\$1) |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | \$1 | (\$0) | \$0 | (\$0) |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | \$0 | \$0 | \$0 | \$0 |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | \$4 | (\$1) | \$0 | (\$1) |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account (CFCA) | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account - NGV (CFCA) | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | \$0 | \$0 | \$0 | \$0 |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | \$0 | \$0 | \$0 | \$0 |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | (\$123) | \$123 | \$0 | \$0 |
| Enhanced Oil Recovery Account (EORA) | \$79 | (\$30) | \$0 | (\$25) |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) Trans | (\$25) | \$101 | \$1 | (\$92) |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cost-Recovery Account (HSCRA) | \$2 | \$10 | \$0 | (\$4) |
| Intervenor Award Memorandum Account (IAMA) | \$1 | \$8 | \$0 | (\$3) |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | (\$4) | \$2 | (\$0) | \$1 |
| PCB Expense Account (PCBEA) | \$0 | \$0 | \$0 | \$0 |
| Master Meter Balancing Account (MMBA) | (\$99) | \$38 | (\$0) | \$31 |
| Montebello True-Up Tracking Account (MTTA) | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | (\$13) | \$10 | \$2 | \$1 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | (\$3) | \$1 | (\$0) | \$1 |
| Noncore Fixed Cost Account (NFCA) Margin | \$0 | \$99 | \$90 | (\$29) |
| Noncore Fixed Cost Account (NFCA) Nonmargin | \$0 | \$10 | \$1 | (\$3) |

| COST COMPONENTS \$000's | Total Core | Non Core C&I | EG Tier 1 | EG Tier 2 |
|---|------------|--------------|-----------|-----------|
| Integrated Transmission Balancing Account (ITBA) Margin | (\$12) | \$12 | \$1 | (\$14) |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | \$0 | \$0 | \$0 | \$0 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | (\$9) | \$10 | \$0 | (\$11) |
| Compression Services Balancing Account (CSBA) | \$0 | \$0 | \$0 | \$0 |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | (\$1) | (\$4) | (\$0) | \$1 |
| System Reliability Memorandum Account (SRMA) | \$9 | \$57 | \$3 | (\$22) |
| Noncore Storage Balancing Account (NSBA) | \$11 | \$75 | \$4 | (\$29) |
| Pension Balancing Account (PBA) | \$53 | (\$21) | \$0 | (\$17) |
| PBOP Balancing Account (PBOPBA) | \$31 | (\$12) | \$0 | (\$10) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | (\$7) | \$26 | \$0 | (\$24) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | (\$27) | \$17 | \$2 | \$6 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | (\$49) | \$194 | \$2 | (\$176) |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | (\$980) | \$630 | \$80 | \$204 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | (\$15) | \$60 | \$1 | (\$55) |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | (\$222) | \$143 | \$18 | \$46 |
| Research Development and Demonstration Expense Account (RDDEA) | \$0 | \$0 | \$0 | \$0 |
| Research Royalty Memorandum Account (RRMA) | \$1 | (\$1) | \$0 | (\$0) |
| Self-Generation Program Memorandum Account (SGPMA) | (\$9,090) | (\$3,955) | \$660 | \$16,475 |
| System Operator Gas Account (SOGA) | \$0 | \$1 | \$0 | (\$0) |
| Natural Gas Appliance Testing Memo Account (NGATMA) | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Balancing Account (RPBA) | (\$12) | \$4 | (\$0) | \$4 |
| Total Regulatory Accounts | (\$10,496) | (\$2,394) | \$866 | \$16,255 |
| | \$0 | \$0 | \$0 | \$0 |
| Core Interstate Pipeline Demand Charges (IPDC) | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | (\$26,243) | \$12,784 | \$893 | \$28,416 |
| EOR Revenue allocated to Other Classes \$000 | (\$2,233) | (\$181) | (\$13) | (\$131) |
| EOR Costs allocated to Other Classes \$000 | \$1,499 | \$117 | \$9 | \$84 |
| Gas Engine Rate CAP adjustment | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | (\$26,976) | \$12,720 | \$889 | \$28,370 |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | (96,366) | 20,475 | 403 | (100,420) |
| Average Rate w/oBTS \$/th | \$0.00868 | \$0.00752 | \$0.00861 | \$0.01235 |
| FFU Rate | 0.00% | 0.00% | 0.00% | 0.00% |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | (96,366) | 20,475 | 403 | (100,420) |
| · | , | | | |
| Sempra Wide & TLS Adjustments:: | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | (\$26,976) | \$12,720 | \$0 | \$29,259 |
| SW NGV Adjustment | (\$32) | \$0 | \$0 | \$0 |
| SW EG Adjustment | \$0 | \$0 | \$0 | \$795 |

| COST COMPONENTS \$000's | Total Core | Non Core C&I | EG Tier 1 | EG Tier 2 |
|---|------------|--------------|-----------|------------|
| TLS Adjustment | | | | |
| Amount allocated to TLS Class \$000 | \$0 | (\$1,400) | \$0 | (\$22,105) |
| TLS revenue paid by class @ average TLS rate \$000 | \$0 | \$4,218 | \$0 | \$14,996 |
| | \$0 | \$2,818 | \$0 | (\$7,109) |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | (\$27,008) | \$15,538 | \$0 | \$22,945 |
| Rate Tables | (\$27,008) | \$15,538 | \$0 | \$22,945 |
| difference | \$0 | \$0 | \$0 | \$0 |
| AYTP Mth/yr | (96,366) | 20,475 | 0 | (100,017) |
| Average Rate w/oBTS \$/th | \$0.00867 | \$0.00934 | \$0.00000 | \$0.00993 |
| Rate Tables | \$0.00867 | \$0.00934 | \$0.00000 | \$0.00993 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| BTS w/FFU Charge \$000 | (\$342) | \$1,620 | \$79 | (\$849) |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | (\$27,350) | \$17,158 | \$79 | \$22,097 |
| Average Rate w/ BTS \$/th | \$0.00934 | \$0.01004 | \$0.00071 | \$0.01107 |
| Rate Tables | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| Effective Allocation %'s: | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | -0.8% | 0.7% | 0.0% | 0.6% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | -0.8% | 0.7% | 0.0% | 0.6% |
| Transport Rev Reg w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | -1.1% | 0.5% | 0.0% | 1.2% |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | -1.0% | 0.7% | 0.0% | 1.0% |

| | Total Retail Non | | | |
|---|------------------|-----------|------------|-----------|
| COST COMPONENTS \$000's | EOR | Core | Long Beach | SDG&E |
| Base Margin Costs: | | | | |
| Customer Related Costs | \$24 | \$4,904 | (\$97) | \$35 |
| Medium Pressure Distribution Costs | (\$17) | (\$5,785) | \$0 | \$0 |
| High Pressure Distribution Costs | \$968 | \$10,113 | \$0 | \$0 |
| Backbone Transmission Costs | (\$168) | \$2,809 | \$198 | (\$1,109) |
| Local Transmission Costs | (\$136) | (\$363) | \$33 | (\$1,341) |
| Storage - Seasonal | \$0 | \$0 | \$0 | \$4,898 |
| Storage - Load Balancing | \$921 | \$20,145 | \$393 | \$4,899 |
| Storage - TBS | \$0 | \$0 | \$0 | \$0 |
| Uncollectibles | \$0 | \$91 | \$0 | \$0 |
| NGV compression adder | \$0 | \$0 | \$0 | \$0 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$1,592 | \$31,915 | \$527 | \$7,383 |
| Less Backbone Transmission Costs | \$168 | (\$2,809) | (\$198) | \$1,109 |
| Less Local Transmission Costs | \$136 | \$363 | (\$33) | \$1,341 |
| Plus Local Transmission Costs w/SI, FFU | (\$137) | (\$375) | \$33 | \$0 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$1,760 | \$29,093 | \$329 | \$9,832 |
| | | | | |
| Other Operating Costs and Revenues | | | | |
| AB32 Fees (subtracted from base margin and allocated here) | \$0 | \$41 | \$0 | \$0 |
| n/a | \$0 | \$0 | \$0 | \$0 |
| Company Use Gas: Other | \$3 | \$86 | \$2 | \$13 |
| Company Use Gas: Storage Load Balancing | \$3 | \$85 | \$2 | \$13 |
| AMI | \$0 | \$0 | \$0 | \$0 |
| Exchange Revenues & Interutility Transactions | \$0 | \$99 | \$2 | \$26 |
| Fuel Cell Equipment Revenues | \$0 | \$0 | \$0 | \$0 |
| Marketing: DSM Program Awards | \$0 | \$0 | \$0 | \$0 |
| Unaccounted For (UAF) Gas | (\$32) | (\$212) | \$6 | (\$187) |
| n/a | \$0 | \$0 | \$0 | \$0 |
| Well Incidents & Surface Leaks | \$0 | (\$91) | (\$1) | (\$28) |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Re | \$0 | \$0 | \$0 | \$0 |

| | | Total Retail Non | 1 | |
|--|--------|------------------|------------|---------|
| COST COMPONENTS \$000's | EOR | Core | Long Beach | SDG&E |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | \$0 | \$0 | \$0 |
| Subtotal Other Operating Costs and Revenues | (\$27) | \$7 | \$11 | (\$163) |
| Regulatory Accounts | | | | |
| Affiliate Transfer Fee Account (ATFA) | \$0 | (\$2) | (\$0) | (\$1) |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | \$0 | (\$0) | (\$0) | (\$0) |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | \$0 | \$0 | \$0 | \$0 |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | \$0 | (\$3) | (\$0) | (\$1) |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account (CFCA) | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account - NGV (CFCA) | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | \$0 | \$0 | \$0 | \$0 |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | \$0 | \$0 | \$0 | \$0 |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | \$0 | \$123 | \$0 | \$0 |
| Enhanced Oil Recovery Account (EORA) | \$0 | (\$55) | (\$1) | (\$20) |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) Trans | (\$10) | \$0 | \$4 | \$0 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cost-Recovery Account (HSCRA) | \$0 | \$7 | \$1 | (\$15) |
| Intervenor Award Memorandum Account (IAMA) | \$0 | \$5 | \$1 | (\$11) |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | \$0 | \$3 | \$0 | \$1 |
| PCB Expense Account (PCBEA) | \$0 | \$0 | \$0 | \$0 |
| Master Meter Balancing Account (MMBA) | \$0 | \$69 | \$1 | \$26 |
| Montebello True-Up Tracking Account (MTTA) | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$13 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$0 | \$2 | \$0 | \$1 |
| Noncore Fixed Cost Account (NFCA) Margin | \$0 | \$160 | \$4 | (\$161) |
| Noncore Fixed Cost Account (NFCA) Nonmargin | \$0 | | | (\$15) |

| COST COMPONENTS \$000's | EOR | Core | Long Beach | SDG&E |
|---|-----------|-----------|------------|-----------|
| Integrated Transmission Balancing Account (ITBA) Margin | \$0 | (\$1) | \$2 | \$0 |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | \$0 | \$0 | \$0 | \$0 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | \$0 | (\$1) | \$2 | \$0 |
| Compression Services Balancing Account (CSBA) | \$0 | \$0 | \$0 | \$0 |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | \$1 | (\$2) | (\$0) | \$6 |
| System Reliability Memorandum Account (SRMA) | \$0 | \$38 | \$7 | (\$84) |
| Noncore Storage Balancing Account (NSBA) | \$0 | \$50 | \$9 | (\$110) |
| Pension Balancing Account (PBA) | \$0 | (\$37) | (\$0) | (\$14) |
| PBOP Balancing Account (PBOPBA) | \$0 | (\$21) | (\$0) | (\$8) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | (\$3) | \$0 | \$1 | \$0 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$2 | \$27 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | (\$20) | \$0 | \$7 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$64 | \$979 | \$0 | \$0 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | (\$6) | \$0 | \$2 | \$0 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$15 | \$222 | \$0 | \$0 |
| Research Development and Demonstration Expense Account (RDDEA) | \$0 | \$0 | \$0 | \$0 |
| Research Royalty Memorandum Account (RRMA) | \$0 | (\$1) | (\$0) | (\$0) |
| Self-Generation Program Memorandum Account (SGPMA) | \$0 | \$13,179 | (\$190) | (\$3,235) |
| System Operator Gas Account (SOGA) | \$0 | \$0 | \$0 | (\$1) |
| Natural Gas Appliance Testing Memo Account (NGATMA) | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Balancing Account (RPBA) | \$0 | \$8 | \$0 | \$3 |
| Total Regulatory Accounts | \$42 | \$14,769 | (\$149) | (\$3,641) |
| | \$0 | \$0 | \$0 | \$0 |
| Core Interstate Pipeline Demand Charges (IPDC) | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | \$1,775 | \$43,870 | \$191 | \$6,028 |
| EOR Revenue allocated to Other Classes \$000 | \$0 | (\$326) | (\$4) | (\$85) |
| EOR Costs allocated to Other Classes \$000 | (\$1,775) | (\$1,565) | \$3 | \$54 |
| Gas Engine Rate CAP adjustment | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$0 | \$41,979 | \$190 | \$5,997 |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | 0 | (79,542) | 6,126 | (132,942) |
| Average Rate w/oBTS \$/th | \$0.00000 | \$0.01087 | \$0.00013 | \$0.00712 |
| FFU Rate | 0.00% | 0.00% | 0.00% | 0.00% |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | (22,629) | (102,170) | 6,126 | (132,942) |
| Sempra Wide & TLS Adjustments:: | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$0 | \$41,979 | \$190 | \$5,997 |
| SW NGV Adjustment | \$0 | \$0 | \$0 | \$0 |
| SW EG Adjustment | \$0 | \$795 | \$0 | \$0 |

| | | Total Retail Non | | |
|---|-----------|------------------|------------|-----------|
| COST COMPONENTS \$000's | EOR | Core | Long Beach | SDG&E |
| TLS Adjustment | | | | |
| Amount allocated to TLS Class \$000 | \$0 | (\$23,505) | (\$190) | \$0 |
| TLS revenue paid by class @ average TLS rate \$000 | \$0 | \$19,215 | \$763 | \$0 |
| | \$0 | (\$4,291) | \$573 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | \$0 | \$38,483 | \$763 | \$5,997 |
| Rate Tables | \$0 | \$38,483 | \$763 | \$5,997 |
| difference | \$0 | \$0 | \$0 | \$0 |
| AYTP Mth/yr | 0 | (79,542) | 6,126 | (132,942) |
| Average Rate w/oBTS \$/th | \$0.00000 | \$0.01004 | \$0.00802 | \$0.00712 |
| Rate Tables | \$0.00000 | \$0.01004 | \$0.00802 | \$0.00712 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| BTS w/FFU Charge \$000 | (\$439) | \$412 | \$223 | (\$2,538) |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | (\$439) | \$38,896 | \$986 | \$3,459 |
| Average Rate w/ BTS \$/th | \$0.00000 | \$0.01066 | \$0.00864 | \$0.00800 |
| Rate Tables | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| | | | | |
| Effective Allocation %'s: | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | 0.1% | 1.4% | 0.0% | 0.3% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 0.1% | 1.4% | 0.0% | 0.5% |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | 0.0% | 1.8% | 0.0% | 0.3% |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | 0.0% | 1.6% | 0.0% | 0.3% |

| COST COMPONENTS \$000's | Sout West Gas | Vernon | Total Whole sale | Ecogas |
|---|---------------|-------------|------------------|-------------------|
| Base Margin Costs: | | | | |
| Customer Related Costs | (\$165) | (\$92) | (\$319) | (\$65) |
| Medium Pressure Distribution Costs | \$0 | \$0 | \$0 | \$0 |
| High Pressure Distribution Costs | \$0 | \$0 | \$0 | \$0 |
| Backbone Transmission Costs | \$179 | \$224 | (\$508) | \$550 |
| Local Transmission Costs | \$63 | \$6 | (\$1,238) | \$146 |
| Storage - Seasonal | \$0 | \$0 | \$4,898 | \$0 |
| Storage - Load Balancing | \$316 | \$462 | \$6,071 | \$619 |
| Storage - TBS | \$0 | \$0 | \$0 | \$0 |
| Uncollectibles | \$0 | \$0 | \$0 | \$0 |
| NGV compression adder | \$0 | \$0 | \$0 | \$0 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$394 | \$599 | \$8,904 | \$1,250 |
| Less Backbone Transmission Costs | (\$179) | (\$224) | \$508 | (\$550) |
| Less Local Transmission Costs | (\$63) | (\$6) | \$1,238 | (\$146) |
| Plus Local Transmission Costs w/SI, FFU | \$63 | \$5 | \$102 | \$146 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$214 | \$375 | \$10,751 | \$700 |
| | | | | |
| Other Operating Costs and Revenues | • | • | • | • |
| AB32 Fees (subtracted from base margin and allocated here) | \$0 | \$0 \$0 | \$0 \$0 | \$0 * 0 |
| n/a | \$0 | \$0 | \$0 | \$0 \$= |
| Company Use Gas: Other | \$2 | \$2 | \$19 | \$5 |
| Company Use Gas: Storage Load Balancing | \$2 | \$2 | \$19 | \$5 |
| AMI | \$0 | \$ 0 | \$0 | \$ 0 |
| Exchange Revenues & Interutility Transactions | \$2 | \$3 | \$33 | \$3 |
| Fuel Cell Equipment Revenues | \$0 | \$0 | \$0 | \$0 |
| Marketing: DSM Program Awards | \$0 | \$0 | \$0 | \$0 |
| Unaccounted For (UAF) Gas | \$0 | \$0 | (\$181) | \$29 |
| n/a | \$0 | \$0 | \$0 | \$0 |
| Well Incidents & Surface Leaks | (\$1) | (\$2) | (\$33) | (\$2) |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Re | \$0 | \$0 | \$0 | \$0 |

| COST COMPONENTS \$000's | Sout West Gas | Vernon | Total Whole sale | Ecogas |
|--|---------------|--------|------------------|--------|
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | \$0 | \$0 | \$0 |
| Subtotal Other Operating Costs and Revenues | \$4 | \$5 | (\$143) | \$39 |
| Regulatory Accounts | | | | |
| Affiliate Transfer Fee Account (ATFA) | (\$0) | (\$0) | (\$1) | (\$0) |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | (\$0) | (\$0) | (\$0) | (\$0) |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | \$0 | \$0 | \$0 | \$0 |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | (\$0) | (\$0) | (\$1) | (\$0) |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account (CFCA) | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account - NGV (CFCA) | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | \$0 | \$0 | \$0 | \$0 |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | \$0 | \$0 | \$0 | \$0 |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | \$0 | \$0 | \$0 | \$0 |
| Enhanced Oil Recovery Account (EORA) | (\$0) | (\$1) | (\$22) | (\$1) |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) Trans | \$7 | \$1 | \$12 | \$14 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cost-Recovery Account (HSCRA) | \$0 | \$1 | (\$12) | \$4 |
| Intervenor Award Memorandum Account (IAMA) | \$0 | \$1 | (\$10) | \$3 |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | \$0 | \$0 | \$1 | \$0 |
| PCB Expense Account (PCBEA) | \$0 | \$0 | \$0 | \$0 |
| Master Meter Balancing Account (MMBA) | \$1 | \$1 | \$28 | \$2 |
| Montebello True-Up Tracking Account (MTTA) | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$0 | \$0 | \$1 | \$0 |
| Noncore Fixed Cost Account (NFCA) Margin | \$7 | \$0 | (\$150) | (\$10) |
| Noncore Fixed Cost Account (NFCA) Nonmargin | \$0 | \$1 | (\$12) | \$4 |

| COST COMPONENTS \$000's | Sout West Gas | Vernon | Total Whole sale | Ecogas |
|---|---------------|-----------|------------------|-----------|
| Integrated Transmission Balancing Account (ITBA) Margin | \$2 | \$2 | \$6 | \$7 |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | \$0 | \$0 | \$0 | \$0 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | \$1 | \$2 | \$5 | \$5 |
| Compression Services Balancing Account (CSBA) | \$0 | \$0 | \$0 | \$0 |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | (\$0) | (\$0) | \$5 | (\$2) |
| System Reliability Memorandum Account (SRMA) | \$3 | \$4 | (\$70) | \$24 |
| Noncore Storage Balancing Account (NSBA) | \$3 | \$5 | (\$92) | \$32 |
| Pension Balancing Account (PBA) | (\$0) | (\$1) | (\$15) | (\$1) |
| PBOP Balancing Account (PBOPBA) | (\$0) | (\$0) | (\$9) | (\$1) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | \$2 | \$0 | \$3 | \$4 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$0 | \$0 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$13 | \$2 | \$22 | \$26 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$0 | \$0 | \$0 | \$0 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$4 | \$1 | \$7 | \$8 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$0 | \$0 | \$0 | \$0 |
| Research Development and Demonstration Expense Account (RDDEA) | \$0 | \$0 | \$0 | \$0 |
| Research Royalty Memorandum Account (RRMA) | (\$0) | (\$0) | (\$0) | (\$0) |
| Self-Generation Program Memorandum Account (SGPMA) | (\$169) | (\$246) | (\$3,840) | (\$236) |
| System Operator Gas Account (SOGA) | \$0 | \$0 | (\$1) | \$0 |
| Natural Gas Appliance Testing Memo Account (NGATMA) | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Balancing Account (RPBA) | \$0 | \$0 | \$3 | \$0 |
| Total Regulatory Accounts | (\$127) | (\$227) | (\$4,143) | (\$117) |
| | \$0 | \$0 | \$0 | \$0 |
| Core Interstate Pipeline Demand Charges (IPDC) | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | \$91 | \$154 | \$6,464 | \$622 |
| EOR Revenue allocated to Other Classes \$000 | (\$3) | (\$4) | (\$97) | (\$6) |
| EOR Costs allocated to Other Classes \$000 | \$2 | \$3 | \$62 | \$4 |
| Gas Engine Rate CAP adjustment | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$90 | \$153 | \$6,429 | \$620 |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | 1,064 | 1,753 | (123,999) | 24,921 |
| Average Rate w/oBTS \$/th | \$0.00083 | \$0.00119 | \$0.00625 | \$0.00129 |
| FFU Rate | 0.00% | 0.00% | 0.00% | 0.00% |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | 1,064 | 1,753 | (123,999) | 24,921 |
| · | | | , | |
| Sempra Wide & TLS Adjustments:: | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$90 | \$153 | \$6,429 | \$620 |
| SW NGV Adjustment | \$0 | \$0 | \$0 | \$0 |
| SW EG Adjustment | \$0 | \$0 | \$0 | \$0 |

| COST COMPONENTS \$000's | Sout West Gas | Vernon | Total Whole sale | Ecogas |
|---|---------------|-----------|------------------|-----------|
| TLS Adjustment | | | | |
| Amount allocated to TLS Class \$000 | (\$90) | (\$153) | (\$432) | (\$620) |
| TLS revenue paid by class @ average TLS rate \$000 | \$554 | \$813 | \$2,130 | \$1,440 |
| TEO TOVOTINO PAIN BY GIASO & AVOINGO TEO TAKO \$6000 | \$464 | \$660 | \$1,698 | \$820 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | \$554 | \$813 | \$8,127 | \$1,440 |
| Rate Tables | \$554 | \$813 | \$8,127 | \$1,440 |
| difference | \$0 | \$0 | \$0 | \$0 |
| AYTP Mth/yr | 1,064 | 1,753 | (123,999) | 24,921 |
| Average Rate w/oBTS \$/th | \$0.00802 | \$0.00802 | \$0.00740 | \$0.00802 |
| Rate Tables | \$0.00802 | \$0.00802 | \$0.00000 | \$0.00802 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| BTS w/FFU Charge \$000 | \$207 | \$248 | (\$1,861) | \$728 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | \$762 | \$1,060 | \$6,267 | \$2,168 |
| Average Rate w/ BTS \$/th | \$0.01072 | \$0.01011 | \$0.00844 | \$0.00873 |
| Rate Tables | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| | | | | |
| Effective Allocation %'s: Total Marris Allocation are St. pre BTS Unbadle w/FFU. | 0.00/ | 0.00/ | 0.40/ | 0.1% |
| Total Allocated Reso Marris, poet SI, poet BTS Unbudle w/FFU | 0.0% | 0.0% | 0.4% | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 0.0% | 0.0% | 0.5% | 0.0% |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | 0.0% | 0.0% | 0.3% | 0.0% |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | 0.0% | 0.0% | 0.3% | 0.1% |

COST COMPONENTS \$000's

| 0001 001111 01121110 00000 | | | | |
|--|---|---|---|---|
| Base Margin Costs: | | | | |
| Customer Related Costs | \$0 | \$4,520 | \$138,357 | |
| Medium Pressure Distribution Costs | \$0 | (\$5,785) | (\$228,162) | |
| High Pressure Distribution Costs | \$0 | \$10,113 | \$38,676 | |
| Backbone Transmission Costs | \$0 | \$2,852 | \$4,860 | |
| Local Transmission Costs | \$0 | (\$1,456) | (\$2,250) | |
| Storage - Seasonal | \$0 | \$4,898 | \$33,854 | |
| Storage - Load Balancing | \$0 | \$26,835 | \$43,261 | |
| Storage - TBS | (\$23,290) | (\$23,290) | (\$23,290) | |
| Uncollectibles | \$0 | \$91 | \$17 | |
| NGV compression adder | \$0 | \$0 | \$524 | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | (\$23,290) | \$18,778 | \$5,847 | |
| Less Backbone Transmission Costs | \$0 | (\$2,852) | (\$4,860) | |
| Less Local Transmission Costs | \$0 | \$1,456 | \$2,250 | |
| Plus Local Transmission Costs w/SI, FFU | \$0 | (\$128) | (\$939) | |
| | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | (\$23,290) | \$17,254 | \$2,298 | |
| | | | | |
| | | | | |
| | | | | |
| Other Operating Costs and Revenues | | | | F&U Amount \$000 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) | \$0 | \$41 | \$0 | F&U Amount \$000 (\$0) |
| | \$0 \$0 | \$41 \$0 | \$0 \$0 | |
| AB32 Fees (subtracted from base margin and allocated here) | | | | (\$0) |
| AB32 Fees (subtracted from base margin and allocated here) n/a | \$0 | \$0 | \$0 | (\$0) \$0 |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other | \$0 \$0 | \$0 \$109 | \$0 \$178 | (\$0) \$0 \$3 |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing | \$0 \$0 \$0 | \$0 \$109 \$109 | \$0 \$178 \$177 | (\$0) \$0 \$3 \$0 |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI | \$0 \$0 \$0 \$0 | \$0 \$109 \$109 \$0 | \$0 \$178 \$177 \$0 | (\$0) \$0 \$3 \$0 \$0 |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions | \$0 \$0 \$0 \$0 \$0 | \$0 \$109 \$109 \$0 \$135 | \$0 \$178 \$177 \$0 \$225 | (\$0) \$0 \$3 \$0 \$0 \$0 |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues | \$0 \$0 \$0 \$0 \$0 \$0 | \$0 \$109 \$109 \$0 \$135 \$0 | \$0 \$178 \$177 \$0 \$225 \$0 | (\$0) \$0 \$3 \$0 \$0 \$0 \$0 |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards | \$0 \$0 \$0 \$0 \$0 \$0 \$0 | \$0 \$109 \$109 \$0 \$135 \$0 \$0 | \$0 \$178 \$177 \$0 \$225 \$0 \$0 | (\$0) \$0 \$3 \$0 \$0 \$0 \$0 \$0 |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas | \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | \$0 \$109 \$109 \$0 \$135 \$0 \$0 (\$364) | \$0 \$178 \$177 \$0 \$225 \$0 \$0 (\$1,263) | (\$0) \$0 \$3 \$0 \$0 \$0 \$0 \$0 (\$21) |
| AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a | \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | \$0 \$109 \$109 \$0 \$135 \$0 \$0 (\$364) \$0 | \$0 \$178 \$177 \$0 \$225 \$0 \$0 (\$1,263) \$0 | (\$0) \$0 \$3 \$0 \$0 \$0 \$0 \$0 (\$21) \$0 |

TBS

Total Non Core Total System \$000

| COST COMPONENTS \$000's | TBS | Total Non Core | Total System \$000 | |
|--|-----|----------------|--------------------|--------|
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | \$0 | \$0 | \$0 |
| Subtotal Other Operating Costs and Revenues | \$0 | (\$97) | (\$887) | (\$21) |
| Regulatory Accounts | | | | |
| Affiliate Transfer Fee Account (ATFA) | \$0 | (\$3) | \$0 | \$0 |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | \$0 | (\$1) | \$0 | \$0 |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | \$0 | \$0 | \$0 | \$0 |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | \$0 | (\$4) | \$0 | \$0 |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account (CFCA) | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account - NGV (CFCA) | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | \$0 | \$0 | \$0 | \$0 |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | \$0 | \$0 | \$0 | \$0 |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | \$0 | \$123 | \$0 | \$0 |
| Enhanced Oil Recovery Account (EORA) | \$0 | (\$79) | \$0 | \$0 |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) Trans | \$0 | \$26 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cost-Recovery Account (HSCRA) | \$0 | (\$1) | \$0 | \$0 |
| Intervenor Award Memorandum Account (IAMA) | \$0 | (\$1) | \$0 | \$0 |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | \$0 | \$4 | (\$0) | (\$0) |
| PCB Expense Account (PCBEA) | \$0 | \$0 | \$0 | \$0 |
| Master Meter Balancing Account (MMBA) | \$0 | \$99 | (\$0) | (\$0) |
| Montebello True-Up Tracking Account (MTTA) | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$13 | \$0 | (\$0) |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$0 | \$3 | (\$0) | (\$0) |
| Noncore Fixed Cost Account (NFCA) Margin | \$0 | \$0 | \$0 | \$0 |
| Noncore Fixed Cost Account (NFCA) Nonmargin | \$0 | \$0 | \$0 | \$0 |

| COST COMPONENTS \$000's | TBS | Total Non Core | Total System \$000 | |
|---|------------|----------------|--------------------|-----------|
| Integrated Transmission Balancing Account (ITBA) Margin | \$0 | \$12 | (\$0) | (\$0) |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | \$0 | \$0 | \$0 | \$0 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | \$0 | \$9 | (\$0) | (\$0) |
| Compression Services Balancing Account (CSBA) | \$0 | \$0 | \$0 | \$0 |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | \$0 | \$1 | (\$0) | (\$0) |
| System Reliability Memorandum Account (SRMA) | \$0 | (\$8) | \$0 | \$0 |
| Noncore Storage Balancing Account (NSBA) | \$0 | (\$11) | \$0 | \$0 |
| Pension Balancing Account (PBA) | \$0 | (\$53) | \$0 | \$0 |
| PBOP Balancing Account (PBOPBA) | \$0 | (\$31) | \$0 | \$0 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | \$0 | \$7 | \$0 | \$0 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$0 | \$27 | (\$0) | (\$0) |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$0 | \$49 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$0 | \$979 | (\$1) | (\$1) |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$0 | \$15 | \$0 | \$0 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$0 | \$222 | (\$0) | (\$0) |
| Research Development and Demonstration Expense Account (RDDEA) | \$0 | \$0 | \$0 | \$0 |
| Research Royalty Memorandum Account (RRMA) | \$0 | (\$1) | \$0 | \$0 |
| Self-Generation Program Memorandum Account (SGPMA) | \$0 | \$9,103 | \$12 | \$12 |
| System Operator Gas Account (SOGA) | \$0 | (\$0) | \$0 | \$0 |
| Natural Gas Appliance Testing Memo Account (NGATMA) | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Balancing Account (RPBA) | \$0 | \$12 | (\$0) | (\$0) |
| Total Regulatory Accounts | \$0 | \$10,508 | \$12 | \$12 |
| | \$0 | \$0 | \$0 | \$0 |
| Core Interstate Pipeline Demand Charges (IPDC) | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | (\$23,290) | \$27,666 | \$1,423 | \$0 |
| EOR Revenue allocated to Other Classes \$000 | \$0 | (\$429) | (\$2,661) | \$0 |
| EOR Costs allocated to Other Classes \$000 | \$0 | (\$1,499) | \$0 | \$0 |
| Gas Engine Rate CAP adjustment | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | (\$23,290) | \$25,738 | (\$1,238) | \$0 |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | 0 | (178,619) | (274,985) | 0 |
| Average Rate w/oBTS \$/th | \$0.00000 | \$0.00570 | \$0.00747 | \$0.00000 |
| FFU Rate | 0.00% | 0.00% | 0.00% | 0.00% |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | 0 | (201,248) | (297,614) | 0 |
| • | | , , | \$12.9 | |
| Sempra Wide & TLS Adjustments:: | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | (\$23,290) | \$25,738 | (\$1,238) | \$0 |
| SW NGV Adjustment | \$0 | \$0 | (\$32) | \$0 |
| SW EG Adjustment | \$0 | \$795 | \$795 | \$0 |

| COST COMPONENTS \$000's | TBS | Total Non Core | Total System \$000 | |
|---|------------|----------------|--------------------|------------|
| | | | | |
| TLS Adjustment | | | | |
| Amount allocated to TLS Class \$000 | \$0 | (\$24,558) | (\$24,558) | \$0 |
| TLS revenue paid by class @ average TLS rate \$000 | \$0 | \$22,784 | \$22,784 | \$0 |
| | \$0 | (\$1,773) | (\$1,773) | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | (\$23,290) | \$24,760 | (\$2,248) | \$0 |
| Rate Tables | (\$23,290) | \$24,760 | (\$2,248) | \$0 |
| difference | \$0 | \$0 | \$0 | <i>\$0</i> |
| AVTD Mile/ | 0 | (470.040) | (074.005) | 0 |
| AYTP Mth/yr | 0 | (178,619) | (274,985) | 0 |
| Average Rate w/oBTS \$/th | \$0.00000 | \$0.00553 | \$0.00736 | \$0.00000 |
| Rate Tables | \$0.00000 | \$0.00000 | \$0.00736 | \$0.00000 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| BTS w/FFU Charge \$000 | \$0 | (\$721) | (\$1,063) | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | (\$23,290) | \$24,039 | (\$3,311) | \$0 |
| Average Rate w/ BTS \$/th | \$0.00000 | \$0.00627 | \$0.00807 | \$0.00000 |
| Rate Tables | \$0.00000 | \$0.00000 | (\$3,310.67959) | \$0.00000 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| Effective Allocation %'s: | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | -1.0% | 0.8% | 0.0% | 0.0% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | -1.1% | 0.8% | 0.0% | 0.0% |
| Transport Rev Reg w/SI, FFU, EOR Cr w/o BTS Rev, SW adi, TLS \$000/yr | -1.0% | 1.1% | 0.0% | 0.0% |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | -1.0% | 1.0% | 0.0% | 0.0% |

| COST COMPONENTS \$000's | | NCCI-D | EG-D1 |
|--|---|--|--|
| Base Margin Costs: | | | |
| Customer Related Costs | | \$5,276 | (\$496) |
| Medium Pressure Distribution Costs | | (\$5,333) | (\$459) |
| High Pressure Distribution Costs | | \$6,632 | \$689 |
| Backbone Transmission Costs | | \$1,908 | \$286 |
| Local Transmission Costs | | \$721 | \$91 |
| Storage - Seasonal | | \$0 | \$0 |
| Storage - Load Balancing | | \$4,493 | \$449 |
| Storage - TBS | | \$0 | \$0 |
| Incollectibles | | \$41 | \$2 |
| IGV compression adder | | \$0 | \$0 |
| otal Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | \$13,738 | \$561 |
| Less Backbone Transmission Costs | | (\$1,908) | (\$286) |
| Less Local Transmission Costs | | (\$721) | (\$91) |
| | | | |
| Plus Local Transmission Costs w/SI, FFU | | \$720 | \$90 |
| | | \$720 \$11,829 | \$90 \$275 |
| | | | · |
| otal Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | Total Allocated \$000 | | · |
| Other Operating Costs and Revenues | Total Allocated \$000 \$0 | | · |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) | · | \$11,829 | \$275 |
| Ottal Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a | \$0 | \$11,829 \$49 | \$275 \$10 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other | \$0 \$0 | \$11,829 \$49 \$0 | \$275 \$10 \$0 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing | \$0 \$0 \$175 | \$11,829 \$49 \$0 \$25 | \$275 \$10 \$0 \$3 |
| Ottal Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI | \$0 \$0 \$175 \$177 | \$11,829 \$49 \$0 \$25 \$24 | \$275 \$10 \$0 \$3 \$3 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions | \$0 \$0 \$175 \$177 \$0 | \$11,829 \$49 \$0 \$25 \$24 \$0 | \$275 \$10 \$0 \$3 \$3 \$0 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues | \$0 \$0 \$175 \$177 \$0 \$225 | \$11,829 \$49 \$0 \$25 \$24 \$0 \$23 | \$275 \$10 \$0 \$3 \$3 \$0 \$2 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards | \$0 \$0 \$175 \$177 \$0 \$225 \$0 | \$11,829 \$49 \$0 \$25 \$24 \$0 \$23 \$0 | \$275 \$10 \$0 \$3 \$3 \$0 \$2 \$0 |
| Company Use Gas: Other Company Use Gas: Storage Load Balancing AMI Exchange Revenues & Interutility Transactions Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas | \$0 \$0 \$175 \$177 \$0 \$225 \$0 \$0 | \$11,829 \$49 \$0 \$25 \$24 \$0 \$23 \$0 \$0 | \$275 \$10 \$0 \$3 \$3 \$0 \$2 \$0 \$0 |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) n/a Company Use Gas: Other Company Use Gas: Storage Load Balancing | \$0 \$0 \$175 \$177 \$0 \$225 \$0 \$0 (\$1,242) | \$11,829 \$49 \$0 \$25 \$24 \$0 \$23 \$0 \$0 \$50 | \$275 \$10 \$0 \$3 \$3 \$0 \$2 \$0 \$0 \$12 |

| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 |
|--|
| Subtotal Other Operating Costs and Revenues(\$866)\$154\$29Regulatory AccountsAffiliate Transfer Fee Account (ATFA)\$0(\$1)(\$0)Biogas Conditioning/Upgrading Services Balancing Account (BCSBA)\$0(\$0)(\$0)Blythe Operational Flow Requirement Memorandum Account (BOFRMA)\$0\$0\$0Disconnect Memorandum Account (DMA)\$0\$0\$0FERC Settlement Proceeds Memorandum Account (FSPMA)\$0\$0\$0General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)\$0\$0\$0 |
| Regulatory AccountsAffiliate Transfer Fee Account (ATFA)\$0(\$1)(\$0)Biogas Conditioning/Upgrading Services Balancing Account (BCSBA)\$0(\$0)(\$0)Blythe Operational Flow Requirement Memorandum Account (BOFRMA)\$0\$0\$0Disconnect Memorandum Account (DMA)\$0\$0\$0FERC Settlement Proceeds Memorandum Account (FSPMA)\$0\$0\$0General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)\$0\$0\$0 |
| Affiliate Transfer Fee Account (ATFA) \$0 (\$1) (\$0) Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) \$0 (\$0) (\$0) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) \$0 \$0 \$0 Disconnect Memorandum Account (DMA) \$0 \$0 \$0 FERC Settlement Proceeds Memorandum Account (FSPMA) \$0 \$0 \$0 General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) \$0 \$0 \$0 |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) \$0 (\$0) (\$0) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) \$0 \$0 \$0 Disconnect Memorandum Account (DMA) \$0 \$0 \$0 FERC Settlement Proceeds Memorandum Account (FSPMA) \$0 \$0 \$0 General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) \$0 \$0 \$0 \$0 \$0 |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 |
| Disconnect Memorandum Account (DMA) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 |
| FERC Settlement Proceeds Memorandum Account (FSPMA) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) \$0 \$0 |
| |
| GPCPPMA Sub-allocation for AB32 Admin Fees \$0 \$0 \$0 |
| ONONNINA Sub allocation for ABS2 Admini 1 ees \$\text{\$\psi\$}\$ |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) \$0 \$0 \$0 |
| Distributed Energy Resources Svcs Bal Account (DERSBA) \$0 (\$1) |
| Firm Access & Storage Rights Memorandum Account (FARSMA) \$0 \$0 |
| Core Fixed Cost Account (CFCA) \$0 \$0 |
| Core Fixed Cost Account - NGV (CFCA) \$0 \$0 |
| On-Bill Financing Balancing Account (OBFBA) \$0 \$0 |
| Economic Practicality Shortfall Memorandum Account (EPSMA) \$0 \$21 \$0 |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) \$0 \$203 \$0 |
| Enhanced Oil Recovery Account (EORA) \$0 (\$24) (\$0) |
| Environmental Fee Balance Account EFBA \$0 \$0 \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) \$0 \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) Trans \$0 \$71 \$9 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor \$0 \$0 |
| Green House Gas Balancing Account (GHGBA) - End User \$0 \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF \$0 \$0 |
| Hazardous Substance Cost-Recovery Account (HSCRA) \$0 \$12 \$2 |
| Intervenor Award Memorandum Account (IAMA) \$0 \$10 \$2 |
| Gain / Loss on Sale Memorandum Account (GLOSMA) \$0 \$1 \$0 |
| PCB Expense Account (PCBEA) \$0 \$0 |
| Master Meter Balancing Account (MMBA) \$0 \$30 \$0 |
| Montebello True-Up Tracking Account (MTTA) \$0 \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount \$0 \$16 \$3 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount \$0 \$0 \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount \$0 \$1 \$0 |
| Noncore Fixed Cost Account (NFCA) Margin \$0 \$127 \$78 |
| Noncore Fixed Cost Account (NFCA) Nonmargin \$0 \$13 \$2 |

| COST COMPONENTS \$000's | | NCCI-D | EG-D1 |
|---|------------|-----------------|----------------|
| Integrated Transmission Balancing Account (ITBA) Margin | \$0 | \$18 | \$3 |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | \$0 | \$0 | \$0 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | \$0 | \$14 | \$3 |
| Compression Services Balancing Account (CSBA) | \$0 | \$0 | \$0 |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | \$0 | (\$5) | (\$1) |
| System Reliability Memorandum Account (SRMA) | \$0 | \$69 | \$12 |
| Noncore Storage Balancing Account (NSBA) | \$0 | \$92 | \$15 |
| Pension Balancing Account (PBA) | \$0 | (\$16) | (\$0) |
| PBOP Balancing Account (PBOPBA) | \$0 | (\$9) | (\$0) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | \$0 | \$18 | \$2 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$0 | \$17 | \$2 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$0 | \$136 | \$17 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$0 | \$630 | \$80 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$0 | \$42 | \$5 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$0 | \$143 | \$18 |
| Research Development and Demonstration Expense Account (RDDEA) | \$0 | \$0 | \$0 |
| Research Royalty Memorandum Account (RRMA) | \$0 | (\$0) | (\$0) |
| Self-Generation Program Memorandum Account (SGPMA) | \$0 | (\$2,243) | \$626 |
| System Operator Gas Account (SOGA) | \$0 | \$1 | \$0 |
| Natural Gas Appliance Testing Memo Account (NGATMA) | \$0 | \$0 | \$0 |
| Rewards & Penalties Balancing Account (RPBA) | \$0 | \$3 | \$0 |
| Total Regulatory Accounts | \$0 | (\$611) | \$879 |
| | \$0 | \$0 | \$0 |
| Core Interstate Pipeline Demand Charges (IPDC) | \$0 | \$0 | \$0 |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | \$0 | \$11,373 | \$1,183 |
| EOR Revenue allocated to Other Classes \$000 | \$0 | (\$149) | (\$14) |
| EOR Costs allocated to Other Classes \$000 | \$0 | \$97 | \$10 |
| Gas Engine Rate CAP adjustment | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$0 | \$11,320 | \$1,178 |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | 0 | \$54,633 | \$11,242 |
| Average Rate w/oBTS \$/th | \$0.00000 | \$0 | (\$0) |
| FFU Rate | 0.00% | \$0 | \$0 |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | 0 | \$54,633 | \$11,242 |
| Sempra Wide & TLS Adjustments:: Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr SW NGV Adjustment | \$0 \$0 | \$11,320 \$0 | \$1,178 \$0 |
| SW EG Adjustment | \$0 | \$0 | \$527 |

| COST COMPONENTS \$000's | | NCCI-D | EG-D1 |
|---|----------------|-----------------|-----------------|
| TLS Adjustment | | | |
| Amount allocated to TLS Class \$000 | \$0 | \$0 | \$0 |
| TLS revenue paid by class @ average TLS rate \$000 | \$0 | \$0 | \$0 |
| | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | \$0 | \$11,320 | \$1,705 |
| Rate Tables | \$0 | \$0 | \$0 |
| difference | \$0 | \$0 | \$0 |
| AVTD Mak har | 0 | \$54.633 | ¢44.040 |
| AYTP Mth/yr Average Rate w/oBTS \$/th | 0 \$0.00000 | \$54,633 \$0 | \$11,242 \$0 |
| | · | · | · |
| Rate Tables | \$0.00000 | \$0 | \$0 \$0 |
| difference | \$0.00000 | \$0 | \$0 |
| BTS w/FFU Charge \$000 | \$0 | \$2,063 | \$354 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | \$0 | \$13,383 | \$1,532 |
| Average Rate w/ BTS \$/th | \$0.00000 | \$0 | (\$0) |
| Rate Tables | \$0.00000 | \$0.00000 | \$0.00000 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 |
| | | | |
| Effective Allocation %'s: | 0.007 | Φ0 | Φ0 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | 0.0% | \$0 | \$ 0 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 0.0% | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | 0.0% | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | 0.0% | \$0 | \$0 |

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| COST COMPONENTS \$000's | EG-D2 | NCCI-T | EG-T | LB |
|---|---------|---------|-----------|---------|
| Base Margin Costs: | | | | |
| Customer Related Costs | \$392 | \$103 | (\$394) | (\$97) |
| Medium Pressure Distribution Costs | \$23 | \$0 | \$0 | \$0 |
| High Pressure Distribution Costs | \$1,824 | \$0 | \$0 | \$0 |
| Backbone Transmission Costs | \$859 | \$72 | (\$147) | \$198 |
| Local Transmission Costs | \$230 | \$281 | (\$1,551) | \$33 |
| Storage - Seasonal | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | \$1,246 | \$2,856 | \$10,180 | \$393 |
| Storage - TBS | \$0 | \$0 | \$0 | \$0 |
| Uncollectibles | \$14 | \$10 | \$24 | \$0 |
| NGV compression adder | \$0 | \$0 | \$0 | \$0 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$4,588 | \$3,323 | \$8,113 | \$527 |
| Less Backbone Transmission Costs | (\$859) | (\$72) | \$147 | (\$198) |
| Less Local Transmission Costs | (\$230) | (\$281) | \$1,551 | (\$33) |
| Plus Local Transmission Costs w/SI, FFU | \$230 | \$280 | (\$1,559) | \$33 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$3,729 | \$3,249 | \$8,252 | \$329 |
| | | | | |
| Other Operating Costs and Revenues | | | | |
| AB32 Fees (subtracted from base margin and allocated here) | \$29 | (\$20) | (\$27) | \$0 |
| n/a | \$0 | \$0 | \$0 | \$0 |
| Company Use Gas: Other | \$8 | \$11 | \$36 | \$2 |
| Company Use Gas: Storage Load Balancing | \$8 | \$11 | \$36 | \$2 |
| AMI | \$0 | \$0 | \$0 | \$0 |
| Exchange Revenues & Interutility Transactions | \$6 | \$15 | \$52 | \$2 |
| Fuel Cell Equipment Revenues | \$0 | \$0 | \$0 | \$0 |
| Marketing: DSM Program Awards | \$0 | \$0 | \$0 | \$0 |
| Unaccounted For (UAF) Gas | \$39 | (\$55) | (\$227) | \$6 |
| n/a | \$0 | \$0 | \$0 | \$0 |
| Well Incidents & Surface Leaks | (\$3) | (\$15) | (\$54) | (\$1) |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Re | \$0 | \$0 | \$0 | \$0 |

| Screen House Gas Balancing Account (CHGBA) - LUAF Revenue Requirement \$88 (\$54) (\$183) \$11 | COST COMPONENTS \$000's | EG-D2 | NCCI-T | EG-T | LB |
|--|--|--------|--------|---------|-------|
| Same | Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | \$0 | \$0 | \$0 |
| Solidatory Accounts Solidatory Account (ATFA) (\$0) (\$0) (\$0) (\$1) (\$0) (\$0) (\$0) (\$0) (\$0) (\$0) (\$0) (\$0 | Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | \$0 | \$0 | \$0 |
| Sequilatory Accounts Sequilatory Account Common Sequil | Subtotal Other Operating Costs and Revenues | \$88 | (\$54) | (\$183) | \$11 |
| Iffiliate Transfer Fee Account (ATFA) (\$0) (\$0) (\$1) (\$0) (\$ | | | | | \$0 |
| isigas Conditioning/Upgrading Services Balancing Account (BCSBA) (\$0) (\$0) (\$0) (\$0) (\$0) (\$0) (\$0) (\$0 | Regulatory Accounts | | | | 0 |
| Agric Coperational Flow Requirement Memorandum Account (BOFRMA) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$ | Affiliate Transfer Fee Account (ATFA) | (\$0) | (\$0) | (\$1) | (\$0) |
| Seconnect Memorandum Account (DMA) \$0 \$0 \$0 \$0 \$0 | Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | (\$0) | (\$0) | (\$0) | (\$0) |
| ERC Settlement Proceeds Memorandum Account (FSPMA) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | \$0 | \$0 | \$0 | \$0 |
| Semeral Rate Case Revenue Requirement Memorandum Account (GRCRRMA) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$ | Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 |
| SCRCRRMA Sub allocation for AB32 Admin Fees \$0 | FERC Settlement Proceeds Memorandum Account (FSPMA) | \$0 | \$0 | \$0 | \$0 |
| Separation Sep | General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) | \$0 | \$0 | \$0 | \$0 |
| Sistributed Energy Resources Svcs Bal Account (DERSBA) (\$0) (\$0) (\$0) (\$1) (\$0) (\$0) (\$1) (\$0) (\$1) (\$0) (\$1) (\$0) (\$1) (\$1) (\$0) (\$1) (\$1) (\$1) (\$1) (\$1) (\$1) (\$1) (\$1 | GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 |
| Sim Access & Storage Rights Memorandum Account (FARSMA) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$ | DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | \$0 | \$0 | \$0 | \$0 |
| core Fixed Cost Account (CFCA) \$0 \$0 \$0 \$0 core Fixed Cost Account - NGV (CFCA) \$0 \$0 \$0 \$0 core Fixed Cost Account - NGV (CFCA) \$0 \$0 \$0 \$0 connectic Fixed Cost Account (OBFBA) \$0 \$0 \$0 \$0 connectic Fixed Cost Account (Formal Memorandum Account (EPSMA) \$0 \$0 \$0 \$0 contact Fixed Cost Account (EPSMA) \$0 \$0 \$0 \$0 \$0 call fornia Solar Initative Thermal Memorandum Account (CSITPMA) \$0 \$80 \$0 \$0 chall fornia Solar Initative Thermal Memorandum Account (EORA) \$0 \$0 \$0 \$0 chall fornia Solar Initative Thermal Memorandum Account (EORA) \$0 \$0 \$0 \$0 chall fornia Solar Initative Thermal Memorandum Account (EORA) \$0 \$0 \$0 \$0 chall fornia Solar Initative Thermal Memorandum Account (EORA) \$0 \$0 \$0 \$0 cistribution Integrity Management Program Memorandum Account (IMPBA) \$0 \$0 \$0 \$0 | Distributed Energy Resources Svcs Bal Account (DERSBA) | (\$0) | (\$0) | (\$1) | (\$0) |
| core Fixed Cost Account - NGV (CFCA) \$0 \$0 \$0 \$0 on-Bill Financing Balancing Account (OBFBA) \$0 \$0 \$0 \$0 conomic Practicality Shortfall Memorandum Account (EPSMA) \$0 (\$21) \$0 \$0 california Solar Iniative Thermal Memorandum Account (CSITPMA) \$0 (\$80) \$0 \$0 california Solar Iniative Thermal Memorandum Account (EDRA) \$0 (\$80) \$0 \$0 invironmental Fee Balance Account (EDRA) \$0 \$0 \$0 \$0 \$0 invironmental Fee Balance Account EFBA \$0 \$0 \$0 \$0 \$0 invironmental Fee Balance Account (EDRA) \$0 \$0 \$0 \$0 \$0 intribution Integrity Management Program Memorandum Account (IDIMPBA) \$0 \$0 \$0 \$0 internation House Gas Balancing Account (GHGBA) - Company Gas Compressor \$0 \$0 \$0 \$0 internation Balancing Account (GHGBA) - LUAF \$0 \$0 \$0 \$0 \$0 internation Luss on Sale Memorandum Account (HSCRA) \$6 <t< td=""><td>Firm Access & Storage Rights Memorandum Account (FARSMA)</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td></t<> | Firm Access & Storage Rights Memorandum Account (FARSMA) | \$0 | \$0 | \$0 | \$0 |
| Son-Bill Financing Balancing Account (OBFBA) Son-Bill Financing Balancing Account (CBFBA) Son-Bill Financing Balancing Account (EPSMA) Son-Bill Financing Balancing Account (EPSMA) Son-Bill Financial Solar Initative Thermal Memorandum Account (CSITPMA) Son-Bill Financial Solar Initative Thermal Memorandum Account (ESITPMA) Son-Bill Financial Solar Initative Thermal Memorandum Account (GHIGPMA) Son-Bill Financial Solar Initative Thermal Memorandum Account (GHIGPMA) Son-Bill Financial Solar Initative Thermal Memorandum Account (GHIGPMA) Son-Bill Financial Solar Initative Thermal Memorandum Account (IAMA) Son-Bill Financial Solar Initative Thermal Solar Initative Thermal Solar Initiative Thermal | Core Fixed Cost Account (CFCA) | \$0 | \$0 | \$0 | \$0 |
| conomic Practicality Shortfall Memorandum Account (EPSMA) california Solar Iniative Thermal Memorandum Account (CSITPMA) so (\$80) california Solar Iniative Thermal Memorandum Account (CSITPMA) so (\$80) california Solar Iniative Thermal Memorandum Account (CSITPMA) so (\$80) california Solar Iniative Thermal Memorandum Account (CSITPMA) so (\$80) california Solar Iniative Thermal Memorandum Account (CSITPMA) so (\$80) so (\$17) solar (\$17) (\$11) california Solar Iniative Thermal Memorandum Account (CSITPMA) so (\$80) so (\$12) solar (\$17) solar (\$18) solar (\$ | Core Fixed Cost Account - NGV (CFCA) | \$0 | \$0 | \$0 | \$0 |
| salifornia Solar Iniative Thermal Memorandum Account (CSITPMA) solar Iniative Thermal Memorandum Account (CSITPMA) (\$8) (\$7) (\$17) (\$17) (\$1) nvironmental Fee Balance Account (EORA) (\$8) (\$7) (\$17) (\$17) (\$11) nvironmental Fee Balance Account EFBA \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | On-Bill Financing Balancing Account (OBFBA) | \$0 | \$0 | \$0 | \$0 |
| Inhanced Oil Recovery Account (EORA) Inhanced Oil Recovery Account (EORA) Inhanced Oil Recovery Account (EORA) Inhanced Oil Recovery Account (EORA) Inhanced Oil Recovery Account (EORA) Inhanced Oil Recovery Account (EORA) Inhanced Oil Recovery Account (EORA) Inhanced Oil Recovery Account (EORA) Inhanced Oil Recovery Account (EORA) Inhanced Oil Recovery Account (EORA) Inhanced Oil Recovery Account (EORA) Inhanced Oil Recovery Account (EORA) Inhanced Oil Recovery Account (EORA) Inhanced Oil Recovery Account (EORA) Inhanced Oil Recovery Account (EORA) Inhanced Oil Recovery Account (EORA) Inhanced Oil Recovery Memorandum Account (EORA) Inhanced Oil Recovery Memorandum (EORA) Inhanced Oil Recovery Memorandum Account (EORA) Inhanced Oil Recovery Mem | Economic Practicality Shortfall Memorandum Account (EPSMA) | \$0 | (\$21) | \$0 | \$0 |
| Invironmental Fee Balance Account EFBA Invironmental Regulation Balancing Account (NERBA) - Subpart W Subaccount Invironmental Fee Balance Account EFBA Invironmental Regulation Balancing Account (NERBA) - Subpart W Subaccount Invironmental Fee Balance Account Invironmental Fee Subaccount Invironmental Regulation Balancing Account (NERBA) - Subpart W Subaccount Invironmental Fee Balance Account Invironmental Fee Balancing A | California Solar Iniative Thermal Memorandum Account (CSITPMA) | \$0 | (\$80) | \$0 | \$0 |
| sistribution Integrity Management Program Memorandum Account (DIMPBA) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | Enhanced Oil Recovery Account (EORA) | (\$8) | (\$7) | (\$17) | (\$1) |
| ransmission Integrity Management Program Memorandum Account (TIMPBA) Trans \$22 \$30 (\$122) \$4 Freen House Gas Balancing Account (GHGBA) - Company Gas Compressor \$0 \$0 \$0 \$0 Freen House Gas Balancing Account (GHGBA) - End User Freen House Gas Balancing Account (GHGBA) - End User Freen House Gas Balancing Account (GHGBA) - LUAF Freen House Gas Balancing Account (GHGBA) - LUAF Freen House Gas Balancing Account (GHGBA) - LUAF Freen House Gas Balancing Account (GHGBA) - LUAF Freen House Gas Balancing Account (GHGBA) - LUAF Freen House Gas Balancing Account (GHGBA) - LUAF Freen House Gas Balancing Account (GHGBA) - LUAF Freen House Gas Balancing Account (HSCRA) Freen House Gas Balancing Account (HSCRA) Freen House Gas Balancing Account (HSCRA) Freen House Gas Balancing Account (GHGBA) - LUAF Freen House Gas Balancing Account (HSCRA) Freen House Gas Balancing Account (HSCRA) Freen House Gas Balancing Account (HSCRA) Freen House Gas Balancing Account (HSCRA) Freen House Gas Balancing Account (HSCRA) Freen House Gas Balancing Account (HSCRA) Freen House Gas Balancing Account (HASCA) Freen House Gas Balancing Account (HSCRA) Freen House Gas Balancing Account (HBCRA) Freen House Gas Gas Balancing Account (HBCRA) Freen House Gas Gas Gas Good Soon Soon Soon Soon Soon Soon Soon S | Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 |
| streen House Gas Balancing Account (GHGBA) - Company Gas Compressor \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 |
| sireen House Gas Balancing Account (GHGBA) - End User \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | Transmission Integrity Management Program Memorandum Account (TIMPBA) Trans | \$22 | \$30 | (\$122) | \$4 |
| streen House Gas Balancing Account (GHGBA) - LUAF \$0 \$0 \$0 \$0 Idazardous Substance Cost-Recovery Account (HSCRA) \$6 \$(\$2) \$(\$12) \$1 Intervenor Award Memorandum Account (IAMA) \$5 \$(\$2) \$(\$9) \$1 Idain / Loss on Sale Memorandum Account (GLOSMA) \$0 \$0 \$0 \$1 \$0 Idaster Meter Balancing Account (MMBA) \$10 \$8 \$21 \$1 Idontebello True-Up Tracking Account (MTTA) \$0 \$0 \$0 Idew Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount \$10 \$0 \$0 Idew Environmental Regulation Balancing Account (NERBA) - C&T Subaccount \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 |
| Second S | Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 |
| Antervenor Award Memorandum Account (IAMA) Stain / Loss on Sale Memorandum Account (GLOSMA) Solution / Loss on Sale Memorandum Account (GLOSMA) Solution / Loss on Sale Memorandum Account (GLOSMA) Solution / Solution | Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 |
| Sain / Loss on Sale Memorandum Account (GLOSMA) CB Expense Account (PCBEA) S0 S0 S0 S0 S0 S0 S0 S0 S0 S | Hazardous Substance Cost-Recovery Account (HSCRA) | \$6 | (\$2) | (\$12) | \$1 |
| CB Expense Account (PCBEA) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | Intervenor Award Memorandum Account (IAMA) | \$5 | (\$2) | (\$9) | \$1 |
| Master Meter Balancing Account (MMBA) \$10 \$8 \$21 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 | Gain / Loss on Sale Memorandum Account (GLOSMA) | \$0 | \$0 | \$1 | \$0 |
| Montebello True-Up Tracking Account (MTTA) \$0 \$0 \$0 \$0 lew Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount \$10 (\$7) (\$9) \$0 lew Environmental Regulation Balancing Account (NERBA) - C&T Subaccount \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$ | PCB Expense Account (PCBEA) | \$0 | \$0 | \$0 | \$0 |
| lew Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount \$10 (\$7) (\$9) \$0 lew Environmental Regulation Balancing Account (NERBA) - C&T Subaccount \$0 \$0 \$0 \$0 lew Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount \$0 \$0 \$1 \$0 loncore Fixed Cost Account (NFCA) Margin (\$18) (\$28) \$1 \$4 | Master Meter Balancing Account (MMBA) | \$10 | \$8 | \$21 | \$1 |
| lew Environmental Regulation Balancing Account (NERBA) - C&T Subaccount \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | Montebello True-Up Tracking Account (MTTA) | \$0 | \$0 | \$0 | \$0 |
| lew Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount \$0 \$0 \$1 \$0 \$1 \$0 \$0 \$1 \$4 | New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$10 | (\$7) | (\$9) | \$0 |
| loncore Fixed Cost Account (NFCA) Margin (\$18) (\$28) \$1 \$4 | New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 |
| | New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$0 | \$0 | \$1 | \$0 |
| loncore Fixed Cost Account (NFCA) Nonmargin \$6 (\$2) (\$11) | Noncore Fixed Cost Account (NFCA) Margin | (\$18) | (\$28) | \$1 | \$4 |
| | Noncore Fixed Cost Account (NFCA) Nonmargin | \$6 | (\$2) | (\$11) | \$1 |

| COST COMPONENTS \$000's | EG-D2 | NCCI-T | EG-T | LB |
|---|-----------------|------------|-------------|---------|
| Integrated Transmission Balancing Account (ITBA) Margin | \$10 | (\$6) | (\$27) | \$2 |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | \$0 | \$0 | \$0 | \$0 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | \$8 | (\$5) | (\$21) | \$2 |
| Compression Services Balancing Account (CSBA) | \$0 | \$0 | \$0 | \$0 |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | (\$2) | \$1 | \$4 | (\$0) |
| System Reliability Memorandum Account (SRMA) | \$36 | (\$13) | (\$66) | \$7 |
| Noncore Storage Balancing Account (NSBA) | \$47 | (\$17) | (\$88) | \$9 |
| Pension Balancing Account (PBA) | (\$5) | (\$5) | (\$11) | (\$0) |
| PBOP Balancing Account (PBOPBA) | (\$3) | (\$3) | (\$7) | (\$0) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | \$6 | \$8 | (\$32) | \$1 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$6 | \$0 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$43 | \$58 | (\$233) | \$7 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$204 | \$0 | \$0 | \$0 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$13 | \$18 | (\$73) | \$2 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$46 | \$0 | \$0 | \$0 |
| Research Development and Demonstration Expense Account (RDDEA) | \$0 | \$0 | \$0 | \$0 |
| Research Royalty Memorandum Account (RRMA) | (\$0) | (\$0) | (\$0) | (\$0) |
| Self-Generation Program Memorandum Account (SGPMA) | \$1,731 | (\$1,712) | \$14,778 | (\$190) |
| System Operator Gas Account (SOGA) | \$0 | (\$0) | (\$1) | \$0 |
| Natural Gas Appliance Testing Memo Account (NGATMA) | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Balancing Account (RPBA) | \$1 | \$1 | \$2 | \$0 |
| Total Regulatory Accounts | \$2,173 | (\$1,783) | \$14,069 | (\$149) |
| | \$0 | \$0 | \$0 | \$0 |
| Core Interstate Pipeline Demand Charges (IPDC) | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | \$5,989 | \$1,412 | \$22,138 | \$191 |
| EOR Revenue allocated to Other Classes \$000 | (\$39) | (\$32) | (\$91) | (\$4) |
| EOR Costs allocated to Other Classes \$000 | \$25 | \$20 | \$59 | \$3 |
| Gas Engine Rate CAP adjustment | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$ 5,975 | \$1,400 | \$22,105 | \$190 |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | \$35,104 | (\$34,158) | (\$146,364) | \$6,126 |
| Average Rate w/oBTS \$/th | \$0 | \$0 | \$0 | \$0 |
| FFU Rate | \$0 | \$0 | \$0 | \$0 |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | \$35,104 | (\$34,158) | (\$146,364) | \$6,126 |
| Sempra Wide & TLS Adjustments:: | | | | |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$5,975 | \$1,400 | \$22,105 | \$190 |
| SW NGV Adjustment | \$0 | \$0 | \$0 | \$0 |
| SW EG Adjustment | \$268 | \$0 | \$0 | \$0 |

| COST COMPONENTS \$000's | EG-D2 | NCCI-T | EG-T | LB |
|---|-------------|------------|-------------|-----------|
| TLS Adjustment | | | | |
| Amount allocated to TLS Class \$000 | \$0 | (\$1,400) | (\$22,105) | (\$190) |
| TLS revenue paid by class @ average TLS rate \$000 | \$0 \$0 | \$4,218 | \$14,996 | \$763 |
| 123 revenue paid by class & average 123 rate \$000 | \$0 \$0 | \$2,818 | (\$7,109) | \$573 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | \$6,244 | \$4,218 | \$14,996 | \$763 |
| Rate Tables | \$0 | \$0 | \$0 | \$763 |
| difference | \$0 | \$0 | \$0 | \$0 |
| AYTP Mth/yr | \$35,104 | (\$34,158) | (\$146,364) | \$6,126 |
| Average Rate w/oBTS \$/th | \$0 | \$0 | \$0 | \$0 |
| Rate Tables | \$ 0 | \$0 | \$0 | \$0 |
| difference | \$0 | \$0 | \$0 | \$0 |
| BTS w/FFU Charge \$000 | \$1,081 | (\$444) | (\$2,204) | \$223 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | \$7,057 | \$957 | \$19,901 | \$986 |
| Average Rate w/ BTS \$/th | \$ 0 | \$0 | \$0 | \$0 |
| Rate Tables | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| | | | | |
| Effective Allocation %'s: | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$0 | \$0 | \$0 | \$0 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | \$0 | \$0 | \$0 | \$0 |

| COST COMPONENTS \$000's | SWG | Vernon | Ecogas | Total SCG's TLS |
|--|-------------|------------|------------|-----------------|
| Base Margin Costs: | | | | |
| Customer Related Costs | (\$165) | (\$92) | (\$65) | (\$710) |
| Medium Pressure Distribution Costs | \$0 | \$0 | \$0 | \$0 |
| High Pressure Distribution Costs | \$0 | \$0 | \$0 | \$0 |
| Backbone Transmission Costs | \$179 | \$224 | \$550 | \$1,077 |
| Local Transmission Costs | \$63 | \$6 | \$146 | (\$1,021) |
| Storage - Seasonal | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | \$316 | \$462 | \$619 | \$14,827 |
| Storage - TBS | \$0 | \$0 | \$0 | \$0 |
| Uncollectibles | \$0 | \$0 | \$0 | \$34 |
| NGV compression adder | \$0 | \$0 | \$0 | \$0 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$394 | \$599 | \$1,250 | \$14,206 |
| Less Backbone Transmission Costs | (\$179) | (\$224) | (\$550) | (\$1,077) |
| Less Local Transmission Costs | (\$63) | (\$6) | (\$146) | \$1,021 |
| Plus Local Transmission Costs w/SI, FFU | \$63 | \$5 | \$146 | (\$1,031) |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$214 | \$375 | \$700 | \$26,238 |
| Other Operating Costs and Revenues | | | | |
| Other Operating Costs and Revenues AB32 Fees (subtracted from base margin and allocated here) | \$0 | \$0 | \$0 | (\$47) |
| n/a | \$0 \$0 | \$0 \$0 | \$0 \$0 | (' ' |
| Company Use Gas: Other | \$0 \$2 | · | \$5 | \$0 \$58 |
| Company Use Gas: Other Company Use Gas: Storage Load Balancing | φ∠ \$2 | \$2 \$2 | \$5 \$5 | \$58 |
| AMI | \$2 \$0 | \$≥ \$0 | \$5 \$0 | \$0 \$0 |
| | \$0 \$2 | \$0 \$3 | \$0 \$3 | ъυ \$77 |
| Exchange Revenues & Interutility Transactions | \$2 \$0 | | \$3 \$0 | · |
| Fuel Cell Equipment Revenues | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| Marketing: DSM Program Awards | • | \$0 \$0 | · | • |
| Unaccounted For (UAF) Gas | \$0 \$0 | \$0 \$0 | \$29 | (\$247) |
| n/a | \$0 (04) | \$0 | \$0 | \$0 (\$75) |
| Well Incidents & Surface Leaks | (\$1) | (\$2) | (\$2) | (\$75) |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Re | \$0 | \$0 | \$0 | \$0 |

| COST COMPONENTS \$000's | SWG | Vernon | Ecogas | Total SCG's TLS |
|--|-------|--------|--------|-----------------|
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | \$0 | \$0 | \$0 |
| Subtotal Other Operating Costs and Revenues | \$4 | \$5 | \$39 | (\$177) |
| | \$0 | \$0 | \$0 | |
| Regulatory Accounts | 0 | 0 | 0 | |
| Affiliate Transfer Fee Account (ATFA) | (\$0) | (\$0) | (\$0) | (\$1) |
| Biogas Conditioning/Upgrading Services Balancing Account (BCSBA) | (\$0) | (\$0) | (\$0) | (\$0) |
| Blythe Operational Flow Requirement Memorandum Account (BOFRMA) | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds Memorandum Account (FSPMA) | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 |
| DEDUCTIBLE TAX REPAIRS BENEFITS MEMORANDUM ACCOUNT (DTRBMA) | \$0 | \$0 | \$0 | \$0 |
| Distributed Energy Resources Svcs Bal Account (DERSBA) | (\$0) | (\$0) | (\$0) | (\$1) |
| Firm Access & Storage Rights Memorandum Account (FARSMA) | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account (CFCA) | \$0 | \$0 | \$0 | \$0 |
| Core Fixed Cost Account - NGV (CFCA) | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | \$0 | \$0 | \$0 | \$0 |
| Economic Practicality Shortfall Memorandum Account (EPSMA) | \$0 | \$0 | \$0 | (\$21) |
| California Solar Iniative Thermal Memorandum Account (CSITPMA) | \$0 | \$0 | \$0 | (\$80) |
| Enhanced Oil Recovery Account (EORA) | (\$0) | (\$1) | (\$1) | (\$27) |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) Trans | \$7 | \$1 | \$14 | (\$66) |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cost-Recovery Account (HSCRA) | \$0 | \$1 | \$4 | (\$7) |
| Intervenor Award Memorandum Account (IAMA) | \$0 | \$1 | \$3 | (\$6) |
| Gain / Loss on Sale Memorandum Account (GLOSMA) | \$0 | \$0 | \$0 | \$1 |
| PCB Expense Account (PCBEA) | \$0 | \$0 | \$0 | \$0 |
| Master Meter Balancing Account (MMBA) | \$1 | \$1 | \$2 | \$34 |
| Montebello True-Up Tracking Account (MTTA) | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0 | \$0 | (\$16) |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$0 | \$0 | \$0 | \$1 |
| Noncore Fixed Cost Account (NFCA) Margin | \$7 | \$0 | (\$10) | (\$25) |
| Noncore Fixed Cost Account (NFCA) Nonmargin | \$0 | \$1 | \$4 | (\$7) |

| COST COMPONENTS \$000's | SWG | Vernon | Ecogas | Total SCG's TLS |
|---|-----------|-----------|-----------|-----------------|
| Integrated Transmission Balancing Account (ITBA) Margin | \$2 | \$2 | \$7 | (\$20) |
| Integrated Transmission Balancing Account (ITBA) Nonmargin | \$0 | \$0 | \$0 | \$0 |
| Compressor Station Fuel and Power Balancing Account (CFPBA) | \$1 | \$2 | \$5 | (\$15) |
| Compression Services Balancing Account (CSBA) | \$0 | \$0 | \$0 | \$0 |
| Company-Use Fuel for Load Balancing Account (CUFLBA) | (\$0) | (\$0) | (\$2) | \$3 |
| System Reliability Memorandum Account (SRMA) | \$3 | \$4 | \$24 | (\$42) |
| Noncore Storage Balancing Account (NSBA) | \$3 | \$5 | \$32 | (\$55) |
| Pension Balancing Account (PBA) | (\$0) | (\$1) | (\$1) | (\$18) |
| PBOP Balancing Account (PBOPBA) | (\$0) | (\$0) | (\$1) | (\$10) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | \$2 | \$0 | \$4 | (\$17) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$0 | \$0 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$13 | \$2 | \$26 | (\$126) |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$0 | \$0 | \$0 | \$0 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$4 | \$1 | \$8 | (\$39) |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$0 | \$0 | \$0 | \$0 |
| Research Development and Demonstration Expense Account (RDDEA) | \$0 | \$0 | \$0 | \$0 |
| Research Royalty Memorandum Account (RRMA) | (\$0) | (\$0) | (\$0) | (\$0) |
| Self-Generation Program Memorandum Account (SGPMA) | (\$169) | (\$246) | (\$236) | \$12,225 |
| System Operator Gas Account (SOGA) | \$0 | \$0 | \$0 | (\$1) |
| Natural Gas Appliance Testing Memo Account (NGATMA) | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Balancing Account (RPBA) | \$0 | \$0 | \$0 | \$4 |
| Total Regulatory Accounts | (\$127) | (\$227) | (\$117) | \$11,666 |
| | \$0 | \$0 | \$0 | \$0 |
| Core Interstate Pipeline Demand Charges (IPDC) | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req before EOR & G-EN CAP adjustments \$000 | \$91 | \$154 | \$622 | \$24,608 |
| EOR Revenue allocated to Other Classes \$000 | (\$3) | (\$4) | (\$6) | (\$141) |
| EOR Costs allocated to Other Classes \$000 | \$2 | \$3 | \$4 | \$91 |
| Gas Engine Rate CAP adjustment | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$90 | \$153 | \$620 | \$24,558 |
| AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr | \$1,064 | \$1,753 | \$24,921 | (\$146,658) |
| Average Rate w/oBTS \$/th | \$0 | \$0 | \$0 | \$0 |
| FFU Rate | \$0 | \$0 | \$0 | \$0 |
| AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr | \$1,064 | \$1,753 | \$24,921 | (\$146,658) |
| | \$0 | \$0 | \$0 | \$0 |
| Sempra Wide & TLS Adjustments:: | (\$2,132) | (\$2,000) | (\$1,722) | (\$5,854) |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$90 | \$153 | \$620 | \$24,558 |
| SW NGV Adjustment | \$0 | \$0 | \$0 | \$0 |
| SW EG Adjustment | \$0 | \$0 | \$0 | \$0 |

| COST COMPONENTS \$000's | SWG | Vernon | Ecogas | Total SCG's TLS |
|---|-------------------|-----------|-----------|-----------------|
| TLS Adjustment | | | | |
| Amount allocated to TLS Class \$000 | (\$90) | (\$153) | (\$620) | (\$24,558) |
| TLS revenue paid by class @ average TLS rate \$000 | \$554 | \$813 | \$1,440 | \$22,784 |
| - · · · · · · · · · · · · · · · · · · · | \$464 | \$660 | \$820 | (\$1,773) |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | \$554 | \$813 | \$1,440 | \$22,784 |
| Rate Tables | \$554 | \$813 | \$1,440 | \$3,570 |
| difference | \$0 | \$0 | \$0 | \$0 |
| AYTP Mth/yr | \$1,064 | \$1,753 | \$24,921 | (\$146,658) |
| Average Rate w/oBTS \$/th | \$0 | \$0 | \$0 | \$0 |
| Rate Tables | \$ 0 | \$0 | \$0 | \$0 |
| difference | \$0 | \$0 | \$0 | \$0 |
| BTS w/FFU Charge \$000 | \$207 | \$248 | \$728 | (\$1,242) |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr | \$762 | \$1,060 | \$2,168 | \$25,833 |
| Average Rate w/ BTS \$/th | \$ 0 | \$0 | \$0 | \$0 |
| Rate Tables | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| | | | | |
| Effective Allocation %'s: | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$0 | \$0 | \$0 | \$0 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr | \$ 0 | \$0 | \$0 | \$0 |

 Summer
 Winter
 Winter
 Monthly
 Annual

 Average
 Average
 Peak
 Average
 Charges

 (May-Oct)
 (Nov-Apr)
 (Vov-Apr)
 (Jan-Dec)
 (Jan-Dec)

May-Oct) (Nov-Apr) (Nov-Apr) (Jan-Dec) (Jan-Dec) Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

SoCalGas CCI Bill Impact 2020 TCAP Application

Small Core C&I Customers 300 500

Notes:

1) G-CP rate from TCAP

2) PPPS rate for non-care customer 2018.

3) G-SRF rate in 2018

Large Core C&I Customers 6250 12500 20833

| | Monthly Average | Monthly Average | Monthly Average | Monthly Average | 300 Monthly Average | 500 Monthly Average | 6,250 Monthly Average | 12,500 Monthly Average | 20,833 Monthly Average |
|--|--------------------|--------------------|--------------------|--------------------|------------------------|------------------------|-----------------------------|------------------------------|------------------------------|
| SCG Core C&I - Current Rates: | | | | | | | | | |
| Customer Charge Tier 1 \$/day = | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 |
| Customer Charge Tier 2 \$/day = | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 |
| Tier 1 Rate \$/th = | \$0.54611 | \$0.54611 | \$0.54611 | \$0.54611 | \$0.54611 | \$0.54611 | \$0.54611 | \$0.54611 | \$0.54611 |
| Tier 2 Rate \$/th = | \$0.29831 | \$0.29831 | \$0.29831 | \$0.29831 | \$0.29831 | \$0.29831 | \$0.29831 | \$0.29831 | \$0.29831 |
| Tier 3 Rate \$/th = | \$0.13216 | \$0.13216 | \$0.13216 | \$0.13216 | \$0.13216 | \$0.13216 | \$0.13216 | \$0.13216 | \$0.13216 |
| G-CPC \$/th = | \$0.27690 | \$0.27690 | \$0.27690 | \$0.27690 | \$0.27690 | \$0.27690 | \$0.27690 | \$0.27690 | \$0.27690 |
| PPPS \$/th = | \$0.06416 | \$0.06416 | \$0.06416 | \$0.06416 | \$0.06416 | \$0.06416 | \$0.06416 | \$0.06416 | \$0.06416 |
| G-PUC Regulatory fee \$/th = | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 |
| Effective Average Rate \$/th | \$0.94883 | \$0.65949 | \$0.51180 | \$0.49334 | \$0.89753 | \$0.79493 | \$0.59796 | \$0.53642 | \$0.51180 |
| # days in month = | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Tier Usage Limits (i.e. maximum # of therms charged at each tier): | | | | | | | | | |
| Tier 1 usage limit th/mo = | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| Tier 2 usage limit th/mo = | 4,167 | 4,167 | 4,167 | 4,167 | 4,167 | 4,167 | 4,167 | 4,167 | 4,167 |
| Tier 3 no limit | | | | | | | | | |
| Total th used th/year = | 3,000 | 50,000 | 250,000 | 500,000 | 3,600 | 6,000 | 75,000 | 150,000 | 249,996 |
| Total th used th/mo = | 250 | 4,167 | 20,833 | 41,667 | 300 | 500 | 6,250 | 12,500 | 20,833 |
| Tier 1 therms = | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| therms remainining to be classified | 0 | 3,917 | 20,583 | 41,417 | 50 | 250 | 6,000 | 12,250 | 20,583 |
| Tier 2 therms = | 0 | 3,917 | 3,917 | 3,917 | 50 | 250 | 3,917 | 3,917 | 3,917 |
| Tier 3 therms = | 0 | 0 | 16,666 | 37,500 | 0 | 0 | 2,083 | 8,333 | 16,666 |
| therms accounted for | 250 | 4,167 | 20,833 | 41,667 | 300 | 500 | 6,250 | 12,500 | 20,833 |
| | | | | | | | \$1,595.31 | | |
| Customer Charge \$/mo = | \$15.00 | \$15.00 | \$15.00 | \$15.00 | \$15.00 | \$15.00 | \$15.00 | \$15.00 | \$15.00 |
| Tier 1 charges \$/mo = | \$136.53 | \$136.53 | \$136.53 | \$136.53 | \$136.53 | \$136.53 | \$136.53 | \$136.53 | \$136.53 |
| Tier 2 charges \$/mo = | \$0.00 | \$1,168.39 | \$1,168.49 | \$1,168.49 | \$14.92 | \$74.58 | \$1,168.49 | \$1,168.49 | \$1,168.49 |
| Tier 3 charges \$/mo = | \$0.00 | \$0.00 | \$2,202.67 | \$4,956.06 | \$0.00 | \$0.00 | \$275.30 | \$1,101.31 | \$2,202.63 |
| Commodity Charge \$/mo = | \$69.22 | \$1,153.74 | \$5,768.70 | \$11,537.39 | \$83.07 | \$138.45 | \$1,730.61 | \$3,461.22 | \$5,768.60 |
| PPPS charge \$/mo = | \$16.04 | \$267.32 | \$1,336.60 | \$2,673.19 | \$19.25 | \$32.08 | \$400.98 | \$801.96 | \$1,336.58 |
| G-PUC Regulatory Fee \$/mo = | \$0.42 | \$6.92 | \$34.58 | \$69.17 | \$0.50 | \$0.83 | \$10.38 | \$20.75 | \$34.58 |
| Total Charge \$/mo = | \$237.21 | \$2,747.89 | \$10,662.56 | \$20,555.83 | \$269.26 | \$397.46 | \$3,737.27 | \$6,705.25 | \$10,662.40 |

SoCalGas CCI Bill Impact 2020 TCAP Application

Small Core C&I Customers 300 500

Notes:

1) G-CP rate from TCAP

2) PPPS rate for non-care customer 2018.

3) G-SRF rate in 2018

Large Core C&I Customers 6250 12500 20833

| | Monthly Average | Monthly Average | Monthly Average | Monthly Average | 300 Monthly Average | 500 Monthly Average | 6,250 Monthly Average | 12,500 Monthly Average | 20,833 Monthly Average |
|--|--------------------|--------------------|--------------------|--------------------|------------------------|------------------------|-----------------------------|--|------------------------------|
| SCG Core C&I - Proposed Rates: | 00.10015 | # 0.40045 | # 0.40045 | # 0 40045 | 00.40045 | 00.40045 | # 0 40045 | 00.40045 | 00.40045 |
| Customer Charge Tier 1 \$/day = | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 |
| Customer Charge Tier 2 \$/day = | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 | \$0.49315 |
| Tier 1 Rate \$/th = | \$0.65506 | \$0.65506 | \$0.65506 | \$0.65506 | \$0.65506 | \$0.65506 | \$0.65506 | \$0.65506 | \$0.65506 |
| Tier 2 Rate \$/th = | \$0.35105 | \$0.35105 | \$0.35105 | \$0.35105 | \$0.35105 | \$0.35105 | \$0.35105 | \$0.35105 | \$0.35105 |
| Tier 3 Rate \$/th = | \$0.14721 | \$0.14721 | \$0.14721 | \$0.14721 | \$0.14721 | \$0.14721 | \$0.14721 | \$0.14721 | \$0.14721 |
| G-CPC \$/th = | \$0.27690 | \$0.27690 | \$0.27690 | \$0.27690 | \$0.27690 | \$0.27690 | \$0.27690 | \$0.27690 | \$0.27690 |
| PPPS \$/th = | \$0.06416 | \$0.06416 | \$0.06416 | \$0.06416 | \$0.06416 | \$0.06416 | \$0.06416 | \$0.06416 | \$0.06416 |
| G-PUC Regulatory fee \$/th = | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 |
| Effective Average Rate \$/th | \$1.05777 | \$0.71561 | \$0.53507 | \$0.51250 | \$0.99711 | \$0.87577 | \$0.64039 | \$0.56516 | \$0.53507 |
| # days in month = | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Tier Usage Limits (i.e. maximum # of therms charged at each tier): | | | | | | | | | |
| Tier 1 usage limit th/mo = | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| Tier 2 usage limit th/mo = | 4,167 | 4,167 | 4,167 | 4,167 | 4,167 | 4,167 | 4,167 | 4,167 | 4,167 |
| Tier 3 no limit | | | | | | | | | |
| Annual Usage | 3,000 | 50,000 | 250,000 | 500,000 | | | | | |
| Total th used th/mo = | 250 | 4,167 | 20,833 | 41,667 | 300 | 500 | 6,250 | 12,500 | 20,833 |
| Tier 1 therms = | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| therms remainining to be classified | 0 | 3,917 | 20,583 | 41,417 | 50 | 250 | 6,000 | 12,250 | 20,583 |
| Tier 2 therms = | 0 | 3,917 | 3,917 | 3,917 | 50 | 250 | 3,917 | 3,917 | 3,917 |
| Tier 3 therms = | 0 | 0 | 16,666 | 37,500 | 0 | 0 | 2,083 | 8,333 | 16,666 |
| therms accounted for | 250 | 4,167 | 20,833 | 41,667 | 300 | 500 | 6,250 | 12,500 | 20,833 |
| Customer Charge \$/mo = | \$15.00 | \$15.00 | \$15.00 | \$15.00 | \$15.00 | \$15.00 | \$15.00 | \$15.00 | \$15.00 |
| Tier 1 charges \$/mo = | \$163.76 | \$163.76 | \$163.76 | \$163.76 | \$163.76 | \$163.76 | \$163.76 | \$163.76 | \$163.76 |
| Tier 2 charges \$/mo = | \$0.00 | \$1,374.95 | \$1,375.06 | \$1,375.06 | \$17.55 | \$87.76 | \$1,375.06 | \$1,375.06 | \$1,375.06 |
| Tier 3 charges \$/mo = | \$0.00 | \$0.00 | \$2,453.51 | \$5,520.45 | \$0.00 | \$0.00 | \$306.65 | \$1,226.73 | \$2,453.46 |
| Commodity Charge \$/mo = | \$69.22 | \$1,153.74 | \$5,768.70 | \$11,537.39 | \$83.07 | \$138.45 | \$1,730.61 | \$3,461.22 | \$5,768.60 |
| PPPS charge \$/mo = | \$16.04 | \$267.32 | \$1,336.60 | \$2,673.19 | \$19.25 | \$32.08 | \$400.98 | \$801.96 | \$1,336.58 |
| G-PUC Regulatory Fee \$/mo = | \$0.42 | \$6.92 | \$34.58 | \$69.17 | \$0.50 | \$0.83 | \$10.38 | \$20.75 | \$34.58 |
| Total Charge \$/mo = | \$264.44 | \$2,981.69 | \$11,147.21 | \$21,354.03 | \$299.13 | \$437.88 | \$4,002.44 | \$7,064.48 | \$11,147.05 |
| Increase (decrease) from Current Rates \$/month | \$27.24 | \$233.80 | \$484.65 | \$798.20 | \$29.87 | \$40.42 | \$265.17 | \$359.23 | \$484.65 |
| | + | + | + | Ţ. 00. <u>_</u> 0 | + | Ţ <u>-</u> | 7200 | +++++++++++++++++++++++++++++++++++++ | 7.000 |
| Full Transportation Rate (PRELIMINARY STATEMENT XI.I.2.b) | \$0.71506 | \$0.37289 | \$0.19235 | \$0.16978 | \$0.65439 | \$0.53306 | \$0.29768 | \$0.22244 | \$0.19235 |
| Annual Usage | 3,000 | 50,000 | 250,000 | 500,000 | 3,600 | 6,000 | 75,000 | 150,000 | 249,996 |
| Ailliuai Usaye | 3,000 | 30,000 | 250,000 | 500,000 | 3,000 | 0,000 | 75,000 | 130,000 | 249,990 |

G-10, 0 to 3Mth/year G-10, 3-50 Mth/year

File = 2020 TCAP SCG RD Model

SoCalGas CCI Bill Impact 2020 TCAP Application Small Core C&I Customers 300

500

Notes:

1) G-CP rate from TCAP

2) PPPS rate for non-care customer 2018.

3) G-SRF rate in 2018

Large Core C&I Customers

6250

12500

20833

Average

20,833

Monthly

Average

6,250 12,500
Monthly Monthly Monthly 300 Monthly 500 Monthly Monthly Monthly

Average

Average

Average

Average

Average

Average

Average

G-10, 50-250 Mth/year G-10, >250 Mth/year

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|---|------------------|----------------------|----------------------|---|--|--|--|--|
| Copy Values | | Copy From | values) | Data From | Data To | | | |
| EOR-T Revenue Post SW Average EG-D SCG Rate w/FFU \$/th | \$0 \$0.00000 | \$1,622 \$0.08792 | \$1,622 \$0.08792 | SCG RD Model / Trans Rate EG-D Rates | SCG RD Model/ EOR SCG RD Model/ EOR | | | |

| Abouted Load Turker SawFFU 5000 Rev Service Servic | Data to SDGE RD Model | | Model / Source | |
|--|--|-----------|--|------------------------|
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| Est FAR Revenue from SDGE NGV \$5.42 \$CG R D Model/Local & BBT Costs copy to COST ALLOC tab Est FAR Revenue from SDGE NCCI \$5.499 \$CG R D Model/Local & BBT Costs copy to COST ALLOC tab Est FAR Revenue from SDGE NCCI \$1.249 \$CG R D Model/Local & BBT Costs copy to COST ALLOC tab Est FAR Revenue from SDGE EG Tier 1 \$7.91 \$CG R D Model/Local & BBT Costs copy to COST ALLOC tab Est FAR Revenue from SDGE EG Tier 2 \$13.321 \$CG R D Model/Local & BBT Costs copy to COST ALLOC tab Est FAR Revenue from SDGE Customers \$30.553 \$CG R D Model/Local & BBT Costs copy to COST ALLOC tab Est FAR Revenue from SDGE Customers \$30.553 \$CG R D Model/Local & BBT Costs copy to COST ALLOC tab Est FAR Revenue from SDGE Customers \$30.553 \$CG R D Model/SDGE Detail Alloc & WS Rate Copy to COST ALLOC tab \$CG Cort Seasonal Storage \$11.522 \$CG RD Model/SDGE Detail Alloc & WS Rate Copy to COST ALLOC tab \$CG Cort Seasonal Storage \$11.522 \$CG RD Model/SDGE Detail Alloc & WS Rate \$COPY to COST ALLOC tab \$CG Cort Seasonal Storage \$CG RD Model/SDGE Detail Alloc & WS Rate \$COPY to COST ALLOC tab \$CG Cort Seasonal Storage \$CG RD Model/SDGE Detail Alloc & WS Rate \$COPY to COST ALLOC tab \$CG Cort Seasonal Storage \$CG RD Model/SDGE Detail Alloc & WS Rate \$COPY to COST ALLOC tab \$CG Cort Seasonal Storage \$CG RD Model/SDGE Detail Alloc & WS Rate \$COPY to COST ALLOC tab \$CG Cort Seasonal Storage \$CG RD Model/Cost Alloc \$CG RD Model/Cost \$CG RD Model/Co | | | | |
| Est FAR Revenue from SDGE CCI | | * - 7 | | |
| Est FAR Revenue from SDGE NCCI Est FAR Revenue from SDGE EG Tier 1 Est FAR Revenue from SDGE EG Tier 2 \$13,321 \$CG RD Model/Local & BBT Costs copy to COST ALLOC tab Est FAR Revenue from SDGE EG Tier 2 \$13,321 \$CG RD Model/Local & BBT Costs copy to COST ALLOC tab Est FAR Revenue from SDGE Customers \$30,553 \$CG RD Model/Local & BBT Costs copy to COST ALLOC tab Est FAR Revenue from SDGE Customers \$30,553 \$CG RD Model/Local & BBT Costs copy to COST ALLOC tab Est FAR Revenue from SDGE Customers \$30,553 \$CG RD Model/SDGE Detail Alloc & WS Rate copy to COST ALLOC tab \$CG Core Seasonal Storage \$11,522 \$CG RD Model/SDGE Detail Alloc & WS Rate copy to COST ALLOC tab \$CG Core Seasonal Storage HRSMA \$0 SCG RD Model/SDGE Detail Alloc & WS Rate copy to COST ALLOC tab \$CG Core Seasonal Storage HRSMA \$0 SCG RD Model/Storage Rates copy to COST ALLOC tab \$CG Core Seasonal Storage HRSMA \$0 SCG RD Model/Storage Rates copy to COST ALLOC tab \$CG Load Balancing Allocated to ALL SDGE \$000 HRSMA \$0 SCG RD Model/Storage Rates copy to COST ALLOC tab \$CG Load Balancing Allocated to ALL SDGE \$000 HRSMA \$0 SCG RD Model/Storage Rates copy to COST ALLOC tab \$CG RD Model/Trans Rate Copy to Rates Tables \$T Volumetric Base Margin Items \$'th \$0.01437 \$CG RD Model/Trans Rate Copy to Rates Tables TLS CA Usage Fee (non base margin items) \$'th \$0.01414 \$CG RD Model/Trans Rate Copy to Rate Tables TLS CA Usage Fee (non base margin items) \$'th \$0.03849 EG Tier 1-D SW Volumetric Rate WiFFU \$'th Post-SW \$0.03849 EG Tier 1-D SW Volumetric Rate wiFFU \$'th Post-SW \$0.03849 EG Tier 2 (NoTLS) \$W Volumetric Rate wiFFU \$'th Post-SW \$0.0285 \$CG RD model/EG-D Rates \$CG RD model/EG-Rates NoTLS \$CG RD model/EG Rates NoTLS \$CG RD model/Misc Inputs \$C | | | | |
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| Est FAR Revenue from SDGE EG Tier 2 Est FAR Revenue from SDGE Customers \$30,553 \$CG RD Model/Local & BBT Costs copy to COST ALLOC tab \$30,553 \$CG RD Model/SDGE Detail Alloc & WS Rate Copy to COST ALLOC tab \$CG Transport Only Costs Allocated to SDGE Core & Dist \$000 \$4,566 \$CG RD Model/SDGE Detail Alloc & WS Rate copy to COST ALLOC tab \$CG Core Seasonal Storage \$11,522 \$CG RD Model/SDGE Detail Alloc & WS Rate copy to COST ALLOC tab \$CG Load Balancing Allocated to ALL SDGE \$000 \$8,447 \$CG RD Model/Storage Rates copy to COST ALLOC tab \$CG Load Balancing Allocated to ALL SDGE \$000 HRSMA \$0 \$CG RD Model/Storage Rates copy to COST ALLOC tab \$CG RD Model/Storage Rates copy to COST ALLOC tab \$COST ALLOC tab \$ | Est FAR Revenue from SDGE EG Tier 1 | | | |
| Est FAR Revenue from SDGE Customers \$30,553 \$CG RD Model/Local & BBT Costs Copy to COST ALLOC tab SCG Transport Only Costs Allocated to SDGE Core & Dist \$000 \$4,556 \$CG RD Model/SDGE Detail Alloc & WS Rate Copy to Cost Alloc Copy to Cost Al | Est FAR Revenue from SDGE EG Tier 2 | \$13.321 | | |
| SCG Transport Only Costs Allocated to SDGE Core & Dist \$000 \$4,586 SCG RD Model/SDGE Detail Alloc & WS Rate Copy to Cost Alloc tab SCG Core Seasonal Storage \$11,522 SCG RD Model/SDGE Detail Alloc & WS Rate copy to COST ALLOC tab SCG Core Seasonal Storage HRSMA S0 SCG RD Model/Storage Rates copy to COST ALLOC tab SCG Core Seasonal Storage HRSMA \$0 SCG RD Model/Storage Rates copy to COST ALLOC tab SCG Load Balancing Allocated to ALL SDGE \$000 HRSMA \$0 SCG RD Model/Storage Rates copy to COST ALLOC tab SCF Load Balancing Allocated to ALL SDGE \$000 HRSMA \$0 SCG RD Model/Storage Rates copy to COST ALLOC tab SCF Load Balancing Allocated to ALL SDGE \$000 HRSMA \$0 SCG RD Model/Storage Rates copy to COST ALLOC tab SCF VBase Margin Items = Reservation Charge \$idth/day ST Volumetric Base Margin Items = Reservation Charge \$idth/day ST Volumetric Base Margin Items \$ifth S0.01437 SCG RD Model/Trans Rate Copy to Rates Tables TLS LT VOL Rate \$ifth S0.01437 SCG RD Model/Trans Rate Copy to Rates Tables TLS RS Usage Fee (non base margin items) \$ifth S0.01414 SCG RD Model/Trans Rate Copy to Rates Tables TLS RS Usage Fee \$ifth S0.03849 SCG RD Model/Trans Rate Copy to Rates Tables TLS RS Usage Fee \$ifth S0.03849 SCG RD Model/Trans Rate SCG RD Model/Trans Rate Copy to Rates Tables SCG RD model/EG-D Rates | | \$30,553 | | |
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| SCG Load Balancing Allocated to ALL SDGE \$000 \$8,447 \$CG RD Model/Cost Alloc copy to COST ALLOC tab SCG Core Seasonal Storage HRSMA \$0 \$CG RD Model/Storage Rates copy to COST ALLOC tab SCG Load Balancing Allocated to ALL SDGE \$000 HRSMA \$0 \$CG RD Model/Storage Rates copy to COST ALLOC tab SFV Base Margin Items = Reservation Charge \$/dth/day \$0.00968 \$CG RD Model / Trans Rate Copy to Rates Tables ST Volumetric Base Margin Items \$/th \$0.01437 \$CG RD Model / Trans Rate Copy to Rates Tables Copy to Rates Tables TLS LT VOL Rate \$/th \$0.01437 \$CG RD Model / Trans Rate Copy to Rates Tables Copy to Rates Tables TLS CA Usage Fee (non base margin items) \$/th \$0.01437 \$CG RD Model / Trans Rate Copy to Rates Tables Copy to Rates Tables TLS RS Usage Fee (non base margin items) \$/th \$0.01414 \$CG RD Model / Trans Rate Copy to Rates Tables Copy to Rates Copy to Rates Copy to Rate Tables Copy to Rates Copy to Rates Copy to Rate Tables Copy to Rate Tables Copy to Rates Copy to Rate Tables C | SCG Core Seasonal Storage | \$11,522 | SCG RD Model/SDGE Detail Alloc & WS Rate | copy to COST ALLOC tab |
| SCG Load Balancing Allocated to ALL SDGE \$000 HRSMA \$0 SCG RD Model/Storage Rates copy to COST ALLOC tab SFV Base Margin Items = Reservation Charge \$/dth/day \$0.00968 SCG RD Model / Trans Rate Copy to Rates Tables \$1 Volumetric Base Margin Items \$/th \$0.01437 SCG RD Model / Trans Rate Copy to Rates Tables TLS LT VOL Rate \$/th \$0.01437 SCG RD Model / Trans Rate copy to Rate Tables TLS LT VOL Rate \$/th \$0.01441 SCG RD Model / Trans Rate copy to Rate Tables TLS CA Usage Fee (non base margin items) \$/th \$0.01414 SCG RD Model / Trans Rate copy to Rate Tables TLS RS Usage Fee \$/th \$0.01414 SCG RD Model / Trans Rate Copy to Rates Tables TLS RS Usage Fee \$/th \$0.03279 200% Class Average Volumetric Rate \$/th \$0.03849 EG Tier 1-D SW Volumetric Rate \$/th \$0.03849 EG Tier 1-D SW Volumetric WFFU Rate \$/th Post-SW \$0.07293 SCG RD model/EG-D Rates EG Tier 2 (NoTLS) SW Volumetric Rate WFFU \$/th Post-SW EG Tier 1 (NoTLS) SW Volumetric Rate WFFU \$/th Post-SW In SCG RD model/EG-D Rates SCG RD m | SCG Load Balancing Allocated to ALL SDGE \$000 | \$8,447 | SCG RD Model/Cost Alloc | copy to COST ALLOC tab |
| SCG Load Balancing Allocated to ALL SDGE \$000 HRSMA \$0 SCG RD Model/Storage Rates copy to COST ALLOC tab SFV Base Margin Items = Reservation Charge \$/dth/day \$0.00968 SCG RD Model / Trans Rate Copy to Rates Tables \$1.5 LT VOL Rate \$/th \$0.01437 SCG RD Model / Trans Rate Copy to Rates Tables TLS LT VOL Rate \$/th \$0.01437 SCG RD Model / Trans Rate copy to Rate Tables TLS LT VOL Rate \$/th \$0.01441 SCG RD Model / Trans Rate copy to Rate Tables TLS CA Usage Fee (non base margin items) \$/th \$0.01441 SCG RD Model / Trans Rate copy to Rate Tables TLS RS Usage Fee \$/th \$0.01414 SCG RD Model / Trans Rate Copy to Rates Tables TLS RS Usage Fee \$/th \$0.03279 200% Class Average Volumetric Rate \$/th \$0.03279 200% Class Average Volumetric Rate \$/th \$0.03849 EG Tier 1-D SW Volumetric WFFU Rate \$/th Post-SW \$0.03849 EG Tier 1 (NoTLS) SW Volumetric WFFU Rate \$/th Post-SW \$0.07293 SCG RD model/EG-D Rates EG Tier 2 (NoTLS) SW Volumetric Rate WFFU \$/th Post-SW RG Tier 2 (NoTLS) SW Volumetric Rate WFFU \$/th Post-SW RG Tier 2 (NoTLS) SW Volumetric Rate WFFU \$/th Post-SW RG Tier 2 (NoTLS) SW Volumetric Rate WFFU \$/th Post-SW RG RD model/EG Rates NoTLS SW Volumetric Rate WFFU \$/th Compressed SW Volumetric Rate W/FFU \$/th Compressed SW Volumetric Rate W/FFU \$/th Compressed SDG RD model/Misc Inputs SCG RD model/Misc Inputs | SCG Core Seasonal Storage HRSMA | \$0 | SCG RD Model/Storage Rates | copy to COST ALLOC tab |
| ST Volumetric Base Margin Items \$/th \$0.01437 SCG RD Model / Trans Rate copy to Rates Tables | | \$0 | | |
| ST Volumetric Base Margin Items \$/th \$0.01437 SCG RD Model / Trans Rate Copy to Rates Tables | SFV Base Margin Items = Reservation Charge \$/dth/day | \$0.00968 | SCG RD Model / Trans Rate | Copy to Rates Tables |
| TLS LT VOL Rate \$/th | | \$0.01437 | SCG RD Model / Trans Rate | |
| TLS CA Usage Fee (non base margin items) \$/th | | \$0.01437 | | |
| TLS RS Usage Fee \$/th | | | | |
| 120% Class Average Volumetric Rate \$/th \$0.03279 200% Class Average Volumetric Rate \$/th \$0.03849 EG Tier 1-D SW Volumetric Rate w/FFU \$/th Post-SW \$0.12880 \$CG RD model/EG-D Rates EG Tier 2-D SW Volumetric w/FFU Rate \$/th Post-SW \$0.07293 \$CG RD model/EG-D Rates EG Tier 1 (NoTLS) SW Volumetric w/FFU Rate \$/th Post-SW \$0.07293 \$CG RD model/EG-D Rates EG Tier 1 (NoTLS) SW Volumetric w/FFU Rate \$/th Post-SW \$0.07293 \$CG RD model/EG Rates NoTLS EG Tier 2 (NoTLS) SW Volumetric w/FFU Rate \$/th Post-SW \$0.12583 \$CG RD model/NGV Rates SW Volumetric Rate w/FFU \$/th UnCompressed \$0.12583 \$CG RD model/NGV Rates SW Volumetric Rate w/FFU \$/th Compressed \$1.04809 \$CG RD model/NGV Rates SDGE ITBA Balance Post SI \$0 \$CG RD model/Misc Inputs Unbundled BBT amount w/FFU BBT % Local % EG Rate SFV \$/dth/day \$0.26245 \$CG RD model/Misc Inputs SCG RD model/Misc Inputs SCG RD model/Misc Inputs | | | | |
| 200% Class Average Volumetric Rate \$/th \$0.03849 EG Tier 1-D SW Volumetric Rate wIFFU \$/th Post-SW \$0.12880 SCG RD model/EG-D Rates EG Tier 2 SW Volumetric wIFFU Rate \$/th Post-SW \$0.07293 SCG RD model/EG-D Rates EG Tier 1 (NoTLS) SW Volumetric Rate wIFFU \$/th Post-SW n/a SCG RD model/EG Rates NoTLS EG Tier 2 (NoTLS) SW Volumetric Rate wIFFU \$/th Dest-SW n/a SCG RD model/EG Rates NoTLS SW Volumetric Rate wIFFU \$/th Dest-SW n/a SCG RD model/MISC Rates SW Volumetric Rate wIFFU \$/th Compressed \$1.04809 SCG RD model/MISC Rates SWG ITBA Balance Post SI \$0 SCG RD model/MISC Inputs Unbundled BBT amount wIFFU \$25,722 SCG RD model/MISC Inputs BBT % SCG RD model/MISC Inputs Local % SCG RD model/MISC Inputs BTS Rate SFV \$/dth/day \$0.26245 SCG Rate Tables | | | | |
| EG Tier 1-D SW Volumetric Rate w/FFU \$/th Post-SW \$0.12880 SCG RD model/EG-D Rates EG Tier 2-D SW Volumetric w/FFU Rate \$/th Post-SW \$0.07293 SCG RD model/EG-D Rates EG Tier 1 (NoTLS) SW Volumetric Rate w/FFU \$/th Post-SW n/a SCG RD model/EG Rates NoTLS SW Volumetric Rate w/FFU \$/th UnCompressed \$0.12883 SCG RD model/NGV Rates SW Volumetric Rate w/FFU \$/th Compressed \$1.04893 SCG RD model/NGV Rates SDGE ITBA Balance Post SI \$0 SCG RD model/Misc Inputs Unbundled BBT amount w/FFU \$25,722 SCG RD model/Misc Inputs BBT % SCG RD model/Misc Inputs Local % SCG RD model/Misc Inputs BTS Rate SFV \$/dth/day \$0.26245 SCG Rate Tables | | | | |
| EG Tier 2-D SW Volumetric w/FFU Rate \$/th Post-SW \$0.07293 SCG RD model/EG-D Rates EG Tier 1 (NoTLS) SW Volumetric Rate w/FFU \$/th Post-SW n/a SCG RD model/EG Rates NoTLS EG Tier 2 (NoTLS) SW Volumetric w/FFU Rate \$/th Post-SW n/a SCG RD model/EG Rates NoTLS SW Volumetric Rate w/FFU \$/th UnCompressed \$0.12583 SCG RD model/NGV Rates SW Volumetric Rate w/FFU \$/th Compressed \$1.04809 SCG RD model/NGV Rates SDGE TIBA Balance Post SI \$0 SCG RD model/MIsc Inputs Unbundled BBT amount w/FFU \$25,722 SCG RD model/Misc Inputs BBT % SCG RD model/Misc Inputs Local % SCG RD model/Misc Inputs BTS Rate SFV \$/dth/day \$0.26245 SCG RD model/Misc Inputs SCG RD model/Misc Inputs SCG RD model/Misc Inputs | | | SCG RD model/EG-D Rates | |
| EG Tier 2 (NoTLS) SW Volumetric w/FFU Rate \$/th Post-SW n/a SCG RD model/EG Rates NoTLS SW Volumetric Rate w/FFU \$/th UnCompressed \$0.12583 SCG RD model/NGV Rates SW Volumetric Rate w/FFU \$/th Compressed \$1.04809 SCG RD model/MISC Rates SDGE ITBA Balance Post SI \$0 SCG RD model/Misc Inputs Unbundled BBT amount w/FFU \$25,722 SCG RD model/Misc Inputs BBT % SCG RD model/Misc Inputs Local % SCG RD model/Misc Inputs BTS Rate SFV \$/dth/day \$0.26245 SCG Rate Tables | | | | |
| EG Tier 2 (NoTLS) SW Volumetric w/FFU Rate \$/th Post-SW n/a SCG RD model/EG Rates NoTLS SW Volumetric Rate w/FFU \$/th UnCompressed \$0.12583 SCG RD model/NGV Rates SW Volumetric Rate w/FFU \$/th Compressed \$1.04809 SCG RD model/MISC Rates SDGE ITBA Balance Post SI \$0 SCG RD model/Misc Inputs Unbundled BBT amount w/FFU \$25,722 SCG RD model/Misc Inputs BBT % SCG RD model/Misc Inputs Local % SCG RD model/Misc Inputs BTS Rate SFV \$/dth/day \$0.26245 SCG Rate Tables | | | | |
| SW Volumetric Rate w/FFU \$/th UnCompressed \$0.12583 SCG RD model/NGV Rates SW Volumetric Rate w/FFU \$/th Compressed \$1.04809 SCG RD model/NGV Rates SDGE ITBA Balance Post IS \$0 SCG RD model/Misc Inputs Unbundled BBT amount w/FFU \$25,722 SCG RD model/Misc Inputs BBT % SCG RD model/Misc Inputs Local % SCG RD model/Misc Inputs BTS Rate SFV \$/dth/day \$0.26245 SCG Rate Tables | | n/a | | |
| SDGE ITBA Balance Post SI \$0 SCG RD model/Misc Inputs Unbundled BBT amount w/FFU \$25,722 SCG RD model/Misc Inputs BBT % SCG RD model/Misc Inputs Local % SCG RD model/Misc Inputs BTS Rate SFV \$/dth/day \$0.26245 SCG Rate Tables | SW Volumetric Rate w/FFU \$/th UnCompressed | \$0.12583 | SCG RD model/NGV Rates | |
| Unbundled BBT amount w/FFU \$25,722 SCG RD model/Misc Inputs BBT % SCG RD model/Misc Inputs Local % SCG RD model/Misc Inputs BTS Rate SFV \$(dth/day) \$0.26245 SCG Rate Tables | | | | |
| BBT % SCG RD model/Misc Inputs Local % SCG RD model/Misc Inputs BTS Rate SFV \$/dth/day \$0.26245 SCG Rate Tables | | | | |
| Local % SCG RD model/Misc Inputs BTS Rate SFV \$/dth/day \$0.26245 SCG Rate Tables | | \$25,722 | | |
| BTS Rate SFV \$/dth/day \$0.26245 SCG Rate Tables | | | | |
| | | \$0.2624F | | |
| | | | GGG IVare Tables | |

| Data From SDGE RD Model | 313,234 | Model / Source |
|--|----------------------|--|
| SDGE AYTP mth/yr Res SDGE AYTP mth/yr Core C&I | 194,777 | SDGE RD Model/ Alloc Factors SDGE RD Model/ Alloc Factors |
| SDGE AYTP mth/yr NR A/C | 0 | SDGE RD Model/ Alloc Factors |
| SDGE AYTP mth/yr Gas Eng | 0 | SDGE RD Model/ Alloc Factors |
| SDGE AYTP mth/yr NGV | 24,129 | SDGE RD Model/ Alloc Factors |
| SDGE AYTP mth/yr Total Core | 532,140 | SDGE RD Model/ Alloc Factors |
| SDGE AYTP mth/yr Non Core C&I SDGE AYTP mth/yr EG Tier 1 | 46,945 29,736 | SDGE RD Model/ Alloc Factors SDGE RD Model/ Alloc Factors |
| SDGE AYTP Intaly EG Tier 2 | 500,494 | SDGE RD Model/ Alloc Factors |
| SDGE AYTP mth/yr EOR | 0 | SDGE RD Model/ Alloc Factors |
| SDGE AYTP mth/yr Total Retail Non Core | 577,175 | SDGE RD Model/ Alloc Factors |
| SDGE AYTP mth/yr Long Beach | 0 | SDGE RD Model/ Alloc Factors |
| SDGE AYTP mth/yr SDG&E | 0 | SDGE RD Model/ Alloc Factors SDGE RD Model/ Alloc Factors |
| SDGE AYTP mth/yr Sout West Gas SDGE AYTP mth/yr Vernon | 0 | SDGE RD Model/ Alloc Factors |
| SDGE AYTP mth/yr Total Whole sale | 0 | SDGE RD Model/ Alloc Factors |
| SDGE AYTP mth/yr DGN | 0 | SDGE RD Model/ Alloc Factors |
| SDGE AYTP mth/yr TBS | 0 | SDGE RD Model/ Alloc Factors |
| SDGE AYTP mth/yr Total Non Core | 577,175 | SDGE RD Model/ Alloc Factors |
| SDGE AYTP mth/yr Total System \$000 | 1,109,315 | SDGE RD Model/ Alloc Factors |
| SDGE CYTP mth/yr Res SDGE CYTP mth/yr Core C&I | 343,408 203,236 | SDGE RD Model/ Alloc Factors SDGE RD Model/ Alloc Factors |
| SDGE CYTP Intitly Cole Call SDGE CYTP mth/yr NR A/C | 203,230 | SDGE RD Model/ Alloc Factors |
| SDGE CYTP mth/yr Gas Eng | 0 | SDGE RD Model/ Alloc Factors |
| SDGE CYTP mth/yr NGV | 24,129 | SDGE RD Model/ Alloc Factors |
| SDGE CYTP mth/yr Total Core | 570,773 | SDGE RD Model/ Alloc Factors |
| SDGE CYTP mth/yr Non Core C&I | 46,945 | SDGE RD Model/ Alloc Factors |
| SDGE CYTP mth/yr EG Tier 1 | 29,736 | SDGE RD Model/ Alloc Factors |
| SDGE CYTP mth/yr EG Tier 2 | 500,494 | SDGE RD Model/ Alloc Factors |
| SDGE CYTP mth/yr EOR | 0 577,175 | SDGE RD Model/ Alloc Factors SDGE RD Model/ Alloc Factors |
| SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr Long Beach | 0 | SDGE RD Model/ Alloc Factors |
| SDGE CYTP mth/yr SDG&E | 0 | SDGE RD Model/ Alloc Factors |
| SDGE CYTP mth/yr Sout West Gas | 0 | SDGE RD Model/ Alloc Factors |
| SDGE CYTP mth/yr Vernon | 0 | SDGE RD Model/ Alloc Factors |
| SDGE CYTP mth/yr Total Whole sale | 0 | SDGE RD Model/ Alloc Factors |
| SDGE CYTP mth/yr DGN | 0 | SDGE RD Model/ Alloc Factors |
| SDGE CYTP mth/yr TBS | 0 | SDGE RD Model/ Alloc Factors |
| SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 | 577,175 1,147,948 | SDGE RD Model/ Alloc Factors SDGE RD Model/ Alloc Factors |
| SDGE's Core AYTP Mth/yr | 532.140 | SDGE RD Model/ Alloc Factors |
| NCCI-Distribution AYTP mth/yr | 29,376 | SDGE RD Model/ Alloc Factors |
| EG-Tier 1 Distribution AYTP mth/yr | 24,662 | SDGE RD Model/ Alloc Factors |
| EG-Tier 2 Distribution AYTP mth/yr | 44,206 | SDGE RD Model/ Alloc Factors |
| SDGE's Core # customers | 905,032 | SDGE RD Model/ Alloc Factors |
| NCCI-Distribution # customers | 44 | SDGE RD Model/ Alloc Factors |
| EG-Tier 1 Distribution # custromers | 69 | SDGE RD Model/ Alloc Factors |
| EG-Tier 2 Distribution # customers | 6 | SDGE RD Model/ Alloc Factors SDGE RD Model/ Alloc Factors |
| NCCI-Transmission AYTP mth/yr EG-Tier 1 Transmission AYTP mth/yr | 17,569 5,074 | SDGE RD Model/ Alloc Factors SDGE RD Model/ Alloc Factors |
| EG-Tier 2 Transmission AYTP mth/yr | 456,289 | SDGE RD Model/ Alloc Factors |
| NCCI-Transmission # customers | 9 | SDGE RD Model/ Alloc Factors |
| EG-Tier 1 Transmission # customers | 3 | SDGE RD Model/ Alloc Factors |
| EG-Tier 2 Transmission # customers | 12 | SDGE RD Model/ Alloc Factors |
| Transmission Costs w/FFU \$000 | \$40,564 | SDGE RD Model/Cost Alloc |
| Compressor Volumes mth/yr | 628 | SDGE RD Model / NGV Rates |
| SDGE - NCCI-T Total Allocated Base Margin w/SI, FAR & FFU, w/o Fuel Use SDGE - NCCI-T Local Transmission Costs | \$118 \$101 | SDGE RD Model / Detail Alloc SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T HPD Costs | \$0 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T MPD Costs | \$0 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T Other Operating Costs and Revenues | \$241 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T Regulatory Accounts | \$200 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T ITBA Base Margin | \$5 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T ITBA Base Margin | \$131 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T Transport Rev Req w/o BBT, w/ FFU & EOR Cr \$000/yr SDGE - EG-T Total Allocated Base Margin w/SI, FAR & FFU, w/o Fuel Use | \$559 \$2,454 | SDGE RD Model / Detail Alloc SDGE RD Model / Detail Alloc |
| SDGE - EG-T Local Transmission Costs | \$2,429 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T HPD Costs | \$0 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T MPD Costs | \$0 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T Other Operating Costs and Revenues | \$5,929 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T Regulatory Accounts | \$5,468 | SDGE RD Model / Detail Alloc |
| SDGE CYPM mth/mo Res | 50,188 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo Core C&I SDGE CYPM mth/mo NR A/C | 23,331 0 | SDGE RD Model / Alloc Factors SDGE RD Model / Alloc Factors |
| SDGE CYPM mtn/mo NR A/C SDGE CYPM mth/mo Gas Eng | 0 | SDGE RD Model / Alloc Factors SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo NGV | 1,960 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo Total Core | 75,479 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo Non Core C&I | 3,947 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo EG Tier 1 | 2,244 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo EG Tier 2 | 39,175 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo EOR | 0 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo Total Retail Non Core | 45,366 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo Long Beach | 0 | SDGE RD Model / Alloc Factors SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo SDG&E SDGE CYPM mth/mo Sout West Gas | 0 | SDGE RD Model / Alloc Factors SDGE RD Model / Alloc Factors |
| SDGE CYPM mtn/mo Sout West Gas SDGE CYPM mth/mo Vernon | 0 | SDGE RD Model / Alloc Factors SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo Total Whole sale | 0 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo DGN | Ö | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo TBS | 0 | SDGE RD Model / Alloc Factors |
| | | |
| | | |

| SDGE CYPM mth/mo Total Non Core | 45,366 | SDGE RD Model / Alloc Factors |
|--|---|---|
| SDGE CYPM mth/mo Total System \$000 SDGE NonCore Embedded Customer Related Costs \$000 | 120,845 \$255 | SDGE RD Model / Alloc Factors SDGE RD Model/Cost Alloc |
| SDGE NonCore Embedded Medium Pressure Distribution Costs \$000 | \$2,904 | SDGE RD Model/Cost Alloc |
| SDGE Non Core Embedded High Pressure Distribution Costs \$000 | \$0 | SDGE RD Model/Cost Alloc |
| SDGE NonCore Embedded Transmission Costs \$000 SDGE NonCore Embedded Storage - Seasonal \$000 | \$20,395 \$0 | SDGE RD Model/Cost Alloc SDGE RD Model/Cost Alloc |
| SDGE NonCore Embedded Storage - Load Balancing \$000 | \$0 | SDGE RD Model/Cost Alloc |
| SDGE NonCore Embedded Storage - TBS \$000 | \$0 | SDGE RD Model/Cost Alloc |
| SDGE NonCore Embedded Non-DSM Marketing Related Costs \$000 SDGE NonCore Embedded Credit (EOR Revenues - EOR UAF) * 95% \$000 | \$0 \$0 | SDGE RD Model/Cost Alloc SDGE RD Model/Cost Alloc |
| SDGE NonCore Embedded Less Allocated Transmission Cost \$000 | \$0 | SDGE RD Model/Cost Alloc |
| SDGE NonCore Embedded Plus Allocated Local T under SI \$000 | \$8,230 | SDGE RD Model/Cost Alloc |
| Total Margin Allocation w/o SI, FAR, Fuel Use, FF&U Other Op | \$323,020 \$2,493 | SDGE RD Model/Cost Alloc SDGE RD Model/Cost Alloc |
| SCG Storage Charges | \$20,428 | SDGE RD Model/Cost Alloc |
| Reg Accounts | \$61,061 | SDGE RD Model/Cost Alloc |
| Less EC Transmission Plus Local-T | (\$40,564) \$0 | SDGE RD Model/Cost Alloc SDGE RD Model/Cost Alloc |
| plus FAR revenue | \$30,553 | SDGE RD Model/Cost Alloc |
| less local-T noncore trans cust costs | (\$14,410) | SDGE RD Model/Revenue Check |
| plus Reg Gap Revenue plus new SCG Transport (i.e.RegGap SDGE C&D) | \$13,692 \$4,691 | SDGE RD Model/Revenue Check SDGE RD Model/Cost Alloc |
| SW Adjustments | \$1,288 | SDGE RD Model/Revenue Check |
| EG Tier 1-D Pre-SW Total revenue \$000/yr | \$2,640 | SDGE RD Model/EG-D Rates |
| EG Tier 1-D AYTP Mth/yr | 24,662 | SDGE RD Model/EG-D Rates |
| EG Tier 1-D Customer Charge Revenue \$000 EG Tier 2-D Pre-SW Total revenue \$000/yr | \$41 \$2,808 | SDGE RD Model/EG-D Rates SDGE RD Model/EG-D Rates |
| EG Tier 2-D AYTP Mth/yr | 44,206 | SDGE RD Model/EG-D Rates |
| EG Tier 2-D Customer Charge Revenue \$000 | \$0 | SDGE RD Model/EG-D Rates |
| EG Tier 1 Pre-SW Total revenue NoTLS \$000/yr | n/a | SDGE RD Model/EG Rates NoTLS |
| EG Tier 1 Customer Charge Revenue \$000 EG Tier 2 Pre-SW Total revenue NoTLS \$000/yr | n/a n/a | SDGE RD Model/EG Rates NoTLS SDGE RD Model/EG Rates NoTLS |
| EG Tier 1 NoTLS AYTP Mth/yr | 29,736 | SDGE RD Model/Alloc Factors |
| EG Tier 2 NoTLS AYTP Mth/yr | 500,494 | SDGE RD Model/Alloc Factors |
| Final Rev Reg \$000 | \$379,928 | SDGE RD Model/Rate Tables |
| Pre-SW NGV Transportation Volumetric Revenue Pre-SW NGV Customer Charge Revenue | \$2,754 | SDGE RD Model / NGV Rates SDGE RD Model / NGV Rates |
| NGV Transportation volumes mth/yr | \$12 24,129 | SDGE RD Model / NGV Rates |
| NGV Post SW Customer Charge Revenue: | \$12 | SDGE RD Model / NGV Rates |
| Pre SW NGV Compressor Revenue \$000 | \$647 | SDGE RD Model / NGV Rates |
| NGV Compressor Volumes Mth/yr SDGE NCCI-T Direct Peak Day Demand Mth/day | 628 48 | SDGE RD Model / NGV Rates SDGE RD Model / Alloc Factors |
| SDGE EG-T Direct Peak Day Demand Mth/day | 1,690 | SDGE RD Model / Alloc Factors |
| SDGE Core Cumulative Transmission Peak Day Mth/day | 4,123 | SDGE RD/Alloc Factors |
| SDGE Noncore Cumulative HP Distribution Peak Day Mth/day SDGE Core & Dist Forecast AYTP Mth/yr | 265 630,384 | SDGE RD/Alloc Factors SDGE RD/Alloc Factors |
| SDGE Core & Dist Forecast CYTP Mitr/yr | 669,016 | SDGE RD/Alloc Factors |
| SDGE Core & Dist Forecast # Customers | 905,151 | SDGE RD/Alloc Factors |
| SDGE Core & Dist Forecast CYPM Mth/mo | 83,698 | SDGE RD/Alloc Factors |
| SDGE NCCI-T Forecast AYTP Mth/yr SDGE NCCI-T Forecast CYTP Mth/yr | 17,569 17,569 | SDGE RD/Alloc Factors SDGE RD/Alloc Factors |
| SDGE NCCI-T Forecast # Customers | 9 | SDGE RD/Alloc Factors |
| SDGE NCCI-T Forecast CYPM Mth/mo | 1,477 | SDGE RD/Alloc Factors |
| SDGE EG-T Forecast AYTP Mth/yr SDGE EG-T Forecast CYTP Mth/yr | 461,363 461,363 | SDGE RD/Alloc Factors SDGE RD/Alloc Factors |
| SDGE EG-T Forecast # Customers | 15 | SDGE RD/Alloc Factors |
| SDGE EG-T Forecast CYPM Mth/mo SDGE Local-T Costs Res | 35,670 \$0 | SDGE RD/Alloc Factors |
| SDGE Local-T Costs CCI | \$0 \$0 | SDGE RD Model/Cost Alloc SDGE RD Model/Cost Alloc |
| SDGE Local-T Costs NGV | \$0 | SDGE RD Model/Cost Alloc |
| SDGE Local-T Costs NCCI | \$0 | SDGE RD Model/Cost Alloc |
| SDGE Local-T Costs EG Tier 1 SDGE Local-T Costs EG Tier2 | \$0 \$0 | SDGE RD Model/Cost Alloc SDGE RD Model/Cost Alloc |
| SDGE BBT Costs Res | \$12,135 | SDGE RD Model/Cost Alloc |
| SDGE BBT Costs CCI | \$7,182 | SDGE RD Model/Cost Alloc |
| SDGE BBT Costs NGV SDGE BBT Costs NCCI | \$853 \$1,659 | SDGE RD Model/Cost Alloc SDGE RD Model/Cost Alloc |
| SDGE BBT Costs EG Tier 1 | \$1,051 | SDGE RD Model/Cost Alloc |
| SDGE BBT Costs EG Tier2 | \$17,686 | SDGE RD Model/Cost Alloc |
| SDGE CoUse Transmission Costs SDGE Forecast AYTP Mth/yr Core | \$0 532,140 | SDGE RD Model/Misc Inputs SDGE RD/Alloc Factors |
| SDGE Forecast AYTP Mth/yr NCCI-D | 29,376 | SDGE RD/Alloc Factors |
| SDGE Forecast AYTP Mth/yr EG-D SDGE Forecast CYTP Mth/yr Core | 68,867 | SDGE RD/Alloc Factors |
| SDGE Forecast CYTP Mth/yr NCCI-D | 570,773 29,376 | SDGE RD/Alloc Factors SDGE RD/Alloc Factors |
| SDGE Forecast CYTP Mth/yr EG-D | 68,867 | SDGE RD/Alloc Factors |
| SDGE Forecast # Customers Core | 905,032 44 | SDGE RD/Alloc Factors |
| SDGE Forecast # Customers NCCI-D SDGE Forecast # Customers EG-D | 75 | SDGE RD/Alloc Factors SDGE RD/Alloc Factors |
| SDGE Forecast CYPM Mth/yr Core | 75,479 | SDGE RD/Alloc Factors |
| SDGE Forecast CYPM Mth/yr NCCI-D | 2,470 | SDGE RD/Alloc Factors |
| SDGE Forecast CYPM Mth/yr EG-D SDGE FFU Rate | 5,749 102.29% | SDGE RD/Alloc Factors SDGE RD/Cost Alloc |
| FFU Rate Gross-to-Net Ratio | 97.76% | SDGE RD/Misc Inputs |
| SDGE Mbtu/mcf | 1,040 | SDGE RD/Misc Inputs |
| Authorized Base Margin in 2008GRC (excl misc revenue) \$000 Current Authorized Base Margin | \$304,021 \$323,020 | SDGE RD/Revenue Check SDGE RD/Revenue Check |
| Net System Integration | (\$32,334) | SDGE RD/Revenue Check |
| Other Operate Costs | \$27,612 | SDGE RD/Revenue Check |
| Regulatory Accounts SW NGV Adjustment | | |
| | \$61,061 \$294 | SDGE RD/Revenue Check SDGE RD/Revenue Check |
| SW EG Adjustment | \$61,061 \$294 \$994 | SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check |
| SW EG Adjustment SW NGV & EG Adjustment | \$294 \$994 \$1,288 | SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check |
| SW EG Adjustment SW NGV & EG Adjustment Net TLS Adjustment | \$294 \$994 \$1,288 (\$719) | SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check |
| SW EG Adjustment SW NGV & EG Adjustment | \$294 \$994 \$1,288 | SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check |
| SW EG Adjustment SW NGV & EG Adjustment Net TLS Adjustment Revenue Requirement W/oFAR Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU CSITMA allocated to SDGE's NCCL-T customers \$000 | \$294 \$994 \$1,288 (\$719) \$379,928 \$290,686 \$56 | SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check |
| SW EG Adjustment SW NGV & EG Adjustment Net TLS Adjustment Net TLS Adjustment Revenue Requirement w/oFAR Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU CSITMA allocated to SDGE's NCCI-T customers \$000 CSITMA allocated to SDGE's EG-T customers \$000 | \$294 \$994 \$1,288 (\$719) \$379,928 \$290,686 \$56 \$0 | SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check |
| SW EG Adjustment SW NGV & EG Adjustment Net TLS Adjustment Revenue Requirement W/oFAR Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU CSITMA allocated to SDGE's NCCL-T customers \$000 | \$294 \$994 \$1,288 (\$719) \$379,928 \$290,686 \$56 | SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check |
| SW EG Adjustment SW NGV & EG Adjustment Net TLS Adjustment Revenue Requirement w/oFAR Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU CSITMA allocated to SDGE's NCCI-T customers \$000 CSITMA allocated to SDGE's EG-T customers \$000 EFBA EG-D Tier 1 EFBA EG-D Tier 2 EFBA EG-T | \$294 \$994 \$1,288 (\$719) \$379,928 \$290,686 \$56 \$0 \$20 \$37 \$33 | SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check |
| SW EG Adjustment SW NGV & EG Adjustment Net TLS Adjustment Revenue Requirement w/oFAR Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU CSITMA allocated to SDGE's NCCI-T customers \$000 CSITMA allocated to SDGE's EG-T customers \$000 EFBA EG-D Tier 1 EFBA EG-D Tier 2 EFBA EG-T EFBA NCCI-T | \$294 \$994 \$1,288 (\$719) \$379,928 \$290,686 \$56 \$0 \$20 \$37 \$33 \$15 | SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check |
| SW EG Adjustment SW NGV & EG Adjustment Net TLS Adjustment Revenue Requirement w/oFAR Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU CSITMA allocated to SDGE's NCCI-T customers \$000 CSITMA allocated to SDGE's EG-T customers \$000 EFBA EG-D Tier 1 EFBA EG-D Tier 2 EFBA EG-T | \$294 \$994 \$1,288 (\$719) \$379,928 \$290,686 \$56 \$0 \$20 \$37 \$33 | SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check SDGE RD/Revenue Check |

SOUTHERN CALIFORNIA GAS COMPANY 2020 TCAP

Section 2 NGV Compression Rate Adder Model

Workpapers to the Prepared Written Testimony of Sharim Chaudhury

2020 TCAP NGV Compression Adder Revenue Requirement

| NGV Station Costs \$000's | | | Total Public & Private Access \$000's/yr | \$/th | Public Access Station \$000's/yr | \$/th | Data Source |
|---|--------------------|--------------------|---|----------------------------|---|----------------------------|--------------------------|
| NGV Station Rate Base | | | \$7,696 | \$1.83 | \$3,560 | \$1.26 | Return tab |
| Rate of Return % | | | 8.03% | | 8.03% | | Return tab |
| Return on Ratebase | | | \$618 | \$0.15 | \$286 | \$0.10 | |
| Income Taxes Ad Valorem Taxes | | | \$66 \$99 | \$0.02 \$0.02 | \$31 \$46 | \$0.01 \$0.02 | Return Tab Return Tab |
| Depreciation Expense | | | \$972 | \$0.23 | \$401 | \$0.14 | NGV Dept |
| Capital Related Revenue Requirement | | | \$1,755 | \$0.42 | \$763 | \$0.27 | |
| NGV Station Throughput in THERMS O&M Expense Electricity Expense Customer Related O&M | \$/th = \$/th = | \$0.584 \$0.176 | 4,204,414 \$2,453 \$739 \$3,192 | \$0.58 \$0.18 \$0.76 | 2,832,898 \$1,653 \$498 \$2,151 | \$0.58 \$0.18 \$0.76 | NGV Dept NGV Dept |
| Effective NGV Station Revenue Requirement | | \$4,947 | \$1.18 | \$2,914 | \$1.03 | | |
| Total NGV Station Throughput in therms | | | 4,204,414 | | 2,832,898 | | NGV Dept |
| Compression Throughput Mth/year | | | 4,204 | 4,204 | 2,833 | 2,833 | |
| Compression Rate \$/therm | | | \$1.18 | | \$1.03 | | |
| Sempra Wide Compressor Adder \$/therm | | | | | \$1.04238 | | SCG RD model/Rate tables |

2020 TCAP Calculation of Capital Related costs

| Calculation of NGV Station Capital related Costs \$000's | Total Public & Private Access \$000's/yr | Public Access Station \$000's/yr | Data Source | Notes |
|---|---|--|---|--------------------|
| NBV of NGV Stations Total NBV of Utility Gas Plant in Service NBV Ratio | \$16,165 \$10,029,010 0.16% | \$7,477 \$10,029,010 0.07% | Recorded 2016 FERC Form 2 p.200, line 15 | updated updated |
| Total Utility Rate Base NBV Ratio NGV Station Ratebase | \$4,774,574 0.16% \$7,696 | \$4,774,574 0.07% \$3,560 | Recorded 2016 | updated |
| Total Utility Income & CNG Fuel taxes NBV Ratio NGV Station Income & CNG Fuel taxes | \$41,062 0.16% \$66 | \$41,062 0.07% \$31 | FERC Form 2 p.263a, lines 2 + 9 +5,e | updated |
| Total Utility AdValorem taxes NBV Ratio NGV Station Income & CNG Fuel taxes | \$61,112 0.16% \$99 | \$61,112 0.07% \$46 | FERC Form 2 p.263a, line 16 e | updated |

Calculation of Authorized ROR% and Total Return on Ratebase:

| | Capital Ratio | Rate | ROR% | |
|-----------------|---------------|--------|-------|--|
| Long-Term Debt | 45.60% | 5.77% | 2.63% | |
| Preferred Stock | 2.40% | 6.00% | 0.14% | |
| Common Equity | 52.00% | 10.10% | 5.25% | |
| Total ROR% | 100% | | 8.03% | |

FERC Form 2 p.122.52, Cost of Capital updated

SOUTHERN CALIFORNIA GAS COMPANY 2020 TCAP

Section 3
Submeter Credit Model

Workpapers to the Prepared Written Testimony of Sharim Chaudhury

- Step 1: Submetering Avoided Cost Credit

 >> For multi-family dwelling units & mobile home parks supplied through one meter and submetered to all individual units (Schedule GS).

 >> Due to use of Subunit, Traditional Meter Capital and O&M Expenses Are Avoided. However, Savings Offset By Incurred Master Meter Capital and O&M Expenses.

 >> Master Meter Capital and O&M Expenses are Quantified on a Per Subunit Basis.

 >> Net Submetering Avoided Cost Credit = (Traditional Meter Capital and O&M) (Master Meter Capital and O&M ÷ Average No. of Subunits Per Master Meter)

 >> Adopted Proposal = Western Mobilehome Parkowners Association. From Exhibit No. 52-A, As Filed w/Scaling.

SUBMETER AVOIDED COST CREDIT 2020 TCAP

| | | Avoided Cost Per Subunit (Single Fan | Incurred Cost nily) Per Master Meter (S | imall) | |
|----------|---|---|--|----------|--|
| | Capital Cost - Annual Revenue Requirement | (\$/cst/yr.) | (\$/cst/yr.) | , | _ |
| 1 | Meter | \$36.24 | \$171.82 | 1 | SCG LRMC Customer Cost - Tab cust mc |
| 2 | Service Line | \$138.36 | \$729.80 | 2 | SCG LRMC Customer Cost - Tab cust mc |
| 3 | Mains (Exclusive use) | \$0.00 | \$0.00 | 3 | SCG LRMC Customer Cost - Tab cust mc |
| 4 | Subtotal Capital | \$174.60 | \$901.62 | 4 | |
| | O&M Cost | | | | |
| 5 | Meter O&M | \$1.54 | \$7.36 | 5 | SCG LRMC Customer Cost - Tab cust mc |
| 6 | Service Line O&M | \$6.19 | \$9.62 | 6 | SCG LRMC Customer Cost - Tab cust mc |
| 7 | Customer Services O&M | \$23.84 | \$23.84 | 7 | SCG LRMC Customer Cost - Tab cust mc |
| 8 | Customer Accounts O&M | \$21.69 | \$21.69 | 8 | SCG LRMC Customer Cost - Tab cust mc |
| | Customer Service & Information Cost (CSI) Costs O&M | \$4.85 | \$4.85 | | |
| | O&M Loaders | | | | |
| 9 | A&G Loading | \$25.36 | \$29.39 | 9 | SCG LRMC Customer Cost - Tab cust mc |
| 10 11 | General Plant Loading M&S Costs | \$26.12 | \$30.27 | 10 11 | SCG LRMC Customer Cost - Tab cust mc SCG LRMC Customer Cost - Tab cust mc |
| | | \$0.46 | \$0.53 | | SCG LRMC Customer Cost - Tab cust mc |
| 12 | Subtotal O&M | \$110.05 | \$127.56 | 12 | |
| 13 | Net Capital + O&M Cost | \$284.65 | \$1,029.18 | 13 | |
| 14 | x Scaling Factor | 62.58% | 62.58% | 14 | SCG Cost Allocation |
| 15 | = Avoided / Incurred Cost / Yr | \$178.12 | \$644.03 | 15 | |
| 16 | ÷ Number Months / Year | 12 | 12 | 16 | |
| 17 | = Avoided / Incurred Cost / Mo | \$14.84 | \$53.67 | 17 | |
| 18 | ÷ Avg No. of Subunits Per Master Meter Account | 1 | 81 | 18 | Recorded 2016 |
| 19 | = Incurred Cost Per Living Unit for Master Meter | | \$0.66 | 19 | |
| 20 | Net Avoided Cost / Month | \$14.18 < | << OUTPUT | 20 | << Net of (Avoided Subunit Costs) - (Incurred Master Meter Costs) Per Subunit. |

<u>Step 2: Daily Submetering Credit</u>
>> The Submeter Avoided Cost Credit Is Provided As A Daily Credit for Tariff Reporting Purposes.
>> Note: CARE Customers Receive the Submeter Avoided Cost Credit LESS the CARE Discount.

DAILY SUBMETER CREDIT

| | Description | GS/GT-S | Care Rate GSL / GT - SL | | <<< (|
|---|--------------------------------|-----------|----------------------------|---|-------|
| | | (Dollars) | (Dollars) | | |
| 1 | Net Avoided Cost / Month | \$14.18 | \$14.18 | 1 | |
| 2 | - SoCalGas Monthly Cust Charge | \$5.00 | \$4.00 | 2 | <<< l |
| 3 | Submeter Credit / Month | \$9.18 | \$10.18 | 3 | <<< (|
| 4 | x Number Months / Year | 12 | 12 | 4 | |
| 5 | Submeter Credit / Year | \$110.16 | \$122.16 | 5 | |
| 6 | Number Days / Year | 365 | 365 | 6 | |
| 7 | = Submeter Credit / Day | \$0.30181 | \$0.33468 | 7 | <<< (|
| | | | | | |

DAILY SUBMETER CREDIT

2020 TCAP

| | Description | GS/GT-S | Care Rate GSL / GT - SL | |
|---|--------------------------------|-----------|----------------------------|---|
| | | (Dollars) | (Dollars) | |
| 1 | Net Avoided Cost / Month | \$14.18 | \$14.18 | 1 |
| 2 | - SoCalGas Monthly Cust Charge | \$10.00 | \$8.00 | 2 |
| 3 | Submeter Credit / Month | \$4.18 | \$6.18 | 3 |
| 4 | x Number Months / Year | 12 | 12 | 4 |
| 5 | Submeter Credit / Year | \$50.16 | \$74.16 | 5 |
| 6 | Number Days / Year | 365 | 365 | 6 |
| 7 | = Submeter Credit / Day | \$0.13742 | \$0.20318 | 7 |

GSL / GT - SL Tariff for Low Income Assistance Customers.

Employs Current CARE Discount Rate of 20%

OUTPUT

OUTPUT

<<< GSL / GT - SL Tariff for Low Income Assistance Customers.

<<< Employs Current CARE Discount Rate of 20%

<<< OUTPUT

<<< OUTPUT

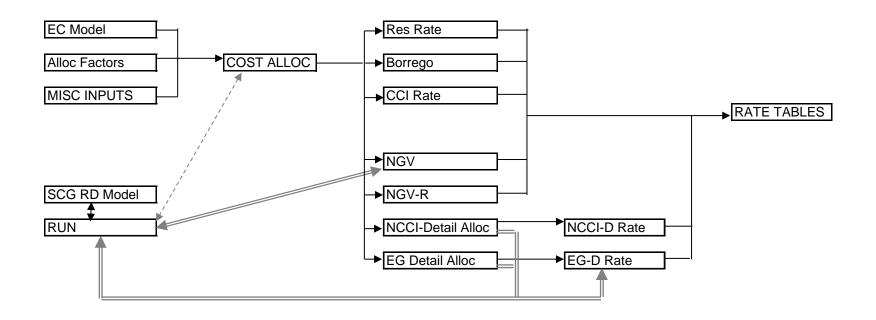
SAN DIEGO GAS & ELECTRIC 2020 TCAP

Section 1
Rate Design Model

Workpapers to the Prepared Written Testimony of Sharim Chaudhury

Gas Transportation Rates and Revenues San Diego Gas & Electric 2020 TRIENNIAL COST ALLOCATION PROCEEDING

| | Worksheet Tab | Purpose |
|----|--------------------|--|
| 1 | Table of Contents | Table of Contents |
| 2 | Flowchart | Rate Design Model Flowchart |
| 3 | Rate Tables | Proposed rates & revenue compared to Current Rates & Revenue |
| 4 | Revenue Check | Verifies that revenue requirements are properly recovered in rates |
| 5 | Cost Alloc | Allocates costs to customer classes |
| 6 | Alloc Factors | Factors used to allocate costs to classes, primarily demand forecast |
| 7 | CA Model | Results of base margin cost allocation model |
| 8 | Misc Input | Miscellaneous inputs, such as cost of gas |
| 9 | Res rate | Calculation of Residential Rates |
| 10 | Borrego | Data used in calculation of Borrego Springs Surcharge Rate |
| 11 | CCI Rates | Calculation of Core C&I rates |
| 12 | NGV | Calculation of NGV rate |
| 13 | NGV-R Rate | Calculation of NGV Residential rate |
| 14 | NCCI-D Rates | Calculation of Noncore C&I rate for Distribution level service |
| 15 | EG-D Rates | Calculation of Electric Generation rate for Distribution level service |
| 16 | NCCI detail Alloc | Allocation of NCCI costs into Distribution and Transmission level service |
| 17 | EG Detail Alloc | Allocation of EG costs into Distribution and Transmission level service |
| 18 | SDFFD | Calculation of San Diego Franchise Fee Differential |
| 19 | Current Cost Alloc | Results of Current Cost Allocation |
| 20 | Reconcile | Reconciles revenue requirement and rates between Proposal and Current |
| 21 | Res Bill | Compare residential bill under current rates and proposed rates |
| 22 | CCI Bill | Compare core commercial/industrial bill under current rates and proposed rates |
| 23 | RUN | Data that transfers between SCG and SDGE Rate Design Models |



KEY:

Data exchanged with SCG for Sempra Wide NGV, EG-D and TLS rates.

Data exchanged with SCG for System Integration and FAR revenue.

Tabs not shown in flowchart

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Flowchart

Revenue Check

SDFFD

Current Cost Alloc

Reconcile

Res Bill

CCI Bill

TABLE 1 Natural Gas Transportation Rate Revenues San Diego Gas & Electric 2020 TCAP Application

| | , | At F | Present Rate | s | | At Proposed R | ates | | Changes | |
|----|---------------------------------|-----------|--------------|-----------|-----------|---------------|-----------|-----------|-------------|--------|
| | | Jul-1-18 | Average | Jul-1-18 | Jan-1-20 | Average | Jan-1-20 | | | Rate |
| | ! | Volumes | Rate | Revenues | Volumes | Rate | Revenues | Revenues | Rates | change |
| | ! | mtherms | \$/therm | \$000's | mtherms | \$/therm | \$000's | \$000's | \$/therm | % |
| | | Α | В | С | D | E | F | G | Н | I |
| 1 | CORE | | | | | | | | | |
| 2 | Residential | 319,982 | \$0.91560 | \$292,977 | 313,234 | \$0.92590 | \$290,025 | (\$2,952) | \$0.01030 | 1.1% |
| 3 | Commercial & Industrial | 182,660 | \$0.27781 | \$50,744 | 194,777 | \$0.32346 | \$63,002 | \$12,258 | \$0.04565 | 16.4% |
| 4 | ! | 1 | | | | | | | | |
| 5 | NGV - Pre Sempra-Wide | 18,501 | \$0.14069 | \$2,603 | 24,129 | \$0.14570 | \$3,515 | \$913 | \$0.00501 | 3.6% |
| 6 | Sempra-Wide Adjustment | 18,501 | \$0.01414 | \$262 | 24,129 | \$0.01216 | \$294 | \$32 | (\$0.00197) | -13.9% |
| 7 | NGV Post Sempra-Wide | 18,501 | \$0.15482 | \$2,864 | 24,129 | \$0.15786 | \$3,809 | \$945 | \$0.00304 | 2.0% |
| 8 | ! | | | | | | | | | |
| 9 | Total CORE | 521,144 | \$0.66505 | \$346,586 | 532,140 | \$0.67057 | \$356,836 | \$10,250 | \$0.00552 | 0.8% |
| 10 | ! | | | | | | | | | |
| 11 | NONCORE COMMERCIAL & INDUSTRIAL | | | | | | | | | |
| 12 | Distribution Level Service | 27,807 | \$0.11678 | \$3,247 | 29,376 | \$0.09876 | \$2,901 | (\$346) | (\$0.01802) | -15.4% |
| 13 | Transmission Level Service (2) | 17,168 | \$0.02443 | \$419 | 17,569 | \$0.03239 | \$569 | \$150 | \$0.00796 | 32.6% |
| 14 | Total Noncore C&I | 44,975 | \$0.08152 | \$3,667 | 46,945 | \$0.07392 | \$3,470 | (\$196) | (\$0.00760) | -9.3% |
| 15 | ! | | | | | | | | | |
| 16 | NONCORE ELECTRIC GENERATION | 1 | | | | | | | | |
| 17 | Distribution Level Service | | | | | | | | | |
| 18 | Pre Sempra-Wide | 95,807 | \$0.05180 | \$4,963 | 68,867 | \$0.07993 | \$5,505 | \$542 | \$0.02813 | 54.3% |
| 19 | Sempra-Wide Adjustment | 95,807 | \$0.01873 | \$1,794 | 68,867 | \$0.01444 | \$994 | (\$800) | (\$0.00429) | -22.9% |
| 20 | Distribution Level post SW | 95,807 | \$0.07053 | \$6,757 | 68,867 | \$0.09437 | \$6,499 | (\$258) | \$0.02384 | 33.8% |
| 21 | Transmission Level Service (2) | 574,075 | \$0.02048 | \$11,756 | 461,363 | \$0.02844 | \$13,123 | \$1,367 | \$0.00797 | 38.9% |
| 22 | Total Electric Generation | 669,882 | \$0.02764 | \$18,513 | 530,230 | \$0.03701 | \$19,621 | \$1,109 | \$0.00937 | 33.9% |
| 23 | | | • | • | | | | • | | |
| 24 | TOTAL NONCORE | 714,857 | \$0.03103 | \$22,179 | 577,175 | \$0.04001 | \$23,092 | \$912 | \$0.00898 | 28.9% |
| 25 | | | | | | | | | | |
| 26 | SYSTEM TOTAL | 1,236,000 | \$0.29835 | \$368,765 | 1,109,315 | \$0.34249 | \$379,928 | \$11,163 | \$0.04413 | 14.8% |

¹⁾ These rates are for Natural Gas Transportation Service from "Citygate to Meter." The Backbone Transportation Service (BTS) rate is for service from Receipt Point to Citygate. The BTS rate is a SoCalGas tariff and service is purchased from SoCalGas.

²⁾ The average Transmission Level Service (TLS) rate is shown here, see Rate Table 6 for detailed list of TLS rates.

³⁾ All rates include Franchise Fees & Uncollectible charges.

TABLE 2 Core Gas Transportation Rates San Diego Gas & Electric 2020 TCAP Application

| | | At | Present Rates | S | At Propo | sed Rates | | | Changes | |
|----------|---|----------|---------------|-----------|----------|-------------|-----------|------------|-------------|--------|
| | | Jul-1-18 | Average | Jul-1-18 | Jan-1-20 | Average | Jan-1-20 | | | Rate |
| | | Volumes | Rate | Revenues | Volumes | Rate | Revenues | Revenues | Rates | change |
| | | mtherms | \$/therm | \$000's | mtherms | \$/therm | \$000's | \$000's | \$/therm | % |
| | | Α | В | С | D | E | F | G | Н | 1 |
| 1 | Residential RATES Schedule GR,GM | | | | | | | | | |
| 2 | Rates Exclude CSITMA & CAT | | | | | | | | | |
| 3 | Minimum Bill/Customer Charge | 884,624 | \$3.00 | \$221 | 874,067 | \$10.00 | \$104,888 | \$104,667 | | |
| 4 | | | | | | | | | | |
| 5 | Baseline \$/therm | 215,947 | \$0.86668 | \$187,156 | 255,260 | \$0.48617 | \$124,101 | (\$63,055) | (\$0.38050) | -43.9% |
| 6 | Non-Baseline \$/therm | 104,035 | \$1.04355 | \$108,566 | 57,974 | \$1.07317 | \$62,217 | (\$46,349) | \$0.02962 | 2.8% |
| 7 | Average Rate \$/therm | 319,982 | \$0.92487 | \$295,943 | 313,234 | \$0.92967 | \$291,206 | (\$4,738) | \$0.00480 | 0.5% |
| 8 | NBL/BL Ratio | | | | | | | | | |
| 9 | Composite Rate \$/th | | \$ 1.18018 | | | \$1.17395 | | | -\$0.00623 | |
| 10 | Gas Rate \$/th | | \$ 0.31248 | | | \$0.27687 | | | -\$0.03561 | -11.4% |
| 11 | NBL/Composite rate ratio | | 1.15 | | | 1.15 | | | | |
| 12 | NBL- BL rate difference \$/th | | 0.17687 | | | \$0.58700 | | | \$0.41013 | |
| 13 | | | | | | | | | | |
| 14 | Rates Include CSITMA, CARB and GHG Adders, Excludes CAT | | | | | | | | | |
| 15 | CSITMA Adder to Volumetric Rate | 258,048 | \$0.00331 | \$855 | 258,322 | \$0.00318 | \$822 | (\$33) | (\$0.00013) | -3.9% |
| 16 | CARB Adder to Volumetric Rate | | | | 313,234 | \$0.00083 | \$261 | | | |
| 17 | GHG End User Adder to Volumetric Rate | | | | 319,982 | \$0.00000 | \$0 | | | |
| 18 | Baseline \$/therm | | \$0.86999 | | | \$0.49019 | | | (\$0.37980) | -43.7% |
| 19 | Non-Baseline \$/therm | | \$1.04686 | | | \$1.07719 | | | \$0.03033 | 2.9% |
| 20 | Average NonCARE Rate \$/therm | | \$0.92819 | | | \$0.93369 | | | \$0.00550 | 0.6% |
| 21 | 0.1.11.4.4.0.4.11.4.00.07 | | | | | | | | | |
| 22 | Sub Meter Credit Schedule GS,GT | 5.070 | (00.00000) | (0000) | 5.070 | (00.00400) | (0500) | 0054 | 00.44770 | 00.00/ |
| 23 | GS Unit Discount \$/day | 5,870 | (\$0.38268) | (\$820) | 5,879 | (\$0.26499) | (\$569) | \$251 | \$0.11770 | -30.8% |
| 24 25 | GT Unit Discount \$/day | 27,189 | (\$0.40932) | (\$4,062) | 26,104 | (\$0.28570) | (\$2,722) | \$1,340 | \$0.12362 | -30.2% |
| 25 26 | Schedule GL-1 | | | | | | | | | |
| 27 | LNG Facility Charge, domestic use \$/month | 321 | \$14.79 | \$57 | 293 | \$14.79 | \$52 | | \$0.00000 | 0.0% |
| 28 | LNG Facility Charge, non-domestic \$/mth/mbtu | 321 | \$0.05480 | ΨΟΙ | 293 | \$0.05480 | Ψ32 | | \$0.00000 | 0.0% |
| 29 | LNG Volumetric Surcharge \$/th | 74 | \$0.16571 | \$12 | 76 | \$0.16571 | \$13 | | \$0.00000 | 0.0% |
| 30 | ENO Volumetric Outcharge with | 74 | ψ0.10371 | \$69 | 70 | ψ0.10071 | \$65 | | ψ0.00000 | 0.070 |
| 31 | Volumetric Rates Include All Adders & CAT | | | ΨΟΟ | | | ψoo | | | |
| 32 | CAT Adder to Volumetric Rate | 2,764 | \$0.00000 | \$0 | 2,253 | \$0.00000 | \$0 | \$0 | \$0.00000 | |
| 33 | Baseline \$/therm | _, | \$0.86999 | ** | | \$0.49019 | ** | *** | (\$0.37980) | -43.7% |
| 34 | Non-Baseline \$/therm | | \$1.04686 | | | \$1.07719 | | | \$0.03033 | 2.9% |
| 35 | Average Rate \$/therm | | \$0.92819 | | | \$0.93369 | | | \$0.00550 | 0.6% |
| 36 | | | | | | | | | | |
| 37 | Other Adjustments: | | | | | | | | | |
| 38 | Employee Discount | | | (\$349) | | | (\$367) | (\$18) | | |
| 39 | SDFFD | | | \$1,340 | | | \$1,330 | (\$11) | | |
| 40 | | | | | | | | | | |
| 41 | Credit for CSITMA Exempt Customers: | | (\$0.00331) | | | (\$0.00318) | | | \$0.00013 | -3.9% |
| 42 | | | | | | | | | | |
| 43 | California Climate Credit - April Bill | | \$0.00 | | | \$0.00 | | | | |
| 44 | Total Residential | 319,982 | \$0.91560 | \$292,977 | 313,234 | \$0.92590 | \$290,025 | (\$2,952) | \$0.01030 | 1.1% |

See footnotes, Table 1.

<u>TABLE 3</u> Natural Gas Transportation Rate Revenues <u>San Diego Gas & Electric</u>

| | 1 | Λ+ Ι | Present Rate: | | At Propo | sed Rates | | | Changes | |
|----|--|----------|---------------|----------------|----------|-----------------|-------------|-------------|-------------|---------|
| | | Jul-1-18 | Average | Jul-1-18 | Jan-1-20 | Average | Jan-1-20 | | Changes | Rate |
| | | Volumes | Rate | Revenues | Volumes | Rate | Revenues | Revenues | Rates | change |
| | | mtherms | \$/therm | \$000's | mtherms | \$/therm | \$000's | \$000's | \$/therm | % |
| | | A | В | Ф000 s С | D | φ/tileiiii E | φ000 s F | φ000 s G | Н | /0 I |
| 1 | | | | 0 | | | | <u> </u> | | - |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | CORE COMMERCIAL & INDUSTRIAL RATES Schedule GN-3 | | | | | | | | | |
| 5 | Customer Charge \$/month | 30,265 | \$10.00 | \$3,632 | 30,937 | \$10.00 | \$3,712 | \$81 | \$0.00000 | 0.0% |
| 6 | Castonia Charge Chineria | 00,200 | ψ.σ.σσ | ψ0,00 <u>2</u> | 00,007 | Ψ10.00 | ψο,: :2 | Ψ3. | ψο.σσσσσ | 0.070 |
| 7 | Rates Exclude CSITMA & CAT | | | | | | | | | |
| 8 | Tier 1 = 0 to 1,000 therms/month | 82,658 | \$0.32811 | \$27,121 | 87,627 | \$0.39272 | \$34,413 | \$7,292 | \$0.06461 | 19.7% |
| 9 | Tier 2 = 1,001 to 21,000 therms/month | 84,219 | \$0.19690 | \$16,583 | 88,939 | \$0.23099 | \$20,544 | \$3,961 | \$0.03409 | 17.3% |
| 10 | Tier 3 = over 21,000 therms/month | 15,783 | \$0.15984 | \$2,523 | 18,211 | \$0.18530 | \$3,375 | \$852 | \$0.02546 | 15.9% |
| 11 | · | | | | | | | | | |
| 12 | Rates Includes CSITMA, Excludes CAT | | | | | | | | | |
| 13 | CSITMA Adder to Volumetric Rate | 182,649 | \$0.00331 | \$605 | 187,959 | \$0.00318 | \$598 | (\$7) | (\$0.00013) | -3.9% |
| 14 | Tier 1 = 0 to 1,000 therms/month | | \$0.33142 | | | \$0.39590 | | | \$0.06448 | 19.5% |
| 15 | Tier 2 = 1,001 to 21,000 therms/month | | \$0.20022 | | | \$0.23417 | | | \$0.03396 | 17.0% |
| 16 | Tier 3 = over 21,000 therms/month | | \$0.16315 | | | \$0.18849 | | | \$0.02533 | 15.5% |
| 17 | | | | | | | | | | |
| 18 | Rates Include CSITMA & CAT | | | | | | | | | |
| 19 | CAT Adder to Volumetric Rate | 35,463 | \$0.00000 | \$0 | 39,978 | \$0.00000 | \$0 | \$0 | \$0.00000 | |
| 20 | Tier 1 = 0 to 1,000 therms/month | | \$0.33142 | | | \$0.39590 | | | \$0.06448 | 19.5% |
| 21 | Tier 2 = 1,001 to 21,000 therms/month | | \$0.20022 | | | \$0.23417 | | | \$0.03396 | 17.0% |
| 22 | Tier 3 = over 21,000 therms/month | | \$0.16315 | | | \$0.18849 | | | \$0.02533 | 15.5% |
| 23 | | | | | | | | | | |
| 24 | Other Adjustments: | | | | | | | | | |
| 25 | Adjustment for SDFFD | | | \$281 | | | \$360 | \$79 | | |
| 26 | Credit for CSITMA Exempt Customers: | | (\$0.00331) | | | (\$0.00318) | | | \$0.00013 | -3.9% |
| 27 | | | | | | | | | | |
| 28 | Total Core C&I | 182,660 | \$0.27781 | \$50,744 | 194,777 | \$0.32346 | \$63,002 | \$12,258 | \$0.04565 | 16.4% |

¹⁾ CSITMA - Tariff rate Include CSITMA, exempt customers (including CARE participants and Constitutionally Exempt) receive Credit for CSITMA. CARE participants receive 20% CARE discount (Tariff rate less Credit for CSITMA Exempt Customers)*20%.

See footnotes, Table 1.

TABLE 4

Other Core Gas Transportation Rates <u>San Diego Gas & Electric</u>

01/00/00

2020 TCAP Application

2020 TCAP \$10 customer charge

| | 1 | | | | stomer charge | 15.4 | | | 01 | |
|----------|--|----------|-------------------|---------------|------------------|-----------------|---------------|----------|-----------------|---------|
| | | | Present Rates | | | osed Rates | | | Changes | |
| | | Jul-1-18 | Average | Jul-1-18 | Jan-1-20 | Average | Jan-1-20 | _ | _ | Rate |
| | | Volumes | Rate | Revenues | Volumes | Rate | Revenues | Revenues | Rates | change |
| | | mtherms | \$/therm | \$000's | mtherms | \$/therm | \$000's | \$000's | \$/therm | % |
| | | A | В | С | D | E | F | G | Н | I |
| 1 | NATURAL GAS VEHICLE RATES G-NGV & GT-NGV | Sempra | -Wide NGV Ra | ates | Sempra | -Wide NGV Rates | | | | |
| 2 | Customer Charge | 00 | 040.00 | 0.4 | 45 | 010.00 | 00 | (00) | # 0.00 | 0.00/ |
| 3 | P1 \$/month | 28 | \$13.00 | \$4 | 15 | \$13.00 | \$2 | (\$2) | \$0.00 | 0.0% |
| 4 | P2A \$/month | 10 | \$65.00 | \$8 | 13 | \$65.00 | \$10 | \$2 | \$0.00 | 0.0% |
| 5 | Haraman Andre Frankska COITMA 9 CAT 6/6-am- | 40.504 | CO 44000 | #0.000 | 04.400 | CO 40500 | #0.000 | £4.000 | CO 04570 | 4.4.407 |
| 6 | Uncompressed Rate Exclude CSITMA & CAT \$/therm | 18,501 | \$0.11003 | \$2,036 | 24,129 | \$0.12583 | \$3,036 | \$1,000 | \$0.01579 | 14.4% |
| 7 8 | Compressor Adder \$/therm exclude CSITMA & CAT | 744 | \$1.03701 | \$772 | 628 | \$1.04809 | \$659 | (\$113) | \$0.01108 | 1.1% |
| 9 | Combined transport & compressor adder \$/th | | \$1.14704 | | | \$1.17392 | | | \$0.02688 | 2.3% |
| | Volumetrie Detec Include CSITMA CARR and CHC evaluates CAT | | | | | | | | | |
| 10 11 | Volumetric Rates Include CSITMA, CARB and GHG excludes CAT CSITMA Adder to Volumetric Rate | 11,409 | \$0.00331 | \$38 | 22 502 | \$0.00318 | \$75 | \$37 | (\$0,00012) | 2.00/ |
| 12 | CARB Adder to Volumetric Rate | 11,409 | Ф 0.0033 I | φοο | 23,583 24,129 | \$0.00318 | \$75 \$20 | φ37 | (\$0.00013) | -3.9% |
| 13 | GHG End User Adder to Volumetric Rate | | | | 24,129 | \$0.00000 | \$20 \$0 | | | |
| 14 | Uncompressed Rate \$/therm | | \$0.11335 | | 24,129 | \$0.12984 | Φ0 | | \$0.01650 | 14.6% |
| 15 | Combined transport & compressor adder \$/th | | \$1.15036 | | - | \$1.17794 | - | | \$0.01030 | 2.4% |
| 16 | Combined transport & compressor adder \$/th | | φ1.13030 | | | ψ1.17794 | | | ψ0.02730 | 2.470 |
| 17 | Volumetric Rates Include CSITMA & CAT | | | | | | | | | |
| 18 | CAT Adder to Volumetric Rate | | \$0.00000 | | | \$0.00000 | | | | |
| 19 | Uncompressed Rate \$/therm | | \$0.11335 | | | \$0.12984 | | \$0 | \$0.01650 | 14.6% |
| 20 | Combined transport & compressor adder \$/th | | \$1.15036 | | _ | \$1.17794 | _ | ΨΟ | \$0.02758 | 2.4% |
| 21 | Other Adjustments: | | ψ1.13030 | | | ψ1.17754 | | | ψ0.02730 | 2.470 |
| 22 | Adjustment for SDFFD 0.491% | | | \$7 | | | \$7 | \$0 | | |
| 23 | Credit for CSITMA Exempt Customers \$/th | | (\$0.00331) | Ψ | | (\$0.00318) | Ų, | Ψο | \$0.00013 | -3.9% |
| 24 | Low Carbon Fuel Standard (LCFS) Credit | | \$0.00000 | | | \$0.00000 | | | ψοισσσ.σ | 0.070 |
| 25 | Total NGV | 18,501 | \$0.15482 | \$2,864 | 24,129 | \$0.15786 | \$3,809 | \$945 | \$0.00304 | 2.0% |
| 26 | | | | · | - | | | | | |
| 27 | RESIDENTIAL NATURAL GAS VEHICLES (optional rate) | | | | | | | | | |
| 28 | Customer Charge | 885 | \$5.00 | \$53 | 15 | \$5.00 | \$1 | (\$52) | \$0.00 | 0.0% |
| 29 | Uncompressed Rate w/o CSITMA & CAT \$/therm | 969 | \$0.25853 | \$251 | 9 | \$1.72275 | \$16 | (\$235) | \$1.46423 | 566.4% |
| 30 | | 969 | \$0.31329 | \$304 | 9 | \$1.81923 | \$17 | (\$287) | \$1.50594 | 480.7% |
| 31 | | | | | | | | | | |
| 32 | Volumetric Rates Including CSITMA , Excluding CAT | | | | | | | | | |
| 33 | CSITMA Adder to Volumetric Rate | | \$0.00331 | | 9 | \$0.00318 | \$0 | | (\$0.00013) | -3.9% |
| 34 | CARB Adder to Volumetric Rate | | | | 9 | \$0.00083 | \$0 | | | |
| 35 | GHG End User Adder to Volumetric Rate | | | | 9 | \$0.00000 | \$0 | | | |
| 36 | Uncompressed Rate \$/therm | | \$0.26184 | | | \$1.72677 | | | \$1.46493 | 559.5% |
| 37 | | | | | | | | | | |
| 38 | Volumetric Rates Include CSITMA & CAT | | | | | | | | | |
| 39 | CAT Adder to Volumetric Rate | 0 | \$0.00000 | \$0 | 0 | \$0.00000 | \$0 | \$0 | \$0.00000 | |
| 40 | Uncompressed Rate \$/therm | | \$0.26184 | | | \$1.72677 | | | (\$1.50594) | \$5 |
| 41 | | | | | | | | | | |
| 42 | Other Adjustments: | | | | | | | | | |
| 43 | Adjustment for SDFFD | | | \$0 | | | \$0 | \$0 | | |
| 44 | Credit for CSITMA Exempt Customers \$/th | | (\$0.00331) | | | (\$0.00318) | | | \$0.00013 | -3.9% |
| 45 | | | | | | | | | | |
| 46 | Total Residential NGV | 969 | \$0.31329 | \$304 | 9 | \$1.82324 | \$17 | (\$287) | \$1.50996 | 482.0% |

¹⁾ CSITMA - Tariff rate Include CSITMA, exempt customers (including CARE participants and Constitutionally Exempt) receive Credit for CSITMA.

TABLE 5 NonCore Gas Transportation Rates San Diego Gas & Electric

| | | At | Present Rate | S | At Prop | osed Rates | | | Changes | |
|----------|---|--------------|--------------|-----------------|----------|---------------|----------|-----------|-------------|--------|
| | | Jul-1-18 | Average | Jul-1-18 | Jan-1-20 | Average | Jan-1-20 | | | Rate |
| | | Volumes | Rate | Revenues | Volumes | Rate | Revenues | Revenues | Rates | change |
| | | mtherms | \$/therm | \$000's | mtherms | \$/therm | \$000's | \$000's | \$/therm | % |
| | | Α | В | С | D | E | F | G | Н | 1 |
| 1 | NonCore Commercial & Industrial Distribution Level | | | | | | | | | |
| 2 | Customer Charges \$/month | 42 | \$350.00 | \$177 | 44 | \$350.00 | \$185 | \$8 | \$0.00 | 0.0% |
| 3 | | | | | | | | | | |
| 4 | Volumetric Charges Exclude CARB, GHG, CSITMA | 27,807 | \$0.10741 | \$2,987 | 29,376 | \$0.08951 | \$2,629 | (\$357) | (\$0.01790) | -16.7% |
| 5 | CSITMA Adder to Volumetric Rate | 25,154 | \$0.00331 | \$83 | 27,293 | \$0.00318 | \$87 | \$4 | (\$0.00013) | -3.9% |
| 6 | GHG Adder to Volumetric Rate | | \$0.00000 | \$0 | | \$0.00000 | \$0 | \$0 | \$0.00000 | |
| 7 8 | Volumetric Charges Include CARB, GHG, and CSITMA | | | | | | | | | |
| 9 | Volumetric Charges Include CARB, GHG, and CSTIMA Volumetric Rates \$/therm | | \$0.11072 | | | \$0.09269 | | | (\$0.01803) | -16.3% |
| 10 | Volumetrie (katee granetrii | | ψ0.11012 | | | ψ0.00200 | | | (ψο.ο 1000) | 10.070 |
| 11 | Other Adjustments: | | | | | | | | | |
| 12 | SDFFD 0.727% | | | | | | | | | |
| 13 | Credit for CSITMA Exempt Customers \$/th | | (\$0.00331) | | | (\$0.00318) | | | \$0.00013 | -3.9% |
| 14 | Credit for CARB Fee Exempt Customers \$/th | | (\$0.00076) | | | (\$0.00083) | | | (\$0.00007) | 9.8% |
| 15 | Credit for GHG Fee Exempt Customers \$/th | | \$0.00000 | | | \$0.00000 | | | \$0.00000 | |
| 16 | NCCI-Distribution Total | 27,807 | \$0.11678 | \$3,247 | 29,376 | \$0.09876 | \$2,901 | (\$346) | (\$0.01802) | -15.4% |
| 17 | | | | | | | | | | |
| 18 | NCCI-Transmission Total (1) | 17,168 | \$0.02443 | \$419 | 17,569 | \$0.03239 | \$569 | \$150 | \$0.00796 | 32.6% |
| 19 | NCCI-Transmission Class Average | 17,168 | \$0.02443 | \$419 | 17,569 | \$0.03239 | \$569 | | | |
| 20 | Total NonCore C&I | 44,975 | \$0.08152 | \$3,667 | 46,945 | \$0.07392 | \$3,470 | (\$196) | (\$0.00760) | -9.3% |
| 21 | | | | | | | | | | |
| 22 | ELECTRIC GENERATION | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | Small EG Distribution Level Service (a Sempra-Wide rate) exclude C | | | *** | | | • • • | 244 | | |
| 25 | Customer Charge, \$/month | 46 | \$50.00 | \$28 | 69 | \$50.00 | \$41 | \$14 | \$0.00 | 0.0% |
| 26 27 | Volumetric Rate \$/therm | 19,210 | \$0.12635 | \$2,427 | 24,662 | \$0.12880 | \$3,176 | \$749 | \$0.00 | 1.9% |
| 28 | Large EG Distribution Level Service (a Sempra-Wide rate) exclude C | ADB GHG a | nd CSITMA | | | | | | | |
| 29 | Customer Charge, \$/month | AILD, OHO, a | \$0.00 | | | \$0.00 | | | \$0.00 | |
| 30 | Volumetric Rate (Incl ITCS) \$/th | 76,596 | \$0.05523 | \$4,230 | 44,206 | \$0.07293 | \$3,224 | (\$1,007) | \$0.02 | 32.0% |
| 31 | | , | ********** | V 1,=00 | , | ****** | **,==: | (41,001) | ***** | |
| 32 | EG Distribution exclude CARB & GHG Fee, CSITMA | 95,807 | \$0.06978 | \$6,685 | 68,867 | \$0.09353 | \$6,441 | (\$244) | \$0.02 | 34.0% |
| 33 | | | | | | | | | | |
| 34 | Volumetric Rates Includes CARB Fee, GHG Fee Excludes CSITMA: | | | | | | | | | |
| 35 | CARB Fee Cost Adder - Small | 17,675 | \$0.00076 | \$13 | 24,560 | \$0.00083 | \$20 | \$7 | \$0.00007 | |
| 36 | CARB Fee Cost Adder - Large | 76,596 | \$0.00076 | \$58 | 44,206 | \$0.00083 | \$37 | | | |
| 37 | GHG Fee Cost Adder - Small | 18,266 | \$0.00000 | \$0 | 23,450 | \$0.00000 | \$0 | \$0 | \$0.00000 | |
| 38 | GHG Fee Cost Adder - Large | 8,082 | \$0.00000 | \$0 | 4,665 | \$0.00000 | \$0 | | | |
| 37 | EG-Distribution Tier 1 Incl CARB & GHG Fee, Excl CSITMA | | \$0.12711 | | | \$0.12963 | | | \$0.00252 | 2.0% |
| 38 | EG-Distribution Tier 2 Incl CARB & GHG Fee, Excl CSITMA | | \$0.05599 | ^ | | \$0.07376 | 20.100 | (00=0) | \$0.01777 | 31.7% |
| 39 | Total - EG Distribution Level | 95,807 | \$0.07053 | \$6,757 | 68,867 | \$0.09437 | \$6,499 | (\$258) | \$0.02384 | 33.8% |
| 40 | Credit for CARB Fee Exempt Customers \$/th | | (\$0.00076) | | | (\$0.00083) | | | | |
| 41 42 | Credit for GHG Fee Exempt Customers \$/th | | \$0.00000 | | | \$0.00000 | | | | |
| 42 | EG Transmission Level Service Excl CARB & GHG fee & CSITMA | 479,795 | \$0.02035 | \$9,765 | 461,363 | \$0.02837 | \$13,090 | \$3,324 | \$0.00802 | 39.4% |
| | EG Transmission Level Service - CARB | 475,755 | ψ0.02033 | ψ3,703 | 39,584 | \$0.00083 | \$33 | ψ5,524 | ψ0.00002 | 33.470 |
| | EG Transmission Level Service - GHG | | | | 4,857 | \$0.00000 | \$0 | | | |
| | EG Transmission Level Service Incl CARB & GHG Fee & CSITMA | 94,280 | \$0.02007 | \$1,893 | 7,007 | ψο.σσσσ | ΨΟ | | | j |
| 47 | EG Transmission Level Service - Average (1) | 574,075 | \$0.02048 | \$11,756 | 461,363 | \$0.02844 | \$13,123 | \$1,367 | \$0.00797 | 38.9% |
| 48 | | | | . , | . , | * | , - | * , | | |
| 49 | TOTAL ELECTRIC GENERATION | 669,882 | \$0.02764 | \$18,513 | 530,230 | \$0.03701 | \$19,621 | \$1,109 | \$0.00937 | 33.9% |
| ŀ | 1) CSITMA - Tariff rate Include CSITMA exempt customers (including CAI | DE | | diamethy Franci | | I'' (COLTAIN | | | | |

CSITMA - Tariff rate Include CSITMA, exempt customers (including CARE participants and Constitutionally Exempt) receive Credit for CSITMA. Schedule EG Tariff Rate exclude CSITMA, since EG customers are exempt.

²⁾ CARB - GTNC and EG Tariff rates Include CARB. Those EG and GTNC customers that are exempt will receive CARB credit.

³⁾ GHG - GTNC and EG Tariff rates Include GHG. Those EG and GTNC customers that are exempt will receive GHG credit. See footnotes, Table 1.

<u>TABLE 6</u> Transmission Level Service Gas Transportation Rates <u>San Diego Gas & Electric</u>

| | • | At | Present Rates | | At Prop | osed Rates | | T | Changes | / |
|----|---|----------|------------------|------------|--------------|--------------|---------------|--|-------------|---------------|
| | ' | Jul-1-18 | Average | Jul-1-18 | Jan-1-20 | Average | Jan-1-20 | | C.iai.goo | Rate |
| | ' | Volumes | Rate | Revenues | Volumes | Rate | Revenues | Revenues | Rates | change |
| | ' | mtherms | \$/therm | \$000's | mtherms | \$/therm | \$000's | \$000's | \$/therm | % |
| | ! | A | В | φ0003 C | D | E | ф0003 F | φ000 3 G | Н | I |
| 1 | Transmission Level Service Rate Excluding CSITMA, CARB, and GHG | | | | | | | | | / |
| 2 | Reservation Service Option (RS): | <u> </u> | | ļ | 1 | | • | | | ľ |
| 3 | Daily Reservation rate \$/th/day | 1 | \$0.00674 | ļ | 1 | \$0.00968 | • | | \$0.00294 | 43.6% |
| 4 | Usage Charge for RS \$/th | 1 | \$0.00074 | ı | 1 | \$0.01414 | • | | \$0.00294 | 41.4% |
| 5 | Usage Charge for No spili | 1 | φυ.υ ι υυυ | ļ | 1 | φυ.υ ι + ι + | • | | φυ.υυ+1+ | 41.470 |
| 6 | Class Avarage Valumetric Pate (CA) | 1 | | ļ | 1 | | • | | | ľ |
| | Class Average Volumetric Rate (CA) | 1 | * 0 04045 | ı | 1 | 20 04 407 | • | | #0 00000 | 07.50/ |
| 7 | Volumetric Rate \$/th | 1 | \$0.01045 | ı | 1 | \$0.01437 | • | | \$0.00392 | 37.5% |
| 8 | Usage Charge for CA \$/th | <u> </u> | \$0.01000 | ' | | \$0.01414 | | | \$0.00414 | 41.4% |
| 9 | Class Average Volumetric Rate CA \$/th | 1 | \$0.02045 | ı | 1 | \$0.02851 | • | | \$0.00806 | 39.4% |
| 10 | 1 | 1 | | ı | 1 | | • | | | ľ |
| 11 | 115% CA (for NonBypass Volumetric NV) \$/th | 1 | \$0.02352 | ı | 1 | \$0.03279 | ' | | \$0.00927 | 39.4% |
| 12 | 135% CA (for Bypass Volumetric BV) \$/th | 1 | \$0.02761 | ı | 1 | \$0.03849 | • | | \$0.01088 | 39.4% |
| 13 | 1 | L | | ! | 1 | | | <u> </u> | | ! |
| 14 | Average Transmission Level Service | 591,243 | \$0.02035 | \$12,034 | 478,932 | \$0.02837 | \$13,588 | \$1,554 | \$0.00802 | 39.4% |
| 15 | 1 | | | | | | | | | |
| 16 | C&I Rate Include CSITMA, CARB, and GHG Fees | 1 | | ı | 1 | | • | | | ľ |
| 17 | CSITMA Adder to Usage Rate \$/th | 17,168 | \$0.00331 | \$57 | 17,569 | \$0.00318 | \$56 | (\$1) | (\$0.00013) | -3.9% |
| 18 | CARB Cost Adder | 111,448 | \$0.00076 | \$85 | 57,153 | \$0.00083 | \$48 | \ '`' | \$0.00007 | - I |
| 19 | GHG Cost Adder | 2,824 | \$0.00000 | \$0 | 5,718 | \$0.00000 | \$0 | | \$0.00000 | ľ |
| 20 | Reservation Service Option (RS): | 2,02 | ψ0.00000 | Ψ | 0,7.10 | ψο.οσσσσ | Ψ~ | | ψ0.00000 | ľ |
| 21 | Daily Reservation rate \$/th/day | 4 | \$0.00674 | | L | \$0.00968 | | | \$0.00294 | 43.6% |
| | * | 4 | | | 4 | | | | \$0.00294 | |
| 22 | Usage Charge for RS \$/th | | \$0.01407 | | | \$0.01816 | | A Total | \$0.00400 | 29.0% |
| 23 | | | | | | | | A Total | | |
| 24 | Class Average Volumetric Rate (CA) | | | | | | | | | A |
| 25 | Volumetric Rate \$/th | | \$0.01045 | | | \$0.01437 | | A Total | \$0.00392 | 37.5% |
| 26 | Usage Charge for CA \$/th | | \$0.01407 | | | \$0.01816 | | | \$0.00408 | 29.0% |
| 27 | Class Average Volumetric Rate CA \$/th | | \$0.02452 | | | \$0.03253 | | | \$0.00801 | 32.6% |
| 28 | | | | | | | | A Total | | |
| 29 | 115% CA (for NonBypass Volumetric NV) \$/th | | \$0.02759 | | | \$0.03681 | | A Total | \$0.00922 | 33.4% |
| 30 | 135% CA (for Bypass Volumetric BV) \$/th | | \$0.03168 | | | \$0.04251 | | | \$0.01083 | 34.2% |
| 31 | 1 | | | ļ | | | | | | ı |
| | Other Adjustments: | 1 | | ı | 1 | | i | | | J |
| 33 | Credit for CSITMA Exempt Customers \$/th | | (\$0.00331) | | A | (\$0.00318) | | | \$0.00013 | -3.9% |
| 34 | CARB Fee Credit for Exempt Customers \$/th | | (\$0.00331) | | | (\$0.00083) | | | (\$0.00013 | 9.8% |
| 35 | GHG Fee Credit for Exempt Customers \$/th | | \$0.00000 | | | \$0.00000 | | | \$0.00007) | 3.5,5 |
| 36 | GIIG 1 CC O'CUILLOT EXOTIPE CUSTOMOS Q | - | ψ0.0022 | | | φοισσειι | | | ψοιουσε | |
| | CO Data Include CARR & CHG Food excludes CSITMA: | 1 | | ı | 1 | | i | | | į |
| | EG Rate Include CARB & GHG Fees, excludes CSITMA: | 1 | * 0.00076 | ı | 1 | <u> </u> | i | | ** *** | į |
| 38 | CARB Fee Cost Adder | 1 | \$0.00076 | ı | 1 | \$0.00083 | i | | \$0.00007 | į |
| 39 | GHG Fee Cost Adder | | \$0.00000 | ' | | \$0.00000 | | | \$0.00000 | |
| 40 | Reservation Service Option (RS): | 4 | A | | | | | A Total | | |
| 41 | Daily Reservation rate \$/th/day | 4 | \$0.00674 | | | \$0.00968 | | A Total | \$0.00294 | 43.6% |
| 42 | Usage Charge for RS \$/th | 4 | \$0.01076 | | | \$0.01497 | | A Total | \$0.00421 | 39.2% |
| 43 | | 4 | | | | | | A Total | | |
| 44 | Class Average Volumetric Rate (CA) | 4 | | | | | | A Total | | |
| 45 | Volumetric Rate \$/th | 4 | \$0.01045 | | | \$0.01437 | | A Total | \$0.00392 | 37.5% |
| 46 | Usage Charge for CA \$/th | 4 | \$0.01076 | | | \$0.01497 | | A Total | \$0.00421 | 39.2% |
| 47 | Class Average Volumetric Rate CA \$/th | | \$0.02121 | | | \$0.02935 | | | \$0.00814 | 38.4% |
| 48 |) | 4 | | | | | | A Total | | المناك |
| 49 | 115% CA (for NonBypass Volumetric NV) \$/th | 4 | \$0.02428 | | | \$0.03362 | | A Total | \$0.00935 | 38.5% |
| 50 | 135% CA (for Bypass Volumetric BV) \$/th | 4 | \$0.02428 | | | \$0.03933 | | A Total | \$0.00935 | 38.6% |
| | 135% CA (IOI Dypass volumente bv) with | | \$0.02031 | | | \$0.03533 | | | \$0.01030 | 30.070 |
| 51 | 1 | 1 | | , | 1 | | <u>,</u> | | | |
| | Other Adjustments: | | | ' | | (2.5 00000) | | | | - 00/ |
| 53 | CARB Fee Credit for Exempt Customers \$/th | 4 | (\$0.00076) | | 4 | (\$0.00083) | | | (\$0.00007) | 9.8% |
| 54 | GHG Fee Credit for Exempt Customers \$/th | 4 | \$0.00000 | | 4 | \$0.00000 | | | \$0.00000 | |
| 55 | 1 | | | ' | | | | | | |
| 56 | Average Transmission Level Service | 591,243 | \$0.02059 | \$12,175 | 478,932 | \$0.02859 | \$13,692 | \$1,516 | \$0.00800 | 38.8% |
| | | | | | | | · | | | |

See footnotes, Table 1.

Verify TLS Revenue:

| | , | | | | | | | | | |
|---|------------|---------|-----------|----------|---------|-----------|----------|-------|-----------|-----|
| _ | NCCI-T | 17,168 | \$0.02443 | \$419 | 17,569 | \$0.03239 | \$569 | 150 | \$0.00796 | \$0 |
| | EG-T | 574,075 | \$0.02048 | \$11,756 | 461,363 | \$0.02844 | \$13,123 | 1,367 | \$0.00797 | \$0 |
| | | 591,243 | \$0.02059 | \$12,175 | 478,932 | \$0.02859 | \$13,692 | 1,516 | \$0.00800 | \$0 |
| _ | difference | 0 | \$0.00000 | \$0 | 0 | \$0.00000 | \$0 | 0 | \$0.00000 | |

Revenue Check of Base Margin, Revenue Requirement and Rates 2020 TCAP Application

| Base Margin in Transprtation rates | \$000's | | | |
|---|---------------------------------|-------------------------|-----------|-----|
| Authorized Base Margin | \$304,021 | | | |
| | | | | |
| | | | | |
| 2017 attrition w/ffu | \$10,635 | | | |
| 2018 attrition w/ffu | \$11,007 | | | |
| 2010 difficit wild | ψ11,007 | | | |
| | | | | |
| Rounding Adjustment | \$0 | | | |
| AMI Adjustment | \$0 | | | |
| Cost of Capital Adjustment | (\$2,070) | <u> </u> | | |
| Full Authorized Margin | \$323,593 | | | |
| Less AB32 fees different allocation: | | | | |
| AB32 Fees (\$560) 102.29 | | Cost Alloc | • | |
| Base Margin in Transportation Rates w/oSI; w/FFU \$000 | \$323,020 | Cost Alloc = | \$323,020 | \$0 |
| | | | | |
| | | | | |
| Reconcile Base Margin with Revenue Requirement | A | | | |
| Base Margin in 2007 Rates under 2009BCAP rules w/FFU | \$323,020 | | | |
| System Integration: | (0.40.=0.4) | 0 | | |
| Less Backbone Transmission Costs | (\$40,564) | Cost Alloc | | |
| Less Local Transmission Costs | \$0 | Cost Alloc | | |
| Plus Backbone Transmission Costs w/SI | \$0 | 0 | | |
| Plus Local Transmission Costs w/SI | \$8,230 | Cost Alloc | | |
| Plus Unbundled BBT amount w/FFU | \$25,722 | <u> </u> | | |
| System Integration | (\$6,612) | | | |
| less Unbundled BBT amount w/FFU | (\$25,722) | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$290,686 | _ | | |
| Other Operating Costs and Povenues | \$27,612 | Cost Alloc | | |
| Other Operating Costs and Revenues | | Cost Alloc | | |
| Regulatory Accounts adjustment \$000 | \$61,061 | COST AHOR | | |
| adjustment \$000 | | | | |
| Transport Day Dag w/SI FEII w/o RTS Day SW adi TI S \$000/vr | \$270.250 | cost allocation total = | \$370,250 | ¢۸ |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | \$379,359 | cost allocation total = | \$379,359 | \$0 |
| | | cost allocation total = | \$379,359 | \$0 |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr plus change due to TLS (NCCI/EG/SW/DGN) plus SW Adjustments | \$379,359 (\$719) \$1,288 | cost allocation total = | \$379,359 | \$0 |

| | A (w/o FAR, | D CW AJ: | C=A+B (w/o | | E=C+D (w/o | F FAD | Tatal C. E. E |
|---|----------------------------|--------------------------|---------------------------|----------|--------------------------|-------|---------------------------------|
| Core | RG,SW) \$356,543 | B=SW Adj \$294 | FAR, RG) \$356,836 | D=RegGap | BTS) \$356,836 | F=FAR | Total G=E+F \$356,836 |
| NCCI-D | \$2,901 | | \$2,901 | | \$2,901 | | \$2,901 |
| NCCI-T | \$489 | | \$489 | \$66 | \$554 | | \$554 |
| | \$3,390 | \$0 | \$3,390 | \$66 | \$3,455 | | \$3,455 |
| EG-D | \$5,505 | \$994 | \$6,499 | | \$6,499 | | \$6,499 |
| EG-T | \$13,922 | | \$13,922 | (\$784) | \$13,137 | | \$13,137 |
| | \$19,426 | \$994 | \$20,420 | (\$784) | \$19,636 | | \$19,636 |
| Transport Rev Req \$000/yr | \$379,359 | \$1,288 | \$380,646 | (\$719) | \$379,928 | \$0 | \$379,928 |
| Table 1 Total Revenue (Incl SI, FAR, TLS, SW Adj) | \$379,359 | | | | \$379,928 | | \$379,928 |
| | \$0 | | | • | \$0 | | \$0 |

A = Transport Rev Req w/ FFU, SI; w/o FAR revenue, Reg GAP, SW

B = Sempra Wide Adjustments

C = Transport Rev Req w/ FFU, SI, SW; w/o FAR revenue, Reg GAP

D = Regulatory Gap (revenue from SDGE's NCCI-T and EG-T customers)

E = Transport Rev Req w/ FFU, SI, SW, Reg Gap; w/o FAR revenue

F = Estimated FAR Charge paid by ALL SDGE's customers

G = Total System Transportatioon Revenue per Table 1 includes SI, Reg Gap, SW, FAR revenue

| Summary of | Rate tal | bles 2 thru 5 | |
|------------|----------|---------------|--|
| | | | |

| Table 2 - Core Res & Core C&I: | | | | |
|--|-----------|-------------------|-----------|--------|
| Residential Service \$000 | \$290,025 | | | |
| Core C&I Service \$000 | \$63,002 | | | |
| Table 3 - other Core service: | | | | |
| NGV \$000 | \$3,809 | | | |
| CORE | \$356,836 | | | |
| Table 4 - NonCore Distribution Level: | | | | |
| C&I \$000 | \$2,901 | | | |
| Sw-EG \$000 | \$6,499 | | | |
| NonCore Distribution | \$9,400 | | | |
| Table 5 - Local Transmission Level | \$13,692 | | | |
| System Total Rev Req w/SW adjustments \$000 | \$379,928 | Rev Req w/o FAR = | \$379,928 | \$0.00 |
| Est FAR Revenues to SDGE - \$000 | \$0 | | | |
| System Total Rev Req w/ SW adjustments \$000 | \$379,928 | Rev Reg w/FAR = | \$379,928 | \$0.00 |

| MARGINAL COST COMPONENTS \$000's | | | | Res | NGV | Core C&I | Total Core |
|---|---------------|--------------------|------------------------------------|-------------------------|---------|-------------------------|-------------------|
| Embedded Costs: | | | | | | | |
| Customer Related Costs | | | | \$163,561 | \$24 | \$10,782 | \$174,366 |
| Medium Pressure Distribution Costs | | | | \$61,989 | \$842 | \$23,115 | \$85,945 |
| High Pressure Distribution Costs | | | | \$12,304 | \$264 | \$4,662 | \$17,230 |
| Backbone Transmission Costs | | | | \$12,135 | \$853 | \$7,182 | \$20,169 |
| Local Transmission Costs | | | | \$0 | \$0 | \$0 | \$0 |
| Storage - Borrego | | | | \$0 | \$0 | \$0 | \$0 |
| Core Seasonal Storage | | | | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | | | | \$0 | \$0 | \$0 | \$0 |
| NGV | | | | \$0 | \$647 | \$0 | \$647 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | • | \$249,988 | \$2,630 | \$45,739 | \$298,357 |
| Less Backbone Transmission Costs | | | | (\$12,135) | (\$853) | (\$7,182) | (\$20,169) |
| Less Local Transmission Costs | | | | \$0 | \$0 | \$0 | \$0 |
| Plus Local Transmission Costs w/SI,FFU | | | | \$3,418 | \$133 | \$1,589 | \$5,141 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | \$241,272 | \$1,911 | \$40,147 | \$283,329 |
| | | | | 77% | | | |
| | Non- ECPT? | Add FFU Y or N? | Amount to Allocate (w/o F&U) | | | | |
| SCG Transport excl Core Storge & Load Balance \$000 | | Y | \$4,586 | \$1,325 | \$102 | \$824 | \$2,250 |
| SCG Core Seasonal Storage | | Y | \$11,522 | \$8,916 | \$100 | \$2,771 | \$11,786 |
| SCG Load Balancing Allocated to ALL SDGE \$000 | | Y | \$8,447 | \$2,440 | \$188 | \$1,517 | \$4,145 |
| n/a | | | 4-5 , 1 11 | - -, · · · · | ***** | 4 1, 5 11 | 4 1,1 1 2 |
| LUAF | | Υ | \$1,748 | \$808 | \$62 | \$502 | \$1,372 |
| Company Use Gas: Other | | Y | \$129 | \$37 | \$3 | \$23 | \$63 |
| AMI rev req incl FF&U AL 1693-G | Υ | Y | \$0 | \$0 | \$0 | \$0 | \$0 |
| AB32 Fees (subtracted from base margin and allocated here) | | Y | \$560 | \$261 | \$20 | \$162 | \$443 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Re | equireme | Y | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | | Y | \$0 | \$0 | \$0 | \$0 | \$0 |
| Oreen ribuse das balancing Account (OriobA) - End Oser Nevende Neddirenient | | | | | | | |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | | Ϋ́ | \$0 | \$0 | \$0 | \$0 | \$0 |

SDG&E Cost Allocation

2020 TCAP Application

MARGINAL COST COMPONENTS \$000's

| Embedded Costs: | | | | | | | | |
|--|--|--|--|--|---|---|--|--|
| Customer Related Costs | \$104 | \$121 | \$30 | \$151 | \$255 | \$174,622 | | |
| Medium Pressure Distribution Costs | \$1,250 | \$1,200 | \$454 | \$1,654 | \$2,904 | \$88,849 | | |
| High Pressure Distribution Costs | \$333 | \$277 | \$498 | \$775 | \$1,108 | \$18,338 | | |
| Backbone Transmission Costs | \$1,659 | \$1,051 | \$17,686 | \$18,736 | \$20,395 | \$40,564 | | |
| Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Storage - Borrego | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Storage - Load Balancing | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| NGV | \$0 | \$0 | \$0 | \$0 | \$0 | \$647 | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$3,346 | \$2,649 | \$18,668 | \$21,317 | \$24,663 | \$323,020 | <u> </u> | |
| Less Backbone Transmission Costs | (\$1,659) | (\$1,051) | (\$17,686) | (\$18,736) | (\$20,395) | (\$40,564) | | |
| Less Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Plus Local Transmission Costs w/SI,FFU | \$269 | \$153 | \$2,668 | \$2,821 | \$3,090 | \$8,230 | | |
| | | | | | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$1,956 | \$1,751 | \$3,651 | \$5,401 | \$7,357 | \$290,686 | _ = | |
| | \$1,956 | \$1,751 | \$3,651 | \$5,401 | \$7,357 | \$290,686 | F&U Amount | Total Allocated |
| Other Operating Costs and Revenues | | | | | | | \$000 | \$000 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 | \$199 | \$126 | \$2,116 | \$2,242 | \$2,441 | \$4,691 | \$000 \$105 | \$000 \$4,586 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage | \$199 \$0 | \$126 \$0 | \$2,116 \$0 | \$2,242 \$0 | \$2,441 \$0 | \$4,691 \$11,786 | \$000 \$105 \$264 | \$000 \$4,586 \$11,522 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 | \$199 | \$126 | \$2,116 | \$2,242 | \$2,441 | \$4,691 | \$000 \$105 | \$000 \$4,586 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a | \$199 \$0 \$366 | \$126 \$0 \$232 | \$2,116 \$0 \$3,899 | \$2,242 \$0 \$4,130 | \$2,441 \$0 \$4,496 | \$4,691 \$11,786 \$8,641 | \$000 \$105 \$264 \$194 | \$000 \$4,586 \$11,522 \$8,447 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF | \$199 \$0 \$366 | \$126 \$0 \$232 \$21 | \$2,116 \$0 \$3,899 \$361 | \$2,242 \$0 \$4,130 \$383 | \$2,441 \$0 \$4,496 \$417 | \$4,691 \$11,786 \$8,641 \$1,788 | \$000 \$105 \$264 \$194 | \$000 \$4,586 \$11,522 \$8,447 \$1,748 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other | \$199 \$0 \$366 \$34 \$6 | \$126 \$0 \$232 \$21 \$4 | \$2,116 \$0 \$3,899 \$361 \$60 | \$2,242 \$0 \$4,130 \$383 \$63 | \$2,441 \$0 \$4,496 \$417 \$69 | \$4,691 \$11,786 \$8,641 \$1,788 \$132 | \$000 \$105 \$264 \$194 \$40 \$3 | \$000 \$4,586 \$11,522 \$8,447 \$1,748 \$129 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G | \$199 \$0 \$366 \$34 \$6 \$0 | \$126 \$0 \$232 \$21 \$4 \$0 | \$2,116 \$0 \$3,899 \$361 \$60 \$0 | \$2,242 \$0 \$4,130 \$383 \$63 \$0 | \$2,441 \$0 \$4,496 \$417 \$69 \$0 | \$4,691 \$11,786 \$8,641 \$1,788 \$132 \$0 | \$000 \$105 \$264 \$194 \$40 \$3 \$0 | \$000 \$4,586 \$11,522 \$8,447 \$1,748 \$129 \$0 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G AB32 Fees (subtracted from base margin and allocated here) | \$199 \$0 \$366 \$34 \$6 \$0 \$39 | \$126 \$0 \$232 \$21 \$4 \$0 \$24 | \$2,116 \$0 \$3,899 \$361 \$60 \$0 \$66 | \$2,242 \$0 \$4,130 \$383 \$63 \$0 \$90 | \$2,441 \$0 \$4,496 \$417 \$69 \$0 \$129 | \$4,691 \$11,786 \$8,641 \$1,788 \$132 \$0 \$573 | \$000 \$105 \$264 \$194 \$40 \$3 \$0 \$13 | \$000 \$4,586 \$11,522 \$8,447 \$1,748 \$129 \$0 \$560 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G AB32 Fees (subtracted from base margin and allocated here) Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue | \$199 \$0 \$366 \$34 \$6 \$0 \$39 \$0 | \$126 \$0 \$232 \$21 \$4 \$0 \$24 \$0 | \$2,116 \$0 \$3,899 \$361 \$60 \$0 \$66 \$0 | \$2,242 \$0 \$4,130 \$383 \$63 \$0 \$90 \$0 | \$2,441 \$0 \$4,496 \$417 \$69 \$0 \$129 \$0 | \$4,691 \$11,786 \$8,641 \$1,788 \$132 \$0 \$573 \$0 | \$000 \$105 \$264 \$194 \$40 \$3 \$0 \$13 | \$000 \$4,586 \$11,522 \$8,447 \$1,748 \$129 \$0 \$560 \$0 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G AB32 Fees (subtracted from base margin and allocated here) | \$199 \$0 \$366 \$34 \$6 \$0 \$39 | \$126 \$0 \$232 \$21 \$4 \$0 \$24 | \$2,116 \$0 \$3,899 \$361 \$60 \$0 \$66 | \$2,242 \$0 \$4,130 \$383 \$63 \$0 \$90 | \$2,441 \$0 \$4,496 \$417 \$69 \$0 \$129 | \$4,691 \$11,786 \$8,641 \$1,788 \$132 \$0 \$573 | \$000 \$105 \$264 \$194 \$40 \$3 \$0 \$13 | \$000 \$4,586 \$11,522 \$8,447 \$1,748 \$129 \$0 \$560 |

EG Tier 1

EG Tier 2

Total EG

Total NonCore

System Total

NCCI

SDG&E Cost Allocation Allocation Allocation %

2020 TCAP Application

| MARGINAL COST COMPONENTS \$000's | Source | Allocation | Total System | Res | NGV | Core C&I | Total Core | NCCI | EG <3 mmth/yr |
|--|---------------|------------|-----------------|------|------|-------------|---------------|-------|--|
| Embedded Costs: | Cource | Allocation | Cystein | 1103 | 1101 | | 0010 | 11001 | ······································ |
| Customer Related Costs | EC Model | 0 | | | | | | | |
| Medium Pressure Distribution Costs | EC Model | 0 | | | | | | | |
| High Pressure Distribution Costs | EC Model | 0 | | | | | | | |
| Backbone Transmission Costs | EC Model | 0 | | | | | | | |
| Local Transmission Costs | EC Model | 0 | | | | | | | |
| Storage - Borrego | EC Model | 0 | | | | | | | |
| Core Seasonal Storage | EC Model | 0 | | | | | | | |
| Storage - Load Balancing | EC Model | 0 | | | | | | | |
| NGV | EC Model | 0 | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | | | | | |
| Less Backbone Transmission Costs | | | | | | | | | |
| Less Local Transmission Costs | | | | | | | | | |
| Plus Local Transmission Costs w/SI,FFU | SCG/ SI & FAR | | | | | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | <u> </u> | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Other Operating Costs and Revenues

| SCG Transport excl Core Storge & Load Balance \$000 | SCG RD Model/RUN | ECPT | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
|---|------------------------|------------------------------------|--------|-------|------|-------|--------|------|------|
| SCG Core Seasonal Storage | SCG RD Model/RUN | % CYPD MP Res & CCI | 100.0% | 75.6% | 0.8% | 23.5% | 100.0% | 0.0% | 0.0% |
| SCG Load Balancing Allocated to ALL SDGE \$000 | SCG RD Model/RUN | ECPT | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
| n/a | | | | | | | | | |
| LUAF | Misc Inputs | Method #3 -76.7% core @ ECPT / 23. | 100.0% | 45.2% | 3.5% | 28.1% | 76.7% | 1.9% | 1.2% |
| Company Use Gas: Other | Misc Inputs | ECPT | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
| AMI rev req incl FF&U AL 1693-G | Misc Inputs, AL 1693-G | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| AB32 Fees (subtracted from base margin and allocated here) | | ECPT AB32 Fee Non-Exempt | 100.0% | 45.6% | 3.5% | 28.3% | 77.4% | 6.8% | 4.3% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenu | ie Misc Inputs | ECPT | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | Misc Inputs | ECPT GHG Fee Non-Exempt | 100.0% | 52.8% | 4.1% | 32.8% | 89.6% | 4.8% | 4.8% |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | Misc Inputs | Method #3 -76.7% core @ ECPT / 23. | 100.0% | 45.2% | 3.5% | 28.1% | 76.7% | 1.9% | 1.2% |

Subtotal Other Operating Costs and Revenues

SDG&E Cost Allocation NCCI Allocation

| MARGINAL COST COMPONENTS \$000's | EG>=3 mmth/yr | Total EG | Total NonCore | NCCI Total | NCCI-D | NCCI-T | NCCI Total | Allocation Method | Total % |
|--|------------------|----------|------------------|------------|-----------|---------|------------|-------------------|---------|
| Embedded Costs: | | | - | | | | | | |
| Customer Related Costs | | | | \$104 | \$87 | \$18 | \$104 | | |
| Medium Pressure Distribution Costs | | | | \$1,250 | \$1,250 | \$0 | \$1,250 | | |
| High Pressure Distribution Costs | | | | \$333 | \$333 | \$0 | \$333 | | |
| Backbone Transmission Costs | | | | \$1,659 | \$1,038 | \$621 | \$1,659 | | |
| Local Transmission Costs | | | | \$0 | \$0 | \$0 | \$0 | | |
| Storage - Borrego | | | | \$0 | \$0 | \$0 | \$0 | | |
| Core Seasonal Storage | | | | \$0 | \$0 | \$0 | \$0 | | |
| Storage - Load Balancing | | | | \$0 | \$0 | \$0 | \$0 | | |
| NGV | | | | \$0 | \$0 | \$0 | \$0 | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | \$3,346 | \$2,707 | \$639 | \$3,346 | _ | |
| Less Backbone Transmission Costs | | | | (\$1,659) | (\$1,038) | (\$621) | (\$1,659) | | |
| Less Local Transmission Costs | | | | \$0 | \$0 | \$0 | \$0 | | |
| Plus Local Transmission Costs w/SI,FFU | | | | \$269 | \$168 | \$101 | \$269 | %CYPM | 100.0% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | \$1,956 | \$1,838 | \$118 | \$1,956 | : | |
| Other Operating Costs and Revenues | | | | | | | | | |
| SCG Transport excl Core Storge & Load Balance \$000 | 45.1% | 0.0% | 52.0% | \$199 | \$124 | \$74 | \$199 | %AYTP | 100.0% |
| SCG Core Seasonal Storage | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| SCG Load Balancing Allocated to ALL SDGE \$000 | 45.1% | 0.0% | 52.0% | \$366 | \$229 | \$137 | \$366 | %CYPM | 100.0% |
| n/a | | | | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| LUAF | 20.2% | 21.4% | 23.3% | \$34 | \$21 | \$13 | \$34 | %AYTP | 100.0% |
| Company Use Gas: Other | 45.1% | 0.0% | 52.0% | \$6 | \$3 | \$2 | \$6 | %AYTP | 100.0% |
| AMI rev req incl FF&U AL 1693-G | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| AB32 Fees (subtracted from base margin and allocated here) | 11.5% | 15.8% | 22.6% | \$39 | \$24 | \$15 | \$39 | %AYTP | 100.0% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue | 45.1% | 0.0% | 52.0% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | 0.8% | 5.6% | 10.4% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | 20.2% | 21.4% | 23.3% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| Subtotal Other Operating Costs and Revenues | | | | \$643 | \$402 | \$241 | \$643 | | |

SDG&E Cost Allocation EG Allocation

| MARGINAL COST COMPONENTS \$000's | NCCI-D | NCCI-T | EG Tier 1 | EG Tier 2 | EG Total | EG-D Tier 1 | EG-D Tier 2 | EG-T | EG Total |
|--|---------|--------|---------------------|-------------|------------|---------------|---------------------|-------------|-------------|
| Embedded Costs: | | | | | | | | | |
| Customer Related Costs | | | \$121 | \$30 | \$151 | \$116 | \$10 | \$25 | \$151 |
| Medium Pressure Distribution Costs | | | \$1,200 | \$454 | \$1,654 | \$1,200 | \$454 | \$0 | \$1,654 |
| High Pressure Distribution Costs | | | \$277 | \$498 | \$775 | \$277 | \$498 | \$0 | \$775 |
| Backbone Transmission Costs | | | \$1,051 | \$17,686 | \$18,736 | \$871 | \$1,562 | \$16,303 | \$18,736 |
| Local Transmission Costs | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Borrego | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Seasonal Storage | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NGV | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | \$2,649 | \$18,668 | \$21,317 | \$2,464 | \$2,525 | \$16,328 | \$21,317 |
| Less Backbone Transmission Costs | | | (\$1,051) | (\$17,686) | (\$18,736) | (\$871) | (\$1,562) | (\$16,303) | (\$18,736) |
| Less Local Transmission Costs | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Plus Local Transmission Costs w/SI,FFU | 62.6% | 37.4% | \$153 | \$2,668 | \$2,821 | \$140 | \$252 | \$2,429 | \$2,821 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | \$1,751 | \$3,651 | \$5,401 | \$1,733 | \$1,214 | \$2,454 | \$5,401 |
| Other Operating Costs and Revenues | | | | | | | | | |
| SCG Transport excl Core Storge & Load Balance \$000 | 62.6% | 37.4% | \$126 | \$2,116 | \$2,242 | \$104 | \$187 | \$1,951 | \$2,242 |
| SCG Core Seasonal Storage | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SCG Load Balancing Allocated to ALL SDGE \$000 | 62.6% | 37.4% | \$232 | \$3,899 | \$4,130 | \$205 | \$369 | \$3,557 | \$4,130 |
| n/a | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| LUAF | 62.6% | 37.4% | \$21 | \$361 | \$383 | \$18 | \$32 | \$333 | \$383 |
| Company Use Gas: Other | 62.6% | 37.4% | \$4 | \$60 | \$63 | \$3 | \$5 | \$55 | \$63 |
| AMI rev reg incl FF&U AL 1693-G | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AB32 Fees (subtracted from base margin and allocated here) | 62.6% | 37.4% | \$24 | \$66 | \$90 | \$20 | \$37 | \$33 | \$90 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue | 62.6% | 37.4% | \$2 4 \$0 | \$00 \$0 | \$0 \$0 | \$20 \$0 | \$3 <i>7</i> \$0 | \$33 \$0 | \$90 \$0 |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | 97.0% | 3.0% | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | 62.6% | 37.4% | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| Subtotal Other Operating Costs and Revenues | JZ.U /0 | 51.70 | \$407 | \$6,502 | \$6,909 | \$35 0 | \$629 | \$5,929 | \$6,909 |

| MARCINAL COST COMPONENTS \$000/o | Allocation Method | Total % | EG-D Tier | EG-D Tier | EG-T |
|---|--------------------------|----------|-----------|-----------|-------|
| MARGINAL COST COMPONENTS \$000's Embedded Costs: | Allocation Method | TOTAL 76 | <u>'</u> | | EG-1 |
| Customer Related Costs | | | | | |
| Medium Pressure Distribution Costs | | | | | |
| High Pressure Distribution Costs | | | | | |
| Backbone Transmission Costs | | | | | |
| Local Transmission Costs | | | | | |
| Storage - Borrego | | | | | |
| Core Seasonal Storage | | | | | |
| Storage - Load Balancing | | | | | |
| NGV | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | |
| Less Backbone Transmission Costs | | | | | |
| Less Local Transmission Costs | | | | | |
| Plus Local Transmission Costs w/SI,FFU | %CYPM | 100.0% | 5.0% | 8.9% | 86.1% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | = | | | | |
| Other Operating Costs and Revenues | | | | | |
| SCG Transport excl Core Storge & Load Balance \$000 | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| SCG Core Seasonal Storage | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| SCG Load Balancing Allocated to ALL SDGE \$000 | %CYPM | 100.0% | 5.0% | 8.9% | 86.1% |
| n/a | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| LUAF | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| Company Use Gas: Other | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| AMI rev req incl FF&U AL 1693-G | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| AB32 Fees (subtracted from base margin and allocated here) | ECPT excluding exempt EG | 100.0% | 22.7% | 40.8% | 36.5% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenu | ie %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | ECPT excluding exempt EG | 100.0% | 71.1% | 14.1% | 14.7% |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |

| MARGINAL COST COMPONENTS \$000's | | | | Res | NGV | Core C&I | Total Core |
|---|---------------|---------------|---------------------|----------|-------|----------|------------|
| Regulatory Accounts | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | Y | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | Y | Υ | \$568 | \$482 | \$4 | \$80 | \$566 |
| Baseline Balance BA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Margin Only (non-NGV) | | Υ | \$25,990 | \$16,393 | \$0 | \$10,194 | \$26,587 |
| CFCA -NGV only | | Υ | \$666 | \$0 | \$681 | \$0 | \$681 |
| CFCA -Nonmargin Other | | Υ | \$566 | \$341 | \$26 | \$212 | \$579 |
| CFCA -Nonmargin SCG | | Υ | \$29 | \$17 | \$1 | \$11 | \$29 |
| Environmental Fee Balance Account EFBA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | Y | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | | Υ | \$830 | \$352 | \$14 | \$164 | \$530 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds MA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Gas Storage Balancing Acct. GSBA-C | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cleanup Cost Acct HSCCA | | Υ | \$509 | \$147 | \$11 | \$91 | \$250 |
| Master Meter Balancing Account (MMBA) | Υ | Υ | \$987 | \$838 | \$7 | \$139 | \$984 |
| Natural Gas Supp Refund Track Acct | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Margin Only | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Nonmargin Other | | Υ | \$268 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Nonmargin SCG | | Υ | \$2,604 | \$0 | \$0 | \$0 | \$0 |
| NGVA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Non-Core Gas Storage Balancing Acct GSBA-NC | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| РВОРВА | Υ | Υ | (\$519) | (\$441) | (\$3) | (\$73) | (\$517) |
| Pension BA | Υ | Υ | \$4,070 | \$3,456 | \$27 | \$575 | \$4,058 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | | Υ | \$219 | \$93 | \$4 | \$43 | \$140 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | | Υ | \$1,616 | \$686 | \$27 | \$319 | \$1,032 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | | Υ | \$14,531 | \$9,973 | \$214 | \$3,778 | \$13,966 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | | Υ | \$504 | \$214 | \$8 | \$100 | \$322 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | | Υ | \$1,672 | \$1,148 | \$25 | \$435 | \$1,607 |
| RD&D 1-Way Bal Acct (Pre-2001) | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Bal Acct RPBA | Y | Υ | \$396 | \$337 | \$3 | \$56 | \$395 |
| Self Gen Memo Acct - SGPMA-CSI | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Self Gen Memo Acct - SGPMA-NonCSI | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| SGPMA - Rev Reg for NEXT Year | Υ | Υ | \$2,265 | \$10 | \$0 | \$276 | \$286 |
| Gain/Loss on Sale Memo Acct GLOSMA | Ϋ́ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Integrated Transmission Margin ITBA | | Υ | \$319 | \$98 | \$7 | \$58 | \$162 |
| Integrated Transmission Nonmargin ITBA | | Ϋ́ | \$0 | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | Y dhun/ SF | N NGE Work | \$0 papers - Pag | \$0 | \$0 | \$0 | \$0 |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | | |
|--|-------------------|---------------------|--------------|----------------|---------------|--------------|------------------|----------|
| Regulatory Accounts | | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | \$4 | \$3 | \$7 | \$11 | \$15 | \$581 | \$13 | \$568 |
| Baseline Balance BA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Margin Only (non-NGV) | \$0 | \$0 | \$0 | \$0 | \$0 | \$26,587 | \$596 | \$25,990 |
| CFCA -NGV only | \$0 | \$0 | \$0 | \$0 | \$0 | \$681 | \$15 | \$666 |
| CFCA -Nonmargin Other | \$0 | \$0 | \$0 | \$0 | \$0 | \$579 | \$13 | \$566 |
| CFCA -Nonmargin SCG | \$0 | \$0 | \$0 | \$0 | \$0 | \$29 | \$1 | \$29 |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | \$28 | \$16 | \$275 | \$291 | \$319 | \$849 | \$19 | \$830 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds MA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Gas Storage Balancing Acct. GSBA-C | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cleanup Cost Acct HSCCA | \$22 | \$14 | \$235 | \$249 | \$271 | \$520 | \$12 | \$509 |
| Master Meter Balancing Account (MMBA) | \$7 | \$6 | \$13 | \$19 | \$26 | \$1,010 | \$23 | \$987 |
| Natural Gas Supp Refund Track Acct | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Margin Only | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Nonmargin Other | \$22 | \$14 | \$238 | \$252 | \$275 | \$275 | \$6 | \$268 |
| NFCA -Nonmargin SCG | \$217 | \$137 | \$2,310 | \$2,447 | \$2,664 | \$2,664 | \$60 | \$2,604 |
| NGVA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Non-Core Gas Storage Balancing Acct GSBA-NC | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| PBOPBA | (\$4) | (\$3) | (\$7) | (\$10) | (\$13) | (\$531) | (\$12) | (\$519) |
| Pension BA | \$28 | \$25 | \$52 | \$77 | \$105 | \$4,163 | \$93 | \$4,070 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | \$7 | \$4 | \$73 | \$77 | \$84 | \$224 | \$5 | \$219 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$54 | \$31 | \$536 | \$566 | \$620 | \$1,653 | \$37 | \$1,616 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$270 | \$224 | \$404 | \$628 | \$898 | \$14,864 | \$333 | \$14,531 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$17 | \$10 | \$167 | \$177 | \$194 | \$516 | \$12 | \$504 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$31 | \$26 | \$46 | \$72 | \$103 | \$1,711 | \$38 | \$1,672 |
| RD&D 1-Way Bal Acct (Pre-2001) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Bal Acct RPBA | \$3 | \$2 | \$5 | \$8 | \$10 | \$406 | \$9 | \$396 |
| Self Gen Memo Acct - SGPMA-CSI | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Self Gen Memo Acct - SGPMA-NonCSI | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SGPMA - Rev Req for NEXT Year | \$0 | \$114 | \$1,917 | \$2,031 | \$2,031 | \$2,317 | \$52 | \$2,265 |
| Gain/Loss on Sale Memo Acct GLOSMA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Integrated Transmission Margin ITBA | \$13 | \$8 | \$142 | \$151 | \$164 | \$326 | \$7 | \$319 |
| Integrated Transmission Nonmargin ITBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) File = 2020 TCAP SDGE RD Model Chau | \$0 dhury SDGE | \$0 E Workpapers | - Page 20 of | ^{\$0} | \$0 | \$0 | Tab = Cost Alloc | \$0 |

| MARGINAL COST COMPONENTS \$000's | Source | Allocation | Total System | Res | NGV | Core C&I | Total Core | NCCI | EG <3 mmth/yr |
|---|--|------------------------------------|------------------|----------------|--------------|----------------|----------------|--------------|------------------|
| Regulatory Accounts | | | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| On-Bill Financing Balancing Account (OBFBA) | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| Baseline Balance BA | Reg. Acct Filing 10/2017 | | 100.0% | 100.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% |
| CFCA -Margin Only (non-NGV) | Reg. Acct Filing 10/2017 | ECPT-Core (non NGV) | 100.0% | 61.7% | 0.0% | 38.3% | 100.0% | 0.0% | 0.0% |
| CFCA -NGV only | Reg. Acct Filing 10/2017 | , | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| CFCA -Nonmargin Other | Reg. Acct Filing 10/2017 | ECPT-Core | 100.0% | 58.9% | 4.5% | 36.6% | 100.0% | 0.0% | 0.0% |
| CFCA -Nonmargin SCG | Reg. Acct Filing 10/2017 | | 100.0% | 58.9% | 4.5% | 36.6% | 100.0% | 0.0% | 0.0% |
| Environmental Fee Balance Account EFBA | Reg. Acct Filing 10/2017 | ECPT AB32 Fee Non-Exempt | 100.0% | 45.6% | 3.5% | 28.3% | 77.4% | 6.8% | 4.3% |
| Disconnect Memorandum Account (DMA) | Reg. Acct Filing 10/2017 | 100% Res | 100.0% | 100.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | Reg. Acct Filing 10/2017 | | 100.0% | 41.5% | 1.6% | 19.3% | 62.5% | 3.3% | 1.9% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | Reg. Acct Filing 10/2017 | ECPT | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
| Green House Gas Balancing Account (GHGBA) - End User | Reg. Acct Filing 10/2017 | ECPT GHG Fee Non-Exempt | 100.0% | 52.8% | 4.1% | 32.8% | 89.6% | 4.8% | 4.8% |
| Green House Gas Balancing Account (GHGBA) - LUAF | Reg. Acct Filing 10/2017 | Method #3 -76.7% core @ ECPT / 23. | | 45.2% | 3.5% | 28.1% | 76.7% | 1.9% | 1.2% |
| FERC Settlement Proceeds MA | Reg. Acct Filing 10/2017 | CAT allocation | 100.0% | 3.8% | 28.3% | 67.8% | 100.0% | 0.0% | 0.0% |
| Core Gas Storage Balancing Acct. GSBA-C | Reg. Acct Filing 10/2017 | ECPT-Core | 100.0% | 58.9% | 4.5% | 36.6% | 100.0% | 0.0% | 0.0% |
| Hazardous Substance Cleanup Cost Acct HSCCA | Reg. Acct Filing 10/2017 | | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
| Master Meter Balancing Account (MMBA) | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| Natural Gas Supp Refund Track Acct | Reg. Acct Filing 10/2017 | ECPT | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | | ECPT AB32 Fee Non-Exempt | 100.0% | 45.6% | 3.5% | 28.3% | 77.4% | 6.8% | 4.3% |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| NFCA -Margin Only | Reg. Acct Filing 10/2017 | EPAM Noncore Only | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 26.6% | 23.8% |
| NFCA -Nonmargin Other | Reg. Acct Filing 10/2017 | ECPT-Noncore | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 8.1% | 5.2% |
| NFCA -Nonmargin SCG | Reg. Acct Filing 10/2017 | ECPT-Noncore | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 8.1% | 5.2% |
| NGVA | Reg. Acct Filing 10/2017 | ECPT | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
| Non-Core Gas Storage Balancing Acct GSBA-NC | Reg. Acct Filing 10/2017 | ECPT-Noncore | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 8.1% | 5.2% |
| PBOPBA | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.0% | 13.8% | 97.5% | 0.7% | 0.6% |
| Pension BA | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | Reg. Acct Filing 10/2017 | CYPM | 100.0% | 41.5% | 1.6% | 19.3% | 62.5% | 3.3% | 1.9% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | Reg. Acct Filing 10/2017 | % HPD Peak Day | 100.0% | 67.1% | 1.4% | 25.4% | 94.0% | 1.8% | 1.5% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | Reg. Acct Filing 10/2017 | • | 100.0% | 41.5% | 1.6% | 19.3% | 62.5% | 3.3% | 1.9% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | Reg. Acct Filing 10/2017 | % HPD Peak Day | 100.0% | 67.1% | 1.4% | 25.4% | 94.0% | 1.8% | 1.5% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | Reg. Acct Filing 10/2017 | CYPM | 100.0% | 41.5% | 1.6% | 19.3% | 62.5% | 3.3% | 1.9% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | Reg. Acct Filing 10/2017 | % HPD Peak Day | 100.0% | 67.1% | 1.4% | 25.4% | 94.0% | 1.8% | 1.5% |
| RD&D 1-Way Bal Acct (Pre-2001) | Reg. Acct Filing 10/2017 | ECPT | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
| Rewards & Penalties Bal Acct RPBA | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| Self Gen Memo Acct - SGPMA-CSI | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| Self Gen Memo Acct - SGPMA-NonCSI | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| SGPMA - Rev Reg for NEXT Year | | | 100.0% | 0.4% | 0.7% | 11.9% | 12.3% | 0.7% | 4.9% |
| Gain/Loss on Sale Memo Acct GLOSMA | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 0.4% 83.0% | 0.0% | 13.8% | 97.5% | 0.0% | 4.9% 0.6% |
| | Reg. Acct Filing 10/2017 | | | | | | | | |
| Integrated Transmission Margin ITBA Integrated Transmission Nonmargin ITBA | Reg. Acct Filing 10/2017 | | 100.0% 100.0% | 29.9% 29.9% | 2.1% 2.1% | 17.7% 17.7% | 49.7% 49.7% | 4.1% 4.1% | 2.6% 2.6% |
| S S | Reg. Acct Filing 10/2017 | | | | 2.1% 0.7% | | 49.7% 97.5% | 4.1% 0.7% | 2.6% 0.6% |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) File = 2020 TCAP SDGE RD Model Cha | Reg. Acct Filing 10/2017 udhury SDGE Workpa | apers - Page 21 of 118 | 100.0% | 83.0% | 0.7% | 13.8% | | = Cost A | |

| MARGINAL COST COMPONENTS \$000's | EG>=3 mmth/yr | Total EG | Total NonCore | NCCI Total | NCCI-D | NCCI-T | NCCI Tota | I Allocation Method | Total % |
|---|------------------|----------|------------------|----------------|--------|--------|----------------|---------------------|---------|
| Regulatory Accounts | | | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| On-Bill Financing Balancing Account (OBFBA) | 1.3% | 0.0% | 2.5% | \$4 | \$4 | \$0 | \$4 | %EPAM | 100.0% |
| Baseline Balance BA | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | 100% Res | 0.0% |
| CFCA -Margin Only (non-NGV) | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | ECPT-Core | 0.0% |
| CFCA -NGV only | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | ECPT-Core | 0.0% |
| CFCA -Nonmargin Other | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | ECPT-Core | 0.0% |
| CFCA -Nonmargin SCG | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | ECPT-Core | 0.0% |
| Environmental Fee Balance Account EFBA | 11.5% | 15.8% | 22.6% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| Disconnect Memorandum Account (DMA) | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | 100% Res | 0.0% |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | 32.4% | 0.0% | 37.5% | \$28 | \$17 | \$10 | \$28 | %CYPM | 100.0% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | 45.1% | 0.0% | 52.0% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| Green House Gas Balancing Account (GHGBA) - End User | 0.8% | 5.6% | 10.4% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| Green House Gas Balancing Account (GHGBA) - LUAF | 20.2% | 21.4% | 23.3% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| FERC Settlement Proceeds MA | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| Core Gas Storage Balancing Acct. GSBA-C | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | ECPT-Core | 0.0% |
| Hazardous Substance Cleanup Cost Acct HSCCA | 45.1% | 0.0% | 52.0% | \$22 | \$14 | \$8 | \$22 | %AYTP | 100.0% |
| Master Meter Balancing Account (MMBA) | 1.3% | 0.0% | 2.5% | \$7 | \$6 | \$0 | \$7 | %EPAM | 100.0% |
| Natural Gas Supp Refund Track Acct | 45.1% | 0.0% | 52.0% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | 11.5% | 15.8% | 22.6% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| NFCA -Margin Only | 49.6% | 73.4% | 100.0% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| NFCA -Nonmargin Other | 86.7% | 0.0% | 100.0% | \$22 | \$14 | \$8 | \$22 | %AYTP | 100.0% |
| NFCA -Nonmargin SCG | 86.7% | 0.0% | 100.0% | \$217 | \$136 | \$81 | \$217 | %AYTP | 100.0% |
| NGVA | 45.1% | 0.0% | 52.0% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| Non-Core Gas Storage Balancing Acct GSBA-NC | 86.7% | 0.0% | 100.0% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| PBOPBA | 1.3% | 0.0% | 2.5% | (\$4) | (\$3) | (\$0) | (\$4) | %EPAM | 100.0% |
| Pension BA | 1.3% | 0.0% | 2.5% | \$28 | \$26 | \$2 | \$28 | %EPAM | 100.0% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | 32.4% | 0.0% | 37.5% | \$7 | \$5 | \$3 | \$7 | %CYPM | 100.0% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | 2.7% | 4.2% | 6.0% | \$0 | \$0 | \$0 | \$0 | % HPD Peak Day | 100.0% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | 32.4% | 0.0% | 37.5% | \$54 | \$34 | \$20 | \$54 | %CYPM | 100.0% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | 2.7% | 4.2% | 6.0% | \$270 | \$270 | \$0 | \$270 | % HPD Peak Day | 100.0% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | 32.4% | 0.0% | 37.5% | \$17 | \$11 | \$6 | \$17 | %CYPM | 100.0% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | 2.7% | 4.2% | 6.0% | \$31 | \$31 | \$0 | \$31 | % HPD Peak Day | 100.0% |
| RD&D 1-Way Bal Acct (Pre-2001) | 45.1% | 0.0% | 52.0% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| Rewards & Penalties Bal Acct RPBA | 1.3% | 0.0% | 2.5% | \$3 | \$3 | \$0 | \$3 | %EPAM | 100.0% |
| Self Gen Memo Acct - SGPMA-CSI | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| Self Gen Memo Acct - SGPMA-NonCSI | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| SGPMA - Rev Reg for NEXT Year | 82.8% | 0.0% | 87.7% | \$0 | \$0 | \$0 | \$0 | %ECPT | 100.0% |
| Gain/Loss on Sale Memo Acct GLOSMA | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| Integrated Transmission Margin ITBA | 43.6% | 0.0% | 50.3% | \$13 | \$8 | \$5 | \$13 | %CYTP | 100.0% |
| Integrated Transmission Nonmargin ITBA | 43.6% | 0.0% | 50.3% | \$0 | \$0 | \$0 | \$0 | %CYTP | 100.0% |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| File = 2020 TCAP SDGE RD Model Cha | | | | Page 22 of 118 | | *- | - - | Tab = Cost Al | |

| MARGINAL COST COMPONENTS \$000's | NCCI-D | NCCI-T | EG Tier 1 | EG Tier 2 | EG Total | EG-D Tier 1 | EG-D Tier 2 | EG-T | EG Total |
|---|---------------------|--------------------|---------------------|------------|----------|-------------|-------------|--------------|-------------------|
| Regulatory Accounts | | | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | 93.9% | 6.1% | \$3 | \$7 | \$11 | \$3 | \$2 | \$5 | \$11 |
| Baseline Balance BA | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Margin Only (non-NGV) | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -NGV only | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Nonmargin Other | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Nonmargin SCG | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Environmental Fee Balance Account EFBA | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | 62.6% | 37.4% | \$16 | \$275 | \$291 | \$14 | \$26 | \$250 | \$291 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | 97.0% | 3.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds MA | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Gas Storage Balancing Acct. GSBA-C | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cleanup Cost Acct HSCCA | 62.6% | 37.4% | \$14 | \$235 | \$249 | \$12 | \$21 | \$216 | \$249 |
| Master Meter Balancing Account (MMBA) | 93.9% | 6.1% | \$6 | \$13 | \$19 | \$6 | \$4 | \$9 | \$19 |
| Natural Gas Supp Refund Track Acct | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Margin Only | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Nonmargin Other | 62.6% | 37.4% | \$14 | \$238 | \$252 | \$12 | \$21 | \$220 | \$252 |
| NFCA -Nonmargin SCG | 62.6% | 37.4% | \$137 | \$2,310 | \$2,447 | \$114 | \$204 | \$2,129 | \$2,447 |
| NGVA | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Non-Core Gas Storage Balancing Acct GSBA-NC | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| РВОРВА | 93.9% | 6.1% | (\$3) | (\$7) | (\$10) | (\$3) | (\$2) | (\$4) | (\$10) |
| Pension BA | 93.9% | 6.1% | \$25 | \$52 | \$77 | \$25 | \$17 | \$35 | \$77 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | 62.6% | 37.4% | \$4 | \$73 | \$77 | \$4 | \$7 | \$66 | \$77 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | 100.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | 62.6% | 37.4% | \$31 | \$536 | \$566 | \$28 | \$51 | \$488 | \$566 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | 100.0% | 0.0% | \$224 | \$404 | \$628 | \$224 | \$404 | \$0 | \$628 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | 62.6% | 37.4% | \$10 | \$167 | \$177 | \$9 | \$16 | \$152 | \$177 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | 100.0% | 0.0% | \$26 | \$46 | \$72 | \$26 | \$46 | \$0 | \$72 |
| RD&D 1-Way Bal Acct (Pre-2001) | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Bal Acct RPBA | 93.9% | 6.1% | \$2 | \$5 | \$8 | \$2 | \$2 | \$3 | \$8 |
| Self Gen Memo Acct - SGPMA-CSI | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Self Gen Memo Acct - SGPMA-NonCSI | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SGPMA - Rev Req for NEXT Year | 62.6% | 37.4% | \$114 | \$1,917 | \$2,031 | \$94 | \$169 | \$1,767 | \$2,031 |
| Gain/Loss on Sale Memo Acct GLOSMA | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Integrated Transmission Margin ITBA | 62.6% | 37.4% | \$8 | \$142 | \$151 | \$7 | \$13 | \$131 | \$151 |
| Integrated Transmission Nonmargin ITBA | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) File = 2020 TCAP SDGE RD Model Chaud | 93.9% dhury SDGE | 6.1% Workpapers | \$0 - Page 23 of | \$0 118 | \$0 | \$0 | \$0 | \$0 Tab = | \$0 Cost Alloc |

| MARCHAN COST COMPONENTS ASSO | | . | | EG-D Tier | |
|---|----------------------------------|----------|---------------|--------------|----------------|
| MARGINAL COST COMPONENTS \$000's | Allocation Method | Total % | 1 | 2 | EG-T |
| Regulatory Accounts | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| On-Bill Financing Balancing Account (OBFBA) | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Baseline Balance BA | 100% Res | 0.0% | 0.0% | 0.0% | 0.0% |
| CFCA -Margin Only (non-NGV) | ECPT-Core | 0.0% | 0.0% | 0.0% | 0.0% |
| CFCA -NGV only | ECPT-Core | 0.0% | 0.0% | 0.0% | 0.0% |
| CFCA -Nonmargin Other | ECPT-Core | 0.0% | 0.0% | 0.0% | 0.0% |
| CFCA -Nonmargin SCG | ECPT-Core | 0.0% | 0.0% | 0.0% | 0.0% |
| Environmental Fee Balance Account EFBA | ECPT excluding exempt EG | 100.0% | 22.7% | 40.8% | 36.5% |
| Disconnect Memorandum Account (DMA) | 100% Res | 0.0% | 0.0% | 0.0% | 0.0% |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | %CYPM | 100.0% | 5.0% | 8.9% | 86.1% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| Green House Gas Balancing Account (GHGBA) - End User | ECPT excluding exempt EG | 100.0% | 71.1% | 14.1% | 14.7% |
| Green House Gas Balancing Account (GHGBA) - LUAF | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| FERC Settlement Proceeds MA | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Core Gas Storage Balancing Acct. GSBA-C | ECPT-Core | 0.0% | 0.0% | 0.0% | 0.0% |
| Hazardous Substance Cleanup Cost Acct HSCCA | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| Master Meter Balancing Account (MMBA) | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Natural Gas Supp Refund Track Acct | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccour | | 100.0% | 22.7% | 40.8% | 36.5% |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | | 100.0% | 32.1% | 22.5% | 45.4% |
| NFCA -Margin Only | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| NFCA -Nonmargin Other | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| NFCA -Nonmargin SCG | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| NGVA | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| Non-Core Gas Storage Balancing Acct GSBA-NC | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| PBOPBA | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Pension BA | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | %CYPM | 100.0% | 5.0% | 8.9% | 86.1% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | % HPD Peak Day | 100.0% | 35.7% | 64.3% | 0.0% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | • | 100.0% | 5.0% | 8.9% | 86.1% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | % HPD Peak Day | 100.0% | 35.7% | 64.3% | 0.0% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | %CYPM | 100.0% | 5.0% | 8.9% | 86.1% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | % HPD Peak Day | 100.0% | 35.7% | 64.3% | 0.0% |
| RD&D 1-Way Bal Acct (Pre-2001) | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| Rewards & Penalties Bal Acct RPBA | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Self Gen Memo Acct - SGPMA-CSI | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Self Gen Memo Acct - SGPMA-NonCSI | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| SGPMA - Rev Reg for NEXT Year | %ECPT | 100.0% | 4.7% | 8.3% | 87.0% |
| Gain/Loss on Sale Memo Acct GLOSMA | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| | %CYTP | 100.0% | 32.1% 4.7% | 8.3% | 45.4% 87.0% |
| Integrated Transmission Margin ITBA Integrated Transmission Nonmargin ITBA | %CYTP %CYTP | 100.0% | 4.7% 4.7% | 8.3% 8.3% | 87.0% 87.0% |
| S S | %EPAM | 100.0% | 4.7% 32.1% | | |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) File = 2020 TCAP SDGE RD Model Ch. | %ЕРАМ audhury SDGE Workpapers | | | 22.5% | 45.4% |

SDG&E Cost Allocation

| MARGINAL COST COMPONENTS \$000's | | | | Res | NGV | Core C&I | Total Core |
|---|---|---|----------|-----------|-----------|-----------|-------------------|
| GRCRRMA Sub allocation for AB32 Admin Fees | | N | \$0 | \$0 | \$0 | \$0 | \$0 |
| CSI Thermal Program memoradum Account | | Υ | \$1,601 | \$822 | \$75 | \$598 | \$1,495 |
| Catastrophic Event Memo. Acct 2007 (CEMA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Z-Factor Memorandum Account | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Regulatory Accounts | | | \$59,691 | \$34,967 | \$1,130 | \$17,056 | \$53,153 |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | \$290,025 | \$3,515 | \$63,002 | \$356,543 |
| AVERAGE YEAR THROUGHPUT, Mth/yr | | | | 313,234 | 24,129 | 194,777 | 532,140 |
| Average Rate \$/th | | | | \$0.92590 | \$0.14570 | \$0.32346 | \$0.67002 |
| FFU Rate | | | | 102.29% | 102.29% | 102.29% | 102.29% |

SDG&E Cost Allocation

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | | |
|---|-----------|-----------|-----------|-----------|---------------|--------------|---------|----------|
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CSI Thermal Program memoradum Account | \$143 | \$0 | \$0 | \$0 | \$143 | \$1,638 | \$37 | \$1,601 |
| Catastrophic Event Memo. Acct 2007 (CEMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Z-Factor Memorandum Account | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Regulatory Accounts | \$862 | \$632 | \$6,414 | \$7,046 | \$7,908 | \$61,061 | \$1,370 | \$59,691 |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | \$3,461 | \$2,789 | \$16,566 | \$19,356 | \$22,816 | \$379,359 | | |
| AVERAGE YEAR THROUGHPUT, Mth/yr | 46,945 | 29,736 | 500,494 | 530,230 | 577,175 | 1,109,315 | | |
| Average Rate \$/th | \$0.07371 | \$0.09381 | \$0.03310 | \$0.03650 | \$0.03953 | \$0.34198 | | |
| FFU Rate | 102.29% | 102.29% | 102.29% | 102.29% | 102.29% | 102.29% | | |

SDG&E Cost Allocation Allocation Allocation 8

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| | | | Total | | | Core | Total | | EG <3 |
|--|--------------------------|--------------------------------|--------|-------|------|-------|-------|------|---------|
| MARGINAL COST COMPONENTS \$000's | Source | Allocation | System | Res | NGV | C&I | Core | NCCI | mmth/yr |
| GRCRRMA Sub allocation for AB32 Admin Fees | Reg. Acct Filing 10/2017 | ECPT AB32 Fee Non-Exempt | 100.0% | 45.6% | 3.5% | 28.3% | 77.4% | 6.8% | 4.3% |
| CSI Thermal Program memoradum Account | Reg. Acct Filing 10/2017 | ECPT ex CARE, EG, Cost. Exempt | 100.0% | 50.2% | 4.6% | 36.5% | 91.3% | 8.7% | 0.0% |
| Catastrophic Event Memo. Acct 2007 (CEMA) | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| Z-Factor Memorandum Account | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |

Total Regulatory Accounts

| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr |
|---|
| AVERAGE YEAR THROUGHPUT, Mth/yr |
| Average Rate \$/th |
| FFU Rate |

MISC Inputs

SDG&E Cost Allocation NCCI Allocation

| | EG>=3 | | Total | | | | | | |
|---|---------|----------|---------|------------|-----------|-----------|------------|-------------------------|---------|
| MARGINAL COST COMPONENTS \$000's | mmth/yr | Total EG | NonCore | NCCI Total | NCCI-D | NCCI-T | NCCI Total | Allocation Method | Total % |
| GRCRRMA Sub allocation for AB32 Admin Fees | 11.5% | 15.8% | 22.6% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| CSI Thermal Program memoradum Account | 0.0% | 0.0% | 8.7% | \$143 | \$87 | \$56 | \$143 | % AYTP CSITMA NonExempt | 100.0% |
| Catastrophic Event Memo. Acct 2007 (CEMA) | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| Z-Factor Memorandum Account | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| Total Regulatory Accounts | | | | \$862 | \$661 | \$200 | \$862 | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | \$3,461 | \$2,901 | \$559 | \$3,461 | - | |
| AVERAGE YEAR THROUGHPUT, Mth/yr | | | | 46,945 | 29,376 | 17,569 | 46,945 | = | |
| Average Rate \$/th | | | | \$0.07371 | \$0.09876 | \$0.03184 | \$0.07371 | | |
| FFU Rate | | | | 102.29% | 102.29% | 102.29% | | | |

SDG&E Cost Allocation EG Allocation

| MARGINAL COST COMPONENTS \$000's | NCCI-D | NCCI-T | EG Tier 1 | EG Tier 2 | EG Total | EG-D Tier 1 | EG-D Tier 2 | EG-T | EG Total |
|---|---------|--------|-----------|-----------|-----------|-------------|-------------|-----------|-----------|
| GRCRRMA Sub allocation for AB32 Admin Fees | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CSI Thermal Program memoradum Account | 60.8% | 39.2% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Catastrophic Event Memo. Acct 2007 (CEMA) | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Z-Factor Memorandum Account | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Regulatory Accounts | | | \$632 | \$6,414 | \$7,046 | \$577 | \$1,001 | \$5,468 | \$7,046 |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | <u></u> | | \$2,789 | \$16,566 | \$19,356 | \$2,660 | \$2,844 | \$13,851 | \$19,356 |
| AVERAGE YEAR THROUGHPUT, Mth/yr | | | 29,736 | 500,494 | 530,230 | 24,662 | 44,206 | 461,363 | 530,230 |
| Average Rate \$/th | | | \$0.09381 | \$0.03310 | \$0.03650 | \$0.10787 | \$0.06434 | \$0.03002 | \$0.03650 |
| FFU Rate | | | 102.29% | 102.29% | 102.29% | 102.29% | 102.29% | 102.29% | |

2020 TCAP Application

| | | | EG-D Tier | EG-D Tier | |
|--|--------------------------|---------|-----------|-----------|-------|
| MARGINAL COST COMPONENTS \$000's | Allocation Method | Total % | 1 | 2 | EG-T |
| GRCRRMA Sub allocation for AB32 Admin Fees | ECPT excluding exempt EG | 100.0% | 22.7% | 40.8% | 36.5% |
| CSI Thermal Program memoradum Account | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| Catastrophic Event Memo. Acct 2007 (CEMA) | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Z-Factor Memorandum Account | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |

Total Regulatory Accounts

Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr

AVERAGE YEAR THROUGHPUT, Mth/yr

Average Rate \$/th

FFU Rate

2020 TCAP Application

| MARGINAL COST COMPONENTS \$000's | Res | NGV | Core C&I | Total Core |
|--|-----------|-----------|-----------|------------|
| Sempra Wide & TLS Adjustments:: | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | \$290,025 | \$3,515 | \$63,002 | \$356,543 |
| SW NGV Adjustment | | \$294 | | \$294 |
| SW EG Adjustment | | | | \$0 |
| TLS Adjustment | | | | |
| Amount allocated to TLS Class \$000 | | | | \$0 |
| TLS revenue paid by class @ average TLS rate \$000 | | | | \$0 |
| | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | \$290,025 | \$3,809 | \$63,002 | \$356,836 |
| Rate Tables | \$290,025 | \$3,809 | \$63,002 | \$356,836 |
| difference | \$0 | \$0 | \$0 | \$0 |
| AYTP Mth/yr | 313,234 | 24,129 | 194,777 | 532,140 |
| Average Rate w/oBTS \$/th | \$0.92590 | \$0.15786 | \$0.32346 | \$0.67057 |
| Rate Tables | \$0.92590 | \$0.15786 | \$0.32346 | \$0.67057 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| BTS w/FFU Charge \$000 | \$9,140 | \$642 | \$5,409 | \$15,191 |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | \$299,165 | \$4,451 | \$68,411 | \$372,027 |
| Average Rate w/ BTS \$/th | \$0.95508 | \$0.18448 | \$0.35123 | \$0.69911 |
| Effective Allocation %'s: | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | 77.4% | 0.8% | 14.2% | 92.4% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 83.0% | 0.7% | 13.8% | 97.5% |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | 76.5% | 0.9% | 16.6% | 94.0% |
| Transport Rev Reg w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | 76.3% | 1.0% | 16.6% | 93.9% |

Calculation of Allocation Factors

Customers

AYTP

AYTP Distribution Only

CYTP

CYPM

CYPM Dist Only

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

EPMC Dist Only

Cumulative HPD Peak Day

Cumulative HPD Peak Day

AYTP Mth/yr

exempt volumes Mth/yr

2020 TCAP Application

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | |
|--|-----------|-----------|---------------------------------------|------------|---------------|--------------|---|
| Sempra Wide & TLS Adjustments:: | • | | | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | \$3,461 | | | \$19,356 | \$22,816 | \$379,359 | |
| SW NGV Adjustment | | | | | \$0 | \$294 | |
| SW EG Adjustment | | | | \$994 | \$994 | \$994 | |
| TLS Adjustment | | | | | | | |
| Amount allocated to TLS Class \$000 | (\$559) | | | (\$13,851) | (\$14,410) | (\$14,410) | |
| TLS revenue paid by class @ average TLS rate \$000 | \$569 | | | \$13,123 | \$13,692 | \$13,692 | |
| | \$10 | | | (\$728) | (\$719) | (\$719) | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | \$3,470 | | | \$19,621 | \$23,092 | \$379,928 | |
| Rate Tables | \$3,470 | | | \$19,621 | \$23,092 | \$379,928 | |
| difference | \$0 | | | \$0 | \$0 | \$0 | |
| AYTP Mth/yr | 46,945 | | | 530,230 | 577,175 | 1,109,315 | |
| Average Rate w/oBTS \$/th | \$0.07392 | | | \$0.03701 | \$0.04001 | \$0.34249 | |
| Rate Tables | \$0.07392 | | | \$0.03701 | \$0.04001 | \$0.34249 | - |
| difference | \$0.00000 | | | \$0.00000 | \$0.00000 | \$0.00000 | |
| BTS w/FFU Charge \$000 | \$1,249 | \$791 | \$13,321 | \$14,112 | \$15,361 | \$30,553 | |
| Fransport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | \$4,720 | • | · · · · · · · · · · · · · · · · · · · | \$33,733 | \$38,453 | \$410,480 | |
| Average Rate w/ BTS \$/th | \$0.10053 | | | \$0.06362 | \$0.06662 | \$0.37003 | |
| Effective Allocation %'s: | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | 1.0% | 0.8% | 5.8% | 6.6% | 7.6% | 100.0% | |
| Fotal Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 0.7% | 0.6% | 1.3% | 1.9% | 2.5% | 100.0% | |
| Fransport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | 0.9% | 0.7% | 4.4% | 5.1% | 6.0% | 100.0% | |
| Transport Rev Reg w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | 0.9% | 0.0% | 0.0% | 5.2% | 6.1% | 100.0% | |

Calculation of Allocation Factors

Customers

AYTP

AYTP Distribution Only

CYTP

CYPM

CYPM Dist Only

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

EPMC Dist Only

Cumulative HPD Peak Day

Cumulative HPD Peak Day

AYTP Mth/yr

exempt volumes Mth/yr

Allocation % SDG&E Cost Allocation

2020 TCAP Application

| MARGINAL COST COMPONENTS \$000's | Source | Allocation | Total System | Res | NGV | Core C&I | Total Core | NCCI | EG <3 mmth/yr |
|--|------------------|------------|---|-----|-----|-------------|---------------|------|------------------|
| Sempra Wide & TLS Adjustments:: | · | | • | | | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | | | |
| SW NGV Adjustment | | | | | | | | | |
| SW EG Adjustment | | | | | | | | | |
| TLS Adjustment | | | | | | | | | |
| Amount allocated to TLS Class \$000 | | | | | | | | | |
| TLS revenue paid by class @ average TLS rate \$000 | | | | | | | | | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | | | | | | | | | |
| Rate Tables | Cost Alloc | | | | | | | | |
| difference | | | | | | | | | |
| | | | | | | | | | |
| AYTP Mth/yr | | | | | | | | | |
| Average Rate w/oBTS \$/th | | | | | | | | | |
| Rate Tables | Cost Alloc | | | | | | | | |
| difference | | | | | | | | | |
| BTS w/FFU Charge \$000 | SCG/ Local & BBT | | | | | | | | |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | | | | | | | | | |
| Average Rate w/ BTS \$/th | | | | | | | | | |
| | | | | | | | | | |
| Effective Allocation %'s: | | | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | | | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | | | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | | | | | | | | | |

Calculation of Allocation Factors

Customers

AYTP

AYTP Distribution Only

CYTP

CYPM

CYPM Dist Only

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

EPMC Dist Only

Cumulative HPD Peak Day

Cumulative HPD Peak Day

AYTP Mth/yr

exempt volumes Mth/yr

SDG&E Cost Allocation NCCI Allocation

2020 TCAP Application

| | EG>=3 | | Total | | | | | | | |
|---|---------|----------|---------|---|------------|-----------|-----------|------------|-------------------|---------|
| MARGINAL COST COMPONENTS \$000's | mmth/yr | Total EG | NonCore | _ | NCCI Total | NCCI-D | NCCI-T | NCCI Total | Allocation Method | Total % |
| Sempra Wide & TLS Adjustments:: | • | | | _ | | | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | | \$3,461 | \$2,901 | \$559 | \$3,461 | | |
| SW NGV Adjustment | | | | | | | | | | |
| SW EG Adjustment | | | | | | | | | | |
| TLS Adjustment | | | | | | | | | | |
| Amount allocated to TLS Class \$000 | | | | | (\$559) | | (\$559) | (\$559) | | |
| TLS revenue paid by class @ average TLS rate \$000 | | | | | \$569 | | \$569 | \$569 | | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | _ = | | | | \$3,470 | \$2,901 | \$569 | \$3,470 | <u> </u> | |
| Rate Tables | _ | | | | | | \$569 | | _ | |
| difference | | | | | | | | | | |
| AYTP Mth/yr | | | | | 46,945 | 29,376 | 17,569 | 46,945 | | |
| Average Rate w/oBTS \$/th | | | | | \$0.07392 | \$0.09876 | \$0.03239 | \$0.07392 | | |
| Rate Tables | | | | | <u> </u> | | | | | |
| difference | | | | | | | | | | |
| BTS w/FFU Charge \$000 | | | | | \$1,249 | \$782 | \$468 | \$1,249 | %CYTP | 100.0% |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | _ | | | | \$4,710 | \$3,683 | \$1,027 | \$4,710 | = | ļ |
| Average Rate w/ BTS \$/th | = | | | | \$0.10033 | \$0.12537 | \$0.05845 | \$0.10033 | | |

Effective Allocation %'s:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU
Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr
Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr

| Calculation of Allocation Factors | N | ICCI Total | NCCI-D | NCCI-T | Source | Allocation Method | Total % |
|--|-------------------------------------|------------------|---------|--------|---------------|---|---------|
| # Customers | | 53 | 44 | 9 | Alloc factors | %Customers | 100.0% |
| AYTP | | 46,945 | 29,376 | 17,569 | Alloc factors | %AYTP | 100.0% |
| AYTP Distribution Only | | | | | | | |
| CYTP | | 46,945 | 29,376 | 17,569 | Alloc factors | %CYTP | 100.0% |
| CYPM | | 3,947 | 2,470 | 1,477 | Alloc factors | %CYPM | 100.0% |
| CYPM Dist Only | | 2,470 | 2,470 | 0 | | %CYPM Dist Only | 100.0% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | \$1,956 | \$1,838 | \$118 | | %EPAM | 100.0% |
| EPMC Dist Only | | | | | | | |
| Cumulative HPD Peak Day | | | | | | | |
| Cumulative HPD Peak Day | | | | | | | |
| AYTP Mth/yr | | 46,945 | 29,376 | 17,569 | | | |
| exempt volumes Mth/yr | | (2,083) | (2,083) | 0 | Alloc factors | | |
| AYTP NonExempt Volumes Mth/yr File = 2020 TCAP SDGE RD Model | Chaudhury SDGE Workpapers - Page 34 | 44,862 of 118 | 27,293 | 17,569 | | % AYTP CSITMA NonExempt Tab = Cost Alloc | 100.0% |

SDG&E Cost Allocation **EG** Allocation

2020 TCAP Application

| MARGINAL COST COMPONENTS \$000's | NCCI-D | NCCI-T | EG Tier 1 | EG Tier 2 | EG Total | EG-D Tier 1 | EG-D Tier 2 | EG-T | EG Total |
|---|--------|--------|-----------|-----------|----------|-------------|-------------|------------|----------|
| Sempra Wide & TLS Adjustments:: | · | | | | | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | \$2,660 | \$2,844 | \$13,851 | |
| SW NGV Adjustment | | | | | | | | | |
| SW EG Adjustment | | | | | | \$578 | \$416 | \$994 | |
| TLS Adjustment | | | | | | | | | |
| Amount allocated to TLS Class \$000 | | | | | | | | (\$13,851) | |
| TLS revenue paid by class @ average TLS rate \$000 | | | | | | | | \$13,123 | |
| | | | | | | | | (\$728) | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | | | | | | \$3,238 | \$3,261 | \$13,123 | - |
| Rate Tables | | | | | | \$3,238 | \$3,261 | \$13,123 | - |
| difference | | | | | | \$0 | \$0 | \$0 | |
| AYTP Mth/yr | | | | | | | | | |
| Average Rate w/oBTS \$/th | | | | | | | | | |
| Rate Tables | | | | | | | | | |
| difference | | | | | | | | | |
| BTS w/FFU Charge \$000 | 62.6% | 37.4% | \$791 | \$13,321 | \$14,112 | \$656 | \$1,177 | \$12,279 | \$14,112 |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | | | \$3,581 | \$29,887 | \$33,468 | \$3,317 | \$4,021 | \$26,130 | \$33,468 |
| Average Rate w/ BTS \$/th | | · | · | • | | \$0.13448 | \$0.09096 | \$0.05664 | |

Effective Allocation %'s:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr

| Calculation of Allocation Factors | NCCI-D | NCCI-T | EG Total | FG-D Tier 1 | EG-D Tier 2 | EG-T |
|--|--------|--------|----------|-------------|-------------|---------|
| # Customers | 83.0% | 17.0% | 90 | 69 | 6 | 15 |
| | | | | | | |
| AYTP | 62.6% | 37.4% | 530,230 | 24,662 | 44,206 | 461,363 |
| AYTP Distribution Only | | | 68,867 | 24,662 | 44,206 | 0 |
| CYTP | 62.6% | 37.4% | 530,230 | 24,662 | 44,206 | 461,363 |
| CYPM | 62.6% | 37.4% | 41,419 | 2,053 | 3,696 | 35,670 |
| CYPM Dist Only | 100.0% | 0.0% | 5,749 | 2,053 | 3,696 | 0 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 93.9% | 6.1% | \$5,401 | \$1,733 | \$1,214 | \$2,454 |
| EPMC Dist Only | | | \$2,947 | \$1,733 | \$1,214 | \$0 |
| Cumulative HPD Peak Day | | | 185 | 66 | 119 | 0 |
| Cumulative HPD Peak Day | | | | | | |
| AVTP Mth/yr | | | | | | |

AYTP Mth/yr

exempt volumes Mth/yr

2020 TCAP Application

| MARGINAL COST COMPONENTS \$000's | Allocation Method | Total % | 1 | 2 | EG-T |
|---|-------------------|---------|------|------|-------|
| empra Wide & TLS Adjustments:: | • | | | | |
| ransport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | | |
| SW NGV Adjustment | | | | | |
| SW EG Adjustment | | | | | |
| TLS Adjustment | | | | | |
| Amount allocated to TLS Class \$000 | | | | | |
| TLS revenue paid by class @ average TLS rate \$000 | | | | | |
| ransport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | | | | | |
| Rate Tables | | | | | |
| difference | | | | | |
| AYTP Mth/yr Average Rate w/oBTS \$/th Rate Tables difference | | | | | |
| BTS w/FFU Charge \$000 | %CYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| ransport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | | | | | |
| verage Rate w/ BTS \$/th | | | | | |
| Effective Allocation %'s: | | | | | |
| otal Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | |
| otal Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | | |
| | | | | | |
| ransport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | | |

EG-D Tier EG-D Tier

| Calculation of Allocation Factors | Allocation Method | Total % | 1 | 2 | EG-T |
|--|-------------------|---------|-------|-------|-------|
| # Customers | %Customers | 100.0% | 76.7% | 6.7% | 16.7% |
| AYTP | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| AYTP Distribution Only | %AYTP Dist Only | 100.0% | 35.8% | 64.2% | 0.0% |
| CYTP | %CYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| CYPM | %CYPM | 100.0% | 5.0% | 8.9% | 86.1% |
| CYPM Dist Only | %CYPM Dist Only | 100.0% | 35.7% | 64.3% | 0.0% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| EPMC Dist Only | EPAM Dist Only | 100.0% | 58.8% | 41.2% | 0.0% |
| Cumulative HPD Peak Day | %HPD Peak Day | 100.0% | 35.7% | 64.3% | 0.0% |
| Cumulative HPD Peak Day | | | | | |

AYTP Mth/yr

exempt volumes Mth/yr

2020 TCAP Application

MARGINAL COST COMPONENTS \$000's Res NGV Core C&I Total Core

Allocator for California Air Resources Board AB 32 Admin Fee:

AYTP Mth/yr all customers Mth/y

Less: AB32Fees Exempt Customers Mth/y

AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y

Current

Less: AB32Fees Exempt Customers Mth/y

Proposed

Less: AB32Fees Exempt Customers Mth/y

GHG Fee Adder

AYTP Mth/yr all customers Mth/y

Less: GHG Charge Exempt Customers Mth/y

AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y

GHG Fee Adder Current

Less: GHG Charge Exempt Customers Mth/y

GHG Fee Adder Proposed

2020 TCAP Application

MARGINAL COST COMPONENTS \$000's NCCI EG Tier 1 EG Tier 2 Total EG Total NonCore System Total

Allocator for California Air Resources Board AB 32 Admin Fee:

AYTP Mth/yr all customers Mth/y

Less: AB32Fees Exempt Customers Mth/y

AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y

Current

Less: AB32Fees Exempt Customers Mth/y

Proposed

Less: AB32Fees Exempt Customers Mth/y

GHG Fee Adder

AYTP Mth/yr all customers Mth/y

Less: GHG Charge Exempt Customers Mth/y

AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y

GHG Fee Adder Current

Less: GHG Charge Exempt Customers Mth/y

GHG Fee Adder Proposed

SDG&E Cost Allocation Allocation Allocation

2020 TCAP Application

| | | | Total | | | Core | Total | | EG <3 |
|----------------------------------|--------|------------|--------|-----|-----|------|-------|------|---------|
| MARGINAL COST COMPONENTS \$000's | Source | Allocation | System | Res | NGV | C&I | Core | NCCI | mmth/yr |

Allocator for California Air Resources Board AB 32 Admin Fee:

AYTP Mth/yr all customers Mth/y

Less: AB32Fees Exempt Customers Mth/y

AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y

Current

Less: AB32Fees Exempt Customers Mth/y

Proposed

Less: AB32Fees Exempt Customers Mth/y

GHG Fee Adder

AYTP Mth/yr all customers Mth/y

Less: GHG Charge Exempt Customers Mth/y

AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y

GHG Fee Adder Current

Less: GHG Charge Exempt Customers Mth/y

GHG Fee Adder Proposed

NCCI Allocation SDG&E Cost Allocation

2020 TCAP Application

| MARGINAL COST COMPONENTS \$000's | EG>=3 mmth/vr | Total EG | Total NonCore | | NCCI Total | NCCI-D | NCCI-T | NCCI Total | Allocation Method | Total % |
|---|------------------|----------|------------------|---|------------|---------|----------|------------|---------------------|---------|
| | | | | _ | | | | | | 70 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Allocator for California Air Resources Board AB 32 Admin Fee: | | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | | | | | | | | | | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | | | | | | |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y Current | | | | | | | | | | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | | | | | | |
| Proposed | | | | | | | | | | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | | | | | | |
| GHG Fee Adder | | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | | | | | 46,945 | 29,376 | 17,569 | | | |
| Less: GHG Charge Exempt Customers Mth/y | | | | _ | (18,389) | (1,682) | (16,707) | • | | |
| AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y | | | | | 28,556 | 27,694 | 862 | | % AYTPGHG NonExempt | 100.0% |
| GHG Fee Adder Current | | | | | | | | | | |
| Less: GHG Charge Exempt Customers Mth/y | | | | _ | (17,918) | (1,592) | (16,326) | - | | |
| | | | | | | | | | | |
| GHG Fee Adder Proposed | | | | | | | | | | |
| Less: GHG Charge Exempt Customers Mth/y | | | | _ | (18,389) | (1,682) | (16,707) | - | | |

SDG&E Cost Allocation EG Allocation

| MARGINAL COST COMPONENTS \$000's | NCCI-D | NCCI-T | EG Tier 1 | EG Tier 2 | EG Total | EG-D Tier 1 | EG-D Tier 2 | EG-T | EG Total |
|---|--------|--------|-----------|-----------|-----------|-------------|-------------|-----------|----------|
| | | | | | | | | | |
| | | | | | | | | | |
| Allocator for California Air Resources Board AB 32 Admin Fee: | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | | | | | 530,230 | 24,662 | 44,206 | 461,363 | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | (421,881) | (102) | 0 | (421,779) | |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | | | | | 108,350 | 24,560 | 44,206 | 39,584 | |
| Current | | | | | | | | | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | (481,330) | (1,535) | 0 | (479,795) | |
| Proposed | | | | | | | | | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | (421,881) | (102) | 0 | (421,779) | |
| GHG Fee Adder | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | | | | | 530,230 | 24,662 | 44,206 | 461,363 | |
| Less: GHG Charge Exempt Customers Mth/y | | | | | (497,259) | (1,212) | (39,541) | (456,506) | |
| AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y | 97.0% | 3.0% | | | 32,971 | 23,450 | 4,665 | 4,857 | |
| GHG Fee Adder Current | | | | | | | | | |
| Less: GHG Charge Exempt Customers Mth/y | | | | | (641,551) | (944) | (68,514) | (572,093) | |
| GHG Fee Adder Proposed | | | | | | | | | |
| Less: GHG Charge Exempt Customers Mth/y | | | | | (497,259) | (1,212) | (39,541) | (456,506) | |

2020 TCAP Application

| MARGINAL COST COMPONENTS \$000's | Allocation Method | Total % | EG-D Tier | r EG-D Tier 2 | EG-T |
|---|---------------------------|---------|-----------|------------------|-------|
| | · | | | | |
| | | | | | |
| Allocator for California Air Resources Board AB 32 Admin Fee: | | | | | |
| AYTP Mth/yr all customers Mth/y | | | | | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | % ECPT AB32 Fee Non-Exemp | 100.00% | 22.7% | 40.8% | 36.5% |
| Current | | | | | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | |
| Proposed | | | | | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | |
| GHG Fee Adder | | | | | |
| AYTP Mth/yr all customers Mth/y | | | | | |
| Less: GHG Charge Exempt Customers Mth/y | | | | | |
| AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y | % ECPT GHG Fee Non-Exemp | 100.00% | 71.1% | 14.1% | 14.7% |
| GHG Fee Adder Current | | | | | |

Less: GHG Charge Exempt Customers Mth/y

GHG Fee Adder Proposed

| 2020 TCAP Application | | | | | Non Core | | | | Total Non | |
|--|-----------|---------|----------|-------------------|----------|-----------|-----------|----------|-----------|--------------|
| | Res | NGV | Core C&I | Total Core | C&I | EG Tier 1 | EG Tier 2 | Total EG | Core | Total System |
| DIRECT (%'s Load or Cust/Mtrs Sum to 100%) | | | | | | | | | | |
| Transmission | | | | | | | | | | |
| Average Year Throughput (MTh) | 0 | 0 | 0 | 0 | 17,569 | 5,074 | 456,289 | 461,363 | 478,932 | 478,932 |
| Cold Year Throughput (1-in-35) (MTh) | 0 | 0 | 0 | 0 | 17,569 | 5,074 | 456,289 | 461,363 | 478,932 | 478,932 |
| Cold Year Peak Month (December) (MTh) | 0 | 0 | 0 | 0 | 1,477 | 191 | 35,479 | 35,670 | 37,147 | 37,147 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 0 | 0 | 0 | 0 | 48 | 6 | 1,684 | 1,690 | 1,738 | 1,738 |
| Number of Customers | 0 | 0 | 0 | 0 | 9 | 3 | 12 | 15 | 24 | 24 |
| High Pressure | | | | | | | | | | |
| Average Year Throughput (MTh) | 67 | 8,874 | 3,116 | 12,057 | 7,497 | 3,531 | 36,209 | 39,740 | 47,237 | 59,294 |
| Cold Year Throughput (1-in-35) (MTh) | 74 | 8,874 | 3,251 | 12,199 | 7,497 | 3,531 | 36,209 | 39,740 | 47,237 | 59,436 |
| Cold Year Peak Month (December) (MTh) | 11 | 721 | 373 | 1,105 | 630 | 287 | 3,027 | 3,314 | 3,944 | 5,049 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 1 | 23 | 18 | 42 | 20 | 9 | 98 | 107 | 127 | 169 |
| Number of Customers | 2 | 4 | 5 | 11 | 9 | 5 | 4 | 9 | 18 | 29 |
| Medium Pressure | | | | | | | | | | |
| Average Year Throughput (MTh) | 313,167 | 15,255 | 191,661 | 520,083 | 21,879 | 21,131 | 7,997 | 29,127 | 51,006 | 571,089 |
| Cold Year Throughput (1-in-35) (MTh) | 343,334 | 15,255 | 199,985 | 558,574 | 21,879 | 21,131 | 7,997 | 29,127 | 51,006 | 609,580 |
| Cold Year Peak Month (December) (MTh) | 50,177 | 1,239 | 22,957 | 74,374 | 1,839 | 1,767 | 669 | 2,435 | 4,275 | 78,649 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 2,943 | 40 | 1,098 | 4,081 | 59 | 57 | 22 | 79 | 138 | 4,219 |
| Number of Customers | 874,065 | 24 | 30,932 | 905,021 | 35 | 64 | 2 | 66 | 101 | 905,122 |
| CUMULATIVE (Calc'd from DIRECT %'s) | | | | | | | | | | |
| Transmission | | | | | | | | | | |
| Average Year Throughput (MTh) | 313,234 | 24,129 | 194,777 | 532,140 | 46,945 | 29,736 | 500,494 | 530,230 | 577,175 | 1,109,315 |
| Cold Year Throughput (1-in-35) (MTh) | 343,408 | 24,129 | 203,236 | 570,773 | 46,945 | 29,736 | 500,494 | 530,230 | 577,175 | 1,147,948 |
| Cold Year Peak Month (December) (MTh) | 50,188 | 1,960 | 23,331 | 75,479 | 3,947 | 2,244 | 39,175 | 41,419 | 45,366 | 120,845 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 2,944 | 63 | 1,115 | 4,123 | 127 | 72 | 1,803 | 1,876 | 2,003 | 6,126 |
| Number of Customers | 874,067 | 28 | 30,937 | 905,032 | 53 | 72 | 18 | 90 | 143 | 905,175 |
| High Pressure | | | | | | | | | | |
| Average Year Throughput (MTh) | 313,234 | 24,129 | 194,777 | 532,140 | 29,376 | 24,662 | 44,206 | 68,867 | 98,243 | 630,384 |
| Cold Year Throughput (1-in-35) (MTh) | 343,408 | 24,129 | 203,236 | 570,773 | 29,376 | 24,662 | 44,206 | 68,867 | 98,243 | 669,016 |
| Cold Year Peak Month (December) (MTh) | 50,188 | 1,960 | 23,331 | 75,479 | 2,470 | 2,053 | 3,696 | 5,749 | 8,219 | 83,698 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 2,944 | 63 | 1,115 | 4,123 | 80 | 66 | 119 | 185 | 265 | 4,388 |
| Number of Customers | 874,067 | 28 | 30,937 | 905,032 | 44 | 69 | 6 | 75 | 119 | 905,151 |
| Medium Pressure | | | | | | | | | | |
| Average Year Throughput (MTh) | 313,167 | 15,255 | 191,661 | 520,083 | 21,879 | 21,131 | 7,997 | 29,127 | 51,006 | 571,089 |
| Cold Year Throughput (1-in-35) (MTh) | 343,334 | 15,255 | 199,985 | 558,574 | 21,879 | 21,131 | 7,997 | 29,127 | 51,006 | 609,580 |
| Cold Year Peak Month (December) (MTh) | 50,177 | 1,239 | 22,957 | 74,374 | 1,839 | 1,767 | 669 | 2,435 | 4,275 | 78,649 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 2,943 | 40 | 1,098 | 4,081 | 59 | 57 | 22 | 79 | 138 | 4,219 |
| Number of Customers | 874,065 | 24 | 30,932 | 905.021 | 35 | 64 | 2 | 66 | 101 | 905,122 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$241,272 | \$1,911 | \$40,147 | \$283,329 | \$1,956 | \$1,751 | \$3,651 | \$5,401 | \$7,357 | \$290,686 |

SDGE Allocation Factors

| 2020 TOAL Application | | | | | Non Core | | | | Total Non | |
|---|----------------|---------------|----------|----------------|---------------|---------------|-----------|-----------|-----------------|-----------------|
| | Res | NGV | Core C&I | Total Core | C&I | EG Tier 1 | EG Tier 2 | Total EG | Core | Total System |
| Calculation of Allocation Factors: | 074.007 | 00 | 00.007 | 005.000 | | 70 | 40 | | 440 | 005 475 |
| Cumulative Transmission # Customers | 874,067 | 28 | 30,937 | 905,032 | 53 | 72 | 18 | 90 | 143 | 905,175 |
| Cumulative Transmission AYTP Mth/yr | 313,234 | 24,129 | 194,777 | 532,140 | 46,945 | 29,736 | 500,494 | 530,230 | 577,175 | 1,109,315 |
| AYTP System | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% | 45.1% | | 52.0% | 100.0% |
| AYTP Core | 58.9% | 4.5% | 36.6% | 100.0% | | | | | - | 100.0% |
| AYTP Core Non NGV | 61.7% | 0.0% | 38.3% | 100.0% | | | | | - | 100.0% |
| AYTP Noncore | | | | - | 8.1% | 5.2% | 86.7% | | 100.0% | 100.0% |
| AYTP Core & NonCore Distribution Only: | | | | | | | | | | |
| System Total Mth/yr | 313,234 | 24,129 | 194,777 | 532,140 | 46,945 | 29,736 | 500,494 | 530,230 | 577,175 | 1,109,315 |
| Less NonCore Transmission Mth/yr | | | | | (17,569) | (5,074) | (456,289) | (461,363) | (478,932) | (478,932) |
| AYTP Core & NonCore Distribution Only | 313,234 | 24,129 | 194,777 | 532,140 | 29,376 | 24,662 | 44,206 | 68,867 | 98,243 | 630,384 |
| %AYTP Core & NonCore Distribution | 49.7% | 3.8% | 30.9% | 84.4% | 4.7% | 3.9% | 7.0% | 10.9% | 15.6% | 100.0% |
| Cumulative Transmission CYTP Mth/yr | 343.408 | 24,129 | 203,236 | 570,773 | 46.945 | 29,736 | 500.494 | 530,230 | 577,175 | 1,147,948 |
| CYTP System | 29.9% | 2.1% | 17.7% | 49.7% | 4.1% | 2.6% | 43.6% | 000,200 | 50.3% | 100.0% |
| Ourseletter Transmission OVDM Mileter | 50,188 | 1.960 | 23,331 | 75,479 | 3,947 | 2,244 | 39,175 | 44 440 | 45,366 | 120,845 |
| Cumulative Transmission CYPM Mth/mo | | , | | | | | | 41,419 | | |
| CYCPM System Total | 41.5% | 1.6% | 19.3% | 62.5% | 3.3% | 1.9% | 32.4% | | 37.5% | 100.0% |
| CYPM Core Only | 66.5% | 2.6% | 30.9% | 100.0% | 0.70/ | 4.00/ | 00.40/ | 0.0% | 0.0% | 100.0% |
| CYPM Noncore Only | | | | 0.0% | 8.7% | 4.9% | 86.4% | 91.3% | 100.0% | 100.0% |
| CYPM EG-T Only mth/mo | | | | | | 191 | 35,479 | 35,670 | 35,670 | 35,670 |
| % CYPM EG-T Only | | | | | | 0.5% | 99.5% | 100.0% | 100.0% | 100.0% |
| Cumulative Transmission Peak Day Mth/day | 2,944 | 63 | 1,115 | 4,123 | 127 | 72 | 1,803 | 1,876 | 2,003 | 6,126 |
| PDD System Total | 48.1% | 1.0% | 18.2% | 67.3% | 2.1% | 1.2% | 29.4% | | 32.7% | 100.0% |
| Cumulative HP Distribution Peak Day Mth/day | 2,944 | 63 | 1,115 | 4,123 | 80 | 66 | 119 | 185 | 265 | 4,388 |
| CYPM System Total | 67.1% | 1.4% | 25.4% | 94.0% | 1.8% | 1.5% | 2.7% | 4.2% | 6.0% | 100.0% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$241,272 | \$1,911 | \$40,147 | \$283,329 | \$1,956 | \$1,751 | \$3,651 | \$5,401 | \$7,357 | \$290,686 |
| EPAM All | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% | 1.3% | | 2.5% | 100.0% |
| Core EPAM | 85.2% | 0.7% | 14.2% | 100.0% | | | | | | 100.0% |
| NonCore EPAM | | | | | 26.6% | 23.8% | 49.6% | 73.4% | 100.0% | 100.0% |
| LUAF Allocator: | | | | | | | | | | |
| Method #1 = Based on 2007 Rates: | | | | | | | | | | |
| LUAF in 2007 Rates | \$827 | \$10 | \$329 | \$1,167 | \$219 | \$428 | \$1,849 | \$2,277 | \$2,496 | \$3,663 |
| % 2007 UAF Allocation | 22.6% | 0.3% | 9.0% | 31.9% | 6.0% | 11.7% | 50.5% | 62.2% | 68.1% | 100.0% |
| Mathad #2, CEN acre @ ECDT / 259/ manage @ ECDT, NOT 11050 | | | | | | | | | | |
| Method #2 - 65% core @ ECPT / 35% noncore @ ECPT: NOT USED | 58.9% | 4.5% | 26.60/ | 100.007 | 0.0% | 0.00/ | 0.00/ | 0.0% | 0.00/ | 100.0% |
| Core ECPT | | | 36.6% | 100.0% | | 0.0% | 0.0% | | 0.0% | |
| NonCore ECPT | 0.0% | 0.0% | 0.0% | 0.0% 76.7% | 8.1% | 5.2% 76.7% | 86.7% | 0.0% | 100.0% 76.7% | 100.0% 76.7% |
| % Core | 76.7% | 76.7% | 76.7% | | 76.7% | | 76.7% | 76.7% | | |
| % Noncore % LUAF Allocation | 23.3% 45.2% | 23.3% 3.5% | 23.3% | 23.3% 76.7% | 23.3% 1.9% | 23.3% 1.2% | 23.3% | 23.3% | 23.3% | 23.3% 100.0% |
| /0 LOAF AIIUCAUUII | 45.2% | 3.5% | 20.176 | 10.170 | 1.970 | 1.270 | ZU.Z70 | ∠1.470 | 23.3% | 100.0% |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) Direct | 2,943 | 40 | 1,098 | 4,081 | 59 | 57 | 22 | 79 | 138 | 4,219 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) Direct Res & CCI | 2,943 | | 1,098 | 4,041 | | | | 0 | 0 | 4,041 |
| % CYPD MP Res & CCI | 72.8% | 0.0% | 27.2% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |
| | | | | | | | | | | |

| | | | | | Non Core | | | | Total Non | |
|--|------------------|----------------|-------------|------------------|-----------------------|--------------|----------------------------|-------------------|-------------------|------------------------------|
| | Res | NGV | Core C&I | Total Core | C&I | EG Tier 1 | EG Tier 2 | Total EG | Core | Total Syste |
| Mash ad #2, 76,7% acre @ ECDT /22,2% manage @ ECDT USED | | | | | | | | | | |
| Wethod #3 -76.7% core @ ECPT / 23.3% noncore @ ECPT USED Core ECPT | 58.9% | 4.5% | 36.6% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |
| NonCore ECPT | 0.0% | 0.0% | 0.0% | 0.0% | 8.1% | 5.2% | 86.7% | 0.0% | 100.0% | 100.0% |
| % Core | 76.7% | 76.7% | 76.7% | 76.7% | 76.7% | 76.7% | 76.7% | 76.7% | 76.7% | 76.7% |
| % Noncore | 23.3% | 23.3% | 23.3% | 23.3% | 23.3% | 23.3% | 23.3% | 23.3% | 23.3% | 23.3% |
| % LUAF Allocation | 45.2% | 3.5% | 28.1% | 76.7% | 1.9% | 1.2% | 20.2% | 21.4% | 23.3% | 100.0% |
| 70 EOAI AIRCOGNOTI | 40.270 | 0.570 | 20.176 | 70.770 | 1.570 | 1.270 | 20.270 | 21.470 | 20.070 | 100.07 |
| Calculation of CAT allocation: | | | | | | | | | | |
| AYTP Core Transport Mth/yr | 2,253 | 16,697 | 39,978 | 58,928 | 0 | 0 | 0 | 0 | 0 | 58,928 |
| CAT allocation | 3.8% | 28.3% | 67.8% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.09 |
| | 310,981 | 7,431 | 154,800 | 473,212 | | | | | | |
| Allocators for California Solar Iniative Thermal Memorandum Account (0 | CSITMA): | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | 313,234 | 24,129 | 194,777 | 532,140 | 46,945 | 29,736 | 500,494 | 530,230 | 577,175 | 1,109,31 |
| CARE Participants Mth/y | (54,559) | (546) | 0 | (55,104) | 0 | 0 | 0 | 0 | 0 | (55,10 |
| FERA Participants Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SGIP Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EG Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | (29,736) | (500,494) | (530,230) | (530,230) | (530,23 |
| Constitutionally Exempt Mth/y | (353) | 0 | (6,818) | (7,171) | (2,083) | 0 | 0 | 0 | (2,083) | (9,254 |
| AYTP Mth/yr excl CARE Participant & EOR Mth/y | 258,322 | 23,583 | 187,959 | 469,864 | 44,862 | 0 | 0 | 0 | 44,862 | 514,72 |
| 6 ECPT excl CARE, FERA, SGIP, EG, Constituional Exempt | 50.2% | 4.6% | 36.5% | 91.3% | 8.7% | 0.0% | 0.0% | 0.0% | 8.7% | 100.09 |
| CSI Thermal Program memoradum Account (\$000) | VII.2,V | | | | /0 | /- | | /0 | /• | \$1,638 |
| CSITMA Adder to Volumetric Rate | | | | | | | | | - | \$0.0031 |
| | | | | | | | | | | |
| Allocator for California Air Resources Board AB 32 Admin Fee: | | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | 313,234 | 24,129 | 194,777 | 532,140 | 46,945 | 29,736 | 500,494 | 530,230 | 577,175 | 1,109,3 |
| Less: AB32Fees Exempt Customers Mth/y | 0 | 0 | 0 | 0 | 0 | (345) | (421,536) | (421,881) | (421,881) | (421,88 |
| YTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | 313,234 | 24,129 | 194,777 | 532,140 | 46,945 | 29,391 | 78,959 | 108,350 | 155,294 | 687,43 |
| 6 ECPT AB32 Fee Non-Exempt | 45.6% | 3.5% | 28.3% | 77.4% | 6.8% | 4.3% | 11.5% | 15.8% | 22.6% | 100.09 |
| Allocator for GHG charge: | | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | 313,234 | 24,129 | 194,777 | 532,140 | 46,945 | 29,736 | 500,494 | 530,230 | 577,175 | 1,109,31 |
| Less: GHG Charge Exempt Customers Mth/y | 0 | 0 | 0 | 0 | (18,389) | (1,429) | (495,830) | (497,259) | (515,648) | (515,64 |
| AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y | 313,234 | 24,129 | 194,777 | 532,140 | 28,556 | 28,307 | 4,665 | 32,971 | 61,527 | 593,66 |
| % ECPT GHG Fee Non-Exempt | 52.8% | 4.1% | 32.8% | 89.6% | 4.8% | 4.8% | 0.8% | 5.6% | 10.4% | 100.09 |
| Allocator for SGPMA (TCAP Proposal): | | | | | Direct | \$6,900,054 | - | | | |
| 3 Year Total Program Participation | | | | | ECPT | \$386,964 | \$6,513,090 | | | |
| %SGPMA | \$34,564 | | \$936,060 | \$970,624 | | \$386,964 | \$6,513,090 | | \$6,900,054 | \$7,870 |
| DLD DIRECT Demand Forecast | 0.4% | 0.0% | 11.9% | 12.3% | 0.0% | 4.9% | 82.8% | 0.0% | 87.7% | 100.09 |
| ransmission | | | | | | | | | | |
| Average Year Throughput (MTh) | 0 | 0 | 0 | 0 | 17,168 | 2,071 | 572,004 | 574,075 | 591,243 | 591,24 |
| cold Year Throughput (1-in-35) (MTh) | 0 | ō | 0 | Ō | 17,168 | 2,071 | 572,004 | 574,075 | 591,243 | 591,24 |
| cold Year Peak Month (December) (MTh) | 0 | 0 | 0 | 0 | 1,516 | 166 | 53,795 | 53,961 | 55,477 | 55,477 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 0 | ō | 0 | Ö | 49 | 19 | 1,968 | 1,987 | 2,036 | 2,036 |
| lumber of Customers | 0 | 0 | 0 | Ō | 10 | 5 | 13 | 18 | 27 | 27 |
| ligh Pressure | • | - | - | - | | - | | | | |
| Average Year Throughput (MTh) | 93 | 11,340 | 3,429 | 14,862 | 7,630 | 4,914 | 68,276 | 73,190 | 80,820 | 95,681 |
| Cold Year Throughput (1-in-35) (MTh) | 102 | 11,340 | 3,561 | 15,003 | 7,630 | 4,914 | 68,276 | 73,190 | 80,820 | 95,823 |
| Cold Year Peak Month (December) (MTh) | 15 | 984 | 383 | 1,382 | 674 | 388 | 5,744 | 6,133 | 6,806 | 8,188 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 1 | 32 | 17 | 49 | 22 | 22 | 185 | 207 | 229 | 278 |
| lumber of Customers | 1 | 8 | 6 | 15 | 9 | 6 | 5 | 11 | 20 | 35 |
| ledium Pressure | | 3 | • | | • | Ü | • | | , | 55 |
| verage Year Throughput (MTh) | 319,890 | 7,162 | 179,231 | 506,282 | 20,177 | 14,297 | 8,320 | 22,617 | 42,794 | 549,07 |
| old Year Throughput (MTh) | 354,096 | 7,162 7,162 | 186,126 | 547,383 | 20,177 | 14,297 | 8,320 | 22,617 | 42,794 42,794 | 549,07 590,17 |
| Cold Year Peak Month (December) (MTh) | 51,518 | 622 | 19,998 | 72,138 | 1,781 | 1,203 | 700 | 1,903 | 3,684 | 75,822 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 2,911 | 20 | 879 | 72,136 3,810 | 57 | 39 | 23 | 61 | 119 | 3,928 |
| lumber of Customers | 2,911 884,623 | 30 30 | 30,259 | 3,810 914,912 | 33 | 39 40 | 23 2 | 61 42 | 75 | 3,928 914,98 |
| | - | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| ransmission | _ | - | | | 49.6 | E 07: | 450.555 | 101 5 | | |
| Fransmission Average Year Throughput (MTh) | 0 | 0 | 0 | 0 | 17,569 | 5,074 | 456,289 | 461,363 | 478,932 | |
| Fransmission Average Year Throughput (MTh) Cold Year Throughput (1-in-35) (MTh) | 0 | 0 | 0 | 0 | 17,569 | 5,074 | 456,289 | 461,363 | 478,932 | 478,932 |
| NEW DIRECT Demand Forecast Transmission Average Year Throughput (MTh) Cold Year Throughput (1-in-35) (MTh) Cold Year Peak Month (December) (MTh) | 0 0 | 0 | 0 | 0 0 | 17,569 1,477 | 5,074 191 | 456,289 35,479 | 461,363 35,670 | 478,932 37,147 | 478,932 478,932 37,147 |
| Fransmission Average Year Throughput (MTh) Cold Year Throughput (1-in-35) (MTh) | 0 | 0 | 0 0 0 | 0 0 0 | 17,569 1,477 48 | 5,074 | 456,289 35,479 1,684 | 461,363 | 478,932 | 478,932 |

| 2020 TCAP Application | | | | | | | | | | |
|--|--|--|--|--|---|--|--|------------------------------------|---|---|
| | Res | NGV | Core C&I | Total Core | Non Core C&I | EG Tier 1 | EG Tier 2 | Total EG | Total Non Core | Total Syst |
| ligh Pressure | | | | | | | | | | |
| verage Year Throughput (MTh) | 67 | 8,874 | 3,116 | 12,057 | 7,497 | 3,531 | 36,209 | 39,740 | 47,237 | 59,294 |
| Cold Year Throughput (1-in-35) (MTh) | 74 | 8,874 | 3,251 | 12,199 | 7,497 | 3,531 | 36,209 | 39,740 | 47,237 | 59,436 |
| Cold Year Peak Month (December) (MTh) | 11 | 721 | 373 | 1,105 | 630 | 287 | 3,027 | 3,314 | 3,944 | 5,049 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 1 | 23 | 18 | 42 | 20 | 9 | 98 | 107 | 127 | 169 |
| lumber of Customers | 2 | 4 | 5 | 11 | 9 | 5 | 4 | 9 | 18 | 29 |
| ledium Pressure | | | | | | | | | | |
| verage Year Throughput (MTh) | 313,167 | 15,255 | 191,661 | 520,083 | 21,879 | 21,131 | 7,997 | 29,127 | 51,006 | 571,08 |
| Cold Year Throughput (1-in-35) (MTh) | 343,334 | 15,255 | 199,985 | 558,574 | 21,879 | 21,131 | 7,997 | 29,127 | 51,006 | 609,58 |
| Cold Year Peak Month (December) (MTh) | 50,177 | 1,239 | 22,957 | 74,374 | 1,839 | 1,767 | 669 | 2,435 | 4,275 | 78,649 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 2,943 | 40 | 1,098 | 4,081 | 59 | 57 | 22 | 79 | 138 | 4,219 |
| umber of Customers | 874,065 | 24 | 30,932 | 905,021 | 35 | 64 | 2 | 66 | 101 | 905,12 |
| | | | | | | | | | | |
| Old Demand Forecast | | | | | | | | | | |
| AT Customers: AYTP Core Transport Mth/yr | 2,764 | 11,765 | 35,463 | 49,992 | 0 | 0 | 0 | 0 | 0 | 49,992 |
| ATTP Core transport withy | 2,764 | 11,700 | 35,463 | 49,992 | U | U | U | U | U | 49,99 |
| ew Demand Forecast | | | | | | | | | | |
| CAT Customers: | 0.050 | 40.00= | | F0.000 | | | | | | =0 |
| AYTP Core Transport Mth/yr | 2,253 | 16,697 | 39,978 | 58,928 | 0 | 0 | 0 | 0 | 0 | 58,92 |
| alculation of LUAF Allocator: | | | | | | | | | | |
| % Core | | | | | | | | | | |
| DID TCAP | | | | | | | | | | |
| % Core | 76.71% | | | | | | | | | |
| 70 0010 | 70.7170 | | | | | | | | | |
| lew TCAP | | | | | | | | | | |
| % Core | 76.71% | | | | | | | | | |
| | | | | | | | | | | |
| Illocator for GHG charge: | 0 | 0 | 0 | 0 | (17,918) | (1,033) | (640,518) | (641,551) | (659,469) | (659,46 |
| urrent Less: GHG Charge Exempt Customers Mth/y | 0 | 0 | 0 | 0 | (17,918) | (1,033) | (640,518) | (641,551) | (659,469) | (659,46 |
| current Less: GHG Charge Exempt Customers Mth/y Irroposed | | | | | | | | | | |
| Current Less: GHG Charge Exempt Customers Mth/y Proposed Less: GHG Charge Exempt Customers Mth/y | 0 | 0 | 0 | 0 | (17,918) | (1,033) | (640,518) (495,830) | (641,551) (497,259) | (659,469) (515,648) | - |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed | | | | | | | | (497,259) | | - |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI | 0 | | | | | | (495,830) | (497,259) | | - |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITi | 0 | | 0 | 0 | | (1,429) | (495,830) | (497,259) | | (515,64 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y | 0 MA) : | 0 | | | (18,389) | | (495,830) 345.2333333 | (497,259) | (515,648) | (515,6 ² |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y FERA Participants Mth/y | 0 WA): (61,319) | 0 | 0 0 0 | (61,319) | (18,389) | (1,429) | (495,830) 345.23333333 | (497,259) | (515,648) | (515,64 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Inlative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y FERA Participants Mth/y SGIP Exempt Mth/y | 0 WA): (61,319) 0 | 0 0 0 0 | 0 0 0 0 | (61,319) 0 0 | (18,389) 0 0 | (1,429) 0 0 | (495,830) 345.2333333 0 0 0 | (497,259) 0 0 | (515,648) 0 0 | (515,64 (61,31 0 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y SGIP Exempt Mth/y EG Exempt Mth/y | 0 WA): (61,319) 0 | 0 0 0 | 0 0 0 | 0 (61,319) 0 | (18,389) 0 0 | (1,429) 0 0 | (495,830) 345.2333333 0 0 | (497,259) | (515,648) 0 0 | (515,64 (61,31 0 0 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y SGIP Exempt Mth/y EG Exempt Mth/y | 0 MA): (61,319) 0 0 | 0 0 0 0 0 | 0 0 0 0 | 0 (61,319) 0 0 | (18,389) 0 0 0 | (1,429) 0 0 0 | (495,830) 345.2333333 0 0 0 | (497,259) 0 0 0 | (515,648) 0 0 0 | (515,64 (61,31 0 0 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITi urrent CARE Participants Mth/y FERA Participants Mth/y SGIP Exempt Mth/y EG Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y | 0 WA): (61,319) 0 0 0 (615) | 0 0 0 0 0 (7,093) | 0 0 0 0 | 0 (61,319) 0 0 | (18,389) 0 0 0 | (1,429) 0 0 0 | (495,830) 345.2333333 0 0 0 | (497,259) 0 0 0 | (515,648) 0 0 0 | (61,31 0 0 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITi urrent CARE Participants Mth/y FERA Participants Mth/y SGIP Exempt Mth/y EG Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y | 0 MA): (61,319) 0 0 | 0 0 0 0 0 | 0 0 0 0 | 0 (61,319) 0 0 | (18,389) 0 0 0 | (1,429) 0 0 0 | (495,830) 345.2333333 0 0 0 | (497,259) 0 0 0 | (515,648) 0 0 0 | (61,31 0 0 0 (10,37 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y FERA Participants Mth/y EG Exempt Mth/y EG Exempt Mth/y Constitutionally Exempt Mth/y roposed CARE Participants Mth/y | 0 WA): (61,319) 0 0 0 (615) | 0 0 0 0 0 (7,093) | 0 0 0 0 0 (11) | 0 (61,319) 0 0 0 (7,719) | (18,389) 0 0 0 0 0 (2,653) | (1,429) 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 | (497,259) 0 0 0 0 | (515,648) 0 0 0 0 0 (2,653) | (61,31 0 0 0 (10,37 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y FERA Participants Mth/y SGIP Exempt Mth/y Constitutionally Exempt Mth/y roposed CARE Participants Mth/y FERA Participants Mth/y FERA Participants Mth/y | 0 MA): (61,319) 0 0 0 (615) | 0 0 0 0 0 (7,093) | 0 0 0 0 0 (11) | 0 (61,319) 0 0 (7,719) | (18,389) 0 0 0 0 (2,653) | (1,429) 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 0 0 | (497,259) 0 0 0 0 | (515,648) 0 0 0 0 (2,653) | (61,31 0 0 (10,37 |
| Ilocator for GHG charge: urrent .ess: GHG Charge Exempt Customers Mth/y oposed .ess: GHG Charge Exempt Customers Mth/y llocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent .ARE Participants Mth/y .ERA Participants Mth/y .GGIP Exempt Mth/y .Constitutionally Exempt Mth/y .Oposed .ARE Participants Mth/y .Oposed .ARE Participants Mth/y .ERA Participants Mth/y .ERA Participants Mth/y .CONSTITUTION OF THE PARTICIPANTS MTH/Y .ERA Participants Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y | 0 WA): (61,319) 0 0 0 (615) (54,559) | 0 0 0 0 0 (7,093) | 0 0 0 0 0 0 (11) | (61,319) 0 0 0 (7,719) (55,104) | (18,389) 0 0 0 0 0 (2,653) | (1,429) 0 0 0 0 0 | (495,830) 345.23333333 0 0 0 0 0 0 0 | (497,259) 0 0 0 0 0 | (515,648) 0 0 0 0 0 (2,653) | (61,31 0 0 (10,37 |
| Ilocator for GHG charge: Jurrent Jurr | 0 WA): (61,319) 0 0 (615) (54,559) 0 | 0 0 0 0 (7,093) | 0 0 0 0 0 (11) | (61,319) 0 0 0 (7,719) (55,104) 0 | (18,389) 0 0 0 0 (2,653) | (1,429) 0 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 0 0 0 0 | (497,259) 0 0 0 0 0 | (515,648) 0 0 0 0 0 (2,653) | (61,31 0 0 (10,37 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent Less Aparticipants Mth/y FERA Participants Mth/y SGIP Exempt Mth/y Constitutionally Exempt Mth/y Toposed CARE Participants Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y | (61,319) 0 0 0 (615) (54,559) 0 | 0 0 0 0 (7,093) (546) 0 | 0 0 0 0 0 (11) | (61,319) 0 0 (7,719) (55,104) 0 | (18,389) 0 0 0 0 (2,653) | (1,429) 0 0 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 0 0 0 0 0 0 | (497,259) 0 0 0 0 0 | (515,648) 0 0 0 0 (2,653) | (61,31 0 0 0 (10,37 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI Urrent CARE Participants Mth/y ERA Participants Mth/y GGIP Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y GGIP Exempt Mth/y CERA Participants Mt | (61,319) 0 0 0 (615) (54,559) 0 | 0 0 0 0 (7,093) (546) 0 | 0 0 0 0 0 (11) | (61,319) 0 0 (7,719) (55,104) 0 | (18,389) 0 0 0 0 (2,653) | (1,429) 0 0 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 0 0 0 0 0 0 | (497,259) 0 0 0 0 0 | (515,648) 0 0 0 0 (2,653) | (515,6 (61,3' 0 0 (10,3' (55,1(0 0 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITi urrent CARE Participants Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y Constitutionally Exempt Mth/y roposed CARE Participants Mth/y SGIP Exempt Mth/y Constitutionally Exempt Mth/y roposed CARE Participants Mth/y SGIP Exempt Mth/y Constitutionally Exempt Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y Constitutionally Exempt Mth/y SID Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y | (61,319) 0 0 0 (615) (54,559) 0 | 0 0 0 0 (7,093) (546) 0 | 0 0 0 0 0 (11) | (61,319) 0 0 (7,719) (55,104) 0 | (18,389) 0 0 0 0 (2,653) | (1,429) 0 0 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 0 0 0 0 0 0 | (497,259) 0 0 0 0 0 | (515,648) 0 0 0 0 (2,653) | (515,6 (61,3' 0 0 (10,3' (55,1(0 0 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y llocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y ERA Participants Mth/y EGE Exempt Mth/y Constitutionally Exempt Mth/y roposed CARE Participants Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y roposed CARE Participants Mth/y FERA Participants Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y | (61,319) 0 0 0 (615) (54,559) 0 0 0 (353) | 0 0 0 0 (7,093) (546) 0 0 | 0 0 0 0 (11) | (61,319) 0 0 (7,719) (55,104) 0 0 (7,171) | (18,389) 0 0 0 0 (2,653) 0 0 0 (2,083) | (1,429) 0 0 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 0 0 0 0 0 0 | (497,259) 0 0 0 0 0 | (515,648) 0 0 0 0 (2,653) | (515,6 (61,3' 0 0 (10,3' (55,1(0 0 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITi urrent DARE Participants Mth/y FERA Participants Mth/y SGIP Exempt Mth/y Constitutionally Exempt Mth/y Toposed CARE Participants Mth/y SGIP Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Illocator for California Air Resources Board AB 32 Admin Fee: urrent Less: AB32Fees Exempt Customers Mth/y | (61,319) 0 0 0 (615) (54,559) 0 0 (353) | 0 0 0 0 (7,093) (546) 0 0 | 0 0 0 0 0 (11) | (61,319) 0 0 (7,719) (55,104) 0 0 (7,171) | (18,389) 0 0 0 0 (2,653) | (1,429) 0 0 0 0 0 0 0 0 0 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 0 0 0 0 (477,724) | (497,259) 0 0 0 0 0 | (515,648) 0 0 0 0 (2,653) | (515,6- (61,31 0 0 (10,37 (55,10 0 0 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y FERA Participants Mth/y SGIP Exempt Mth/y GG Exempt Mth/y Constitutionally Exempt Mth/y | (61,319) 0 0 0 (615) (54,559) 0 0 0 (353) | 0 0 0 0 (7,093) (546) 0 0 | 0 0 0 0 (11) 0 0 0 (6,818) | (61,319) 0 0 (7,719) (55,104) 0 0 (7,171) | (18,389) 0 0 0 0 (2,653) | (1,429) 0 0 0 0 0 0 0 0 0 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 0 0 0 (477,724) | (497,259) 0 0 0 0 0 | (515,648) 0 0 0 0 (2,653) | (61,31 0 0 0 (10,37 |

Cost Allocation Model Results

2020 TCAP Application

Procedure:

#1) Input from Cost Allocation Tab

#2) Transition Adjustments by Year

#3) Transition Adjustments Added to Customer Cost - output to Cost Alloc tab

| | | Res | NGV | Core C&I | Total Core | Total NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | NCCI-D |
|---|---------------|---------------|---------|----------|------------|------------|-----------|-----------|----------|------------------|-----------------|---------|
| #1) Input from Cost Allocation Tab | | | | | | | | | | | | |
| Customer Related Costs | | \$163,561 | \$24 | \$10,782 | \$174,366 | \$104 | \$121 | \$30 | \$151 | \$255 | \$174,622 | \$87 |
| Medium Pressure Distribution Costs | | \$61,989 | \$842 | \$23,115 | \$85,945 | \$1,250 | \$1,200 | \$454 | \$1,654 | \$2,904 | \$88,849 | \$1,250 |
| High Pressure Distribution Costs | | \$12,304 | \$264 | \$4,662 | \$17,230 | \$333 | \$277 | \$498 | \$775 | \$1,108 | \$18,338 | \$333 |
| Backbone Transmission Costs | \$40,564 | \$12,135 | \$853 | \$7,182 | \$20,169 | \$1,659 | \$1,051 | \$17,686 | \$18,736 | \$20,395 | \$40,564 | \$1,038 |
| Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Borrego | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Seasonal Storage | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NGV | | \$0 | \$647 | \$0 | \$647 | \$0 | \$0 | \$0 | \$0 | \$0 | \$647 | \$0 |
| Total Margin Allocation w/o SI, w/FAR, FF&U, Seas | \$40,564 | \$249,988 | \$2,630 | \$45,739 | \$298,357 | \$3,346 | \$2,649 | \$18,668 | \$21,317 | \$24,663 | \$323,020 | \$2,707 |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U | as % total | 77.4% | 0.8% | 14.2% | 92.4% | 1.0% | 0.8% | 5.8% | 6.6% | 7.6% | 100.0% | 0.8% |
| #2) Transition Adjustments by Year Amount of Adjustments to include in Proposal 2020 TCA | Р | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| #3) Transition Adjustments Added to Customer Cost | - output to C | ost Alloc tab | | | | | | | | | | |
| Customer Related Costs | | \$163,561 | \$24 | \$10,782 | \$174,366 | \$104 | \$121 | \$30 | \$151 | \$255 | \$174,622 | \$87 |
| Medium Pressure Distribution Costs | | \$61,989 | \$842 | \$23,115 | \$85,945 | \$1,250 | \$1,200 | \$454 | \$1,654 | \$2,904 | \$88,849 | \$1,250 |
| High Pressure Distribution Costs | | \$12,304 | \$264 | \$4,662 | \$17,230 | \$333 | \$277 | \$498 | \$775 | \$1,108 | \$18,338 | \$333 |
| Backbone Transmission Costs | | \$12,135 | \$853 | \$7,182 | \$20,169 | \$1,659 | \$1,051 | \$17,686 | \$18,736 | \$20,395 | \$40,564 | \$1,038 |
| Local Transmission Costs | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Borrego | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Seasonal Storage | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NGV | | \$0 | \$647 | \$0 | \$647 | \$0 | \$0 | \$0 | \$0 | \$0 | \$647 | \$0 |
| Total Margin Allocation w/o SI, w/FAR, FF&U, Season | Storage | \$249,988 | \$2,630 | \$45,739 | \$298,357 | \$3,346 | \$2,649 | \$18,668 | \$21,317 | \$24,663 | \$323,020 | \$2,707 |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U | as % total | 77.4% | 0.8% | 14.2% | 92.4% | 1.0% | 0.8% | 5.8% | 6.6% | 7.6% | 100.0% | 0.8% |

Cost Allocation Model Results

2020 TCAP Application

Procedure:

#1) Input from Cost Allocation Tab

#2) Transition Adjustments by Year

#3) Transition Adjustments Added to Customer Cost -

| | | | EG Tier 1 | EG Tier 2 | EG Tier 1 | EG Tier 2 | EG | | | | | |
|--|--------|------------|-----------|-----------|-----------|-----------|----------|----------|-------------|------------------|--------------------------|------------------------|
| - | NCCI-T | Total NCCI | Dist | Dist | Trans | Trans | Trans | Total EG | SOURCE | | _ | |
| #1) Input from Cost Allocation Tab | | | | | | | | | | | | |
| Customer Related Costs | \$18 | \$104 | \$116 | \$10 | \$5 | \$20 | \$25 | \$151 | Cost Alloca | ition Tab | | |
| Medium Pressure Distribution Costs | \$0 | \$1,250 | \$1,200 | \$454 | \$0 | \$0 | \$0 | \$1,654 | Cost Alloca | ition Tab | | |
| High Pressure Distribution Costs | \$0 | \$333 | \$277 | \$498 | \$0 | \$0 | \$0 | \$775 | Cost Alloca | ition Tab | | |
| Backbone Transmission Costs | \$621 | \$1,659 | \$871 | \$1,562 | \$179 | \$16,124 | \$16,303 | \$18,736 | Cost Alloca | ition Tab | | |
| Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Cost Alloca | ition Tab | | |
| Storage - Borrego | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Cost Alloca | ition Tab | | |
| Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Cost Alloca | ition Tab | | |
| Storage - Load Balancing | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Cost Alloca | ition Tab | | |
| NGV | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Cost Alloca | ition Tab | | |
| Total Margin Allocation w/o SI, w/FAR, FF&U, Seas | \$639 | \$3,346 | \$2,464 | \$2,525 | \$184 | \$16,144 | \$16,328 | \$21,317 | | | | |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF& | 0.2% | 1.0% | 0.8% | 0.8% | 0.1% | 5.0% | 5.1% | 6.6% | | | | |
| #2) Transition Adjustments by Year | | | | | | | | | NCCI-D | NCCI-T 17,569 | EG-T Tier 1 5,074 | EG-T Tier 2 456,289 |
| "2) Transmon Adjustments by Tear | | | | | | | | | 0% | 4% | 1% | 95% |
| Amount of Adjustments to include in Proposal 2020 TC | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | | | |
| #3) Transition Adjustments Added to Customer Co | | | | | | | | | | | | |
| Customer Related Costs | \$18 | \$104 | \$116 | \$10 | \$5 | \$20 | \$25 | \$151 | | | | |
| Medium Pressure Distribution Costs | \$0 | \$1,250 | \$1,200 | \$454 | \$0 | \$0 | \$0 | \$1,654 | | | | |
| High Pressure Distribution Costs | \$0 | \$333 | \$277 | \$498 | \$0 | \$0 | \$0 | \$775 | | | | |
| Backbone Transmission Costs | \$621 | \$1,659 | \$871 | \$1,562 | \$179 | \$16,124 | \$16,303 | \$18,736 | | | | |
| Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | | | |
| Storage - Borrego | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | | | |
| Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | | | |
| Storage - Load Balancing | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | | | |
| NGV | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | | | |
| Total Margin Allocation w/o SI, w/FAR, FF&U, Seas | \$639 | \$3,346 | \$2,464 | \$2,525 | \$184 | \$16,144 | \$16,328 | \$21,317 | | | | |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF& | 0.2% | 1.0% | 0.8% | 0.8% | 0.1% | 5.0% | 5.1% | 6.6% | | | | |

Cost Allocation Model Results

2020 TCAP Application

Procedure:

#1) Input from Cost Allocation Tab

#2) Transition Adjustments by Year

#3) Transition Adjustments Added to Customer Cost -

#1) Input from Cost Allocation Tab

Customer Related Costs

Medium Pressure Distribution Costs

High Pressure Distribution Costs

#2) Transition Adjustments by Year

Backbone Transmission Costs

Local Transmission Costs

Storage - Borrego

Core Seasonal Storage

Storage - Load Balancing

NGV

Total Margin Allocation w/o SI, w/FAR, FF&U, Seas

Total Margin Allocation w/o SI or Fuel Use, W/ FF&

Total

478,932

100%

Amount of Adjustments to include in Proposal 2020 TC

#3) Transition Adjustments Added to Customer Co

Customer Related Costs

Medium Pressure Distribution Costs

High Pressure Distribution Costs

Backbone Transmission Costs

Local Transmission Costs

Storage - Borrego

Core Seasonal Storage

Storage - Load Balancing

Clorage Loda Balarion

NGV

Total Margin Allocation w/o SI, w/FAR, FF&U, Seas

Total Margin Allocation w/o SI or Fuel Use, W/ FF&

Miscellaneous Inputs

2020 TCAP Application

Calculation of UnAccounted For Gas:

UAF Volumes Mth/yr 6,315 TCAP
System AYTP Mth/yr 1,109,315 Alloc Factors

 % UAF
 0.569%

 Citygate price \$/dth
 \$2.77

 UAF \$/yr
 \$1,748

Sempra Utilities Retail CORE Commodity Weighted-Average-Cost-of-Gas (SoCal Citygate) for Purchases

Gas Cost \$/dth \$2.77 TCAP 2020

BTU Factor

1.0397 Mbtu/cf Demand FC

1,040 Mbtu/mcf 1 th = 100,000 BTUs 1,000 Mth = 100,000MBTUs

Calculation of Brokerage Fee:

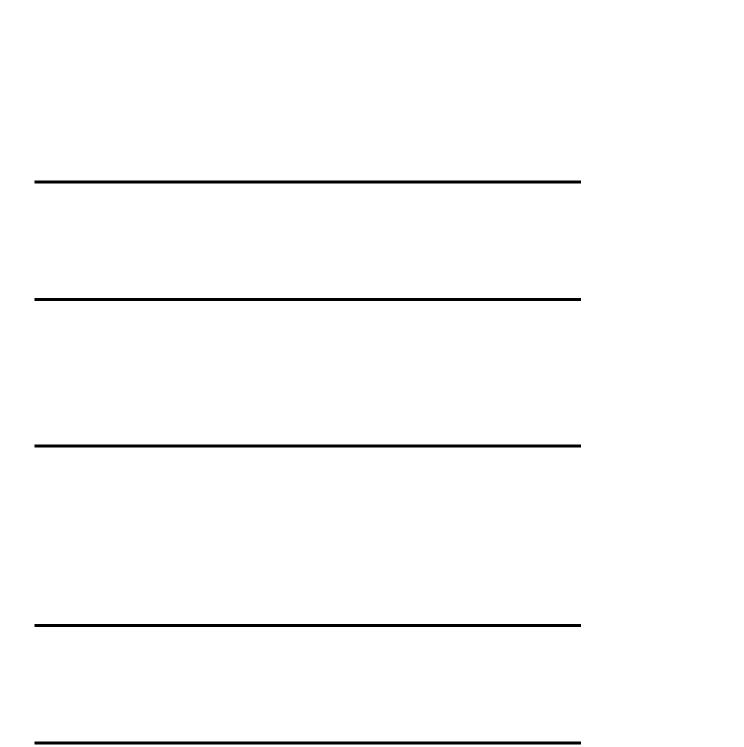
| | | TCAP | |
|------------------------------------|-------|-----------|-------|
| Core Broker Fee Rate \$/th | | \$0.00207 | |
| Core AYTP Mth/yr | | 473,212 | Sales |
| | | \$980 | |
| FFU | 2.29% | \$22 | |
| Core Broker Fee w/FFU \$000 | | \$1,002 | |
| Core Broker Fee Rate \$/th without | t FFU | \$0.00207 | |
| FFU | | 1.017 | |
| Core Broker Fee w/FFU \$/th | | \$0.00211 | |
| | | | |

Calculation of Company Use Other \$/therm:

Co Use Other usage (Mth) 466 TCAP D.16-10-004

 SoCal Citygate \$/th
 \$0.277

 Co Use \$000
 \$129



| FFU Rates & Example Calculation: | | SDGEgas | s Source | |
|--|--|-----------|--------------|--|
| Gross Revenue Billed | <u>. </u> | \$100.000 | 2016 GRC | |
| Uncollectable | 0.17400% | \$0.170 | 2016 GRC | |
| Franchise Rate | 2.07270% | \$2.073 | 2016 GRC | |
| Net Revenue | • | \$97.757 | - | |
| if I want this net revenue | | \$97.757 | | |
| Net to Gross= Gross Revenue/Net revenue = | | 102.2946% | | |
| then I need to bill this amount | - | \$100.000 | _ | |
| If I bill this amount | | \$100.00 | | |
| Gross-to-Net = Net Revenue/Gross Revenue | | 97.7569% | | |
| then I will get this net revenue | - | \$97.757 | _ | |
| If I bill this amount | | \$100.00 | | |
| Gross to Net = 1-(Net Revenue/Gross Revenue) = | | 2.2431% | | |
| then I will get this net revenue | - | \$97.757 | _ | |

SDG&E - Citygas Gas price for LUAF (\$/mmbtu)

SDG&E Core Procurement Price \$/th

| SoCal Border price | \$0.24430 |
|---|------------|
| Brokerage Fee | \$0.00207 |
| Subtotal | \$0.24637 |
| FFU | 102.2946% |
| Subtotal with FFU | \$0.25203 |
| Backbone Transmission Service \$/th/day | \$0.026245 |
| SDG&E Gas Procurement (\$/th) | \$0.27827 |

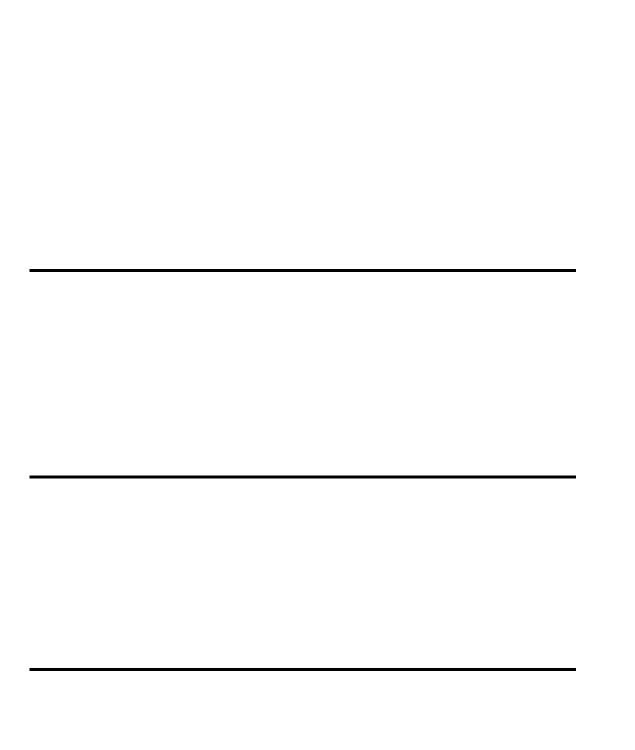
SDG&E - Gas price for G-CP for Residential Bill (\$/mmbtu)

SDG&E Core Procurement Price \$/th

| SoCal Border price | \$0.24430 |
|---|------------|
| Brokerage Fee | \$0.00207 |
| Subtotal | \$0.24637 |
| FFU | 102.2946% |
| Subtotal with FFU | \$0.25203 |
| Backbone Transmission Service \$/th/day | \$0.026245 |
| SDG&E Gas Procurement (\$/th) | \$0.27827 |

SDG&E AB 32 Admin Fees

Summary of Rate Adder Components



| AB32 Fees (subtracted from base margin and allocated here) | \$573 | \$0.00083 | 100% |
|--|-----------|-----------|------|
| Environmental Fee Memorandum Account EFMA | \$0 | \$0.00000 | 0% |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0.00000 | 0% |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0.00000 | 0% |
| Total | \$573 | | 100% |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | 687,435 | | |
| Rate Adder \$/th | \$0.00083 | \$0.00083 | |

AB 32 Admin Fee Components from Cost Alloc

| | Res | NGV | Core C&I | Total Core | NCCI |
|--|-----------|-----------|-----------|------------|-----------|
| AB32 Fees (subtracted from base margin and allocated here) | \$261 | \$20 | \$162 | \$443 | \$39 |
| Environmental Fee Memorandum Account EFMA | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$261 | \$20 | \$162 | \$443 | \$39 |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | 313,234 | 24,129 | 194,777 | 532,140 | 46,945 |
| Rate Adder \$/th | \$0.00083 | \$0.00083 | \$0.00083 | \$0.00083 | \$0.00083 |

AB 32 Admin Fee Components from NCCI Detail Alloc

| | NCCI-D | NCCI-T | Total Allocated to NCCI | Source |
|--|-----------|-----------|-------------------------|------------|
| AB32 Fees (subtracted from base margin and allocated here) | \$24 | \$15 | \$39 | Cost Alloc |
| Environmental Fee Memorandum Account EFMA | \$0 | \$0 | \$0 | Cost Alloc |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0 | \$0 | Cost Alloc |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | Cost Alloc |
| Total | \$24 | \$15 | \$39 | |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | 29,376 | 17,569 | 46,945 | Cost Alloc |
| Rate Adder | \$0.00083 | \$0.00083 | \$0.00083 | |

AB 32 Admin Fee Components from EG Detail Alloc

| | EG-D-T1 | EG-D-T2 | EG-T | Total EG |
|--|-----------|-----------|-----------|-----------|
| AB32 Fees (subtracted from base margin and allocated here) | \$20 | \$37 | \$33 | \$90 |
| Environmental Fee Memorandum Account EFMA | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 |
| Total | \$20 | \$37 | \$33 | \$90 |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | 24,560 | 44,206 | 39,584 | 108,350 |
| Rate Adder | \$0.00083 | \$0.00083 | \$0.00083 | \$0.00083 |

GHG Fees

Summary of Rate Adder Components

Rate Adder
System Total Contribution

| | | | | | | Total | |
|-----------|-----------|-----------|-----------|-----------|------------|-----------|--|
| | | | Total | System | F&U Amount | Allocated | |
| EG Tier 1 | EG Tier 2 | Total EG | NonCore | Total | \$000 | \$000 | |
| \$24 | \$66 | \$90 | \$129 | \$573 | \$13 | \$560 | |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| \$24 | \$66 | \$90 | \$129 | \$573 | \$13 | \$560 | |
| 29,391 | 78,959 | 108,350 | 155,294 | 687,435 | | | |
| \$0.00083 | \$0.00083 | \$0.00083 | \$0.00083 | \$0.00083 | <u> </u> | | |

Source

Cost Alloc

Cost Alloc

Cost Alloc

Cost Alloc

Cost Alloc

| Total | \$0 | |
|--|-----------|-----------|
| AYTP Mth/yr GHG Fee Non-Exempt Customers Mth/y | 593,667 | |
| Rate Adder \$/th | \$0.00000 | \$0.00000 |

GHG Fee Components from Cost Alloc

| | Res | NGV | Core C&I | Total Core | NCCI |
|--|-----------|-----------|-------------------------|------------|-------------------|
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 |
| AYTP Mth/yr GHG Fee Non-Exempt Customers Mth/y | 313,234 | 24,129 | 194,777 | 532,140 | 28,556 |
| Rate Adder \$/th | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| GHG Fee Components from NCCI Detail Alloc | | | | | |
| | NCCI-D | NCCI-T | Total Allocated to NCCI | | Source |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | | NCCI Detail Alloc |
| Total | \$0 | \$0 | \$0 | | |
| AYTP Mth/yr GHG Fee Non-Exempt Customers Mth/y | 27,694 | 862 | 28,556 | | NCCI Detail Alloc |
| Rate Adder | \$0.00000 | \$0.00000 | \$0.00000 | - = | |
| GHG Fee Components from EG Detail Alloc | | | | | |
| | EG-D-T1 | EG-D-T2 | EG-T | Total EG | |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | |
| Total | \$0 | \$0 | \$0 | \$0 | |
| AYTP Mth/yr GHG Fee Non-Exempt Customers Mth/y | 23,450 | 4,665 | 4,857 | 32,971 | |
| Rate Adder | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | _ |

| | | | | | | Total | |
|-----------|-----------|-----------|-----------|-----------|------------|-----------|---|
| | | | Total | System | F&U Amount | Allocated | |
| EG Tier 1 | EG Tier 2 | Total EG | NonCore | Total | \$000 | \$000 | |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| 28,307 | 4,665 | 32,971 | 61,527 | 593,667 | | | |
| \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | | | • |

Source EG Detail Alloc

EG Detail Alloc

SDG&E Residential Rate Design 2020 TCAP Application

Procedure:

Calculate revenue from GR rate

Calculate BL rate given total revenue, BL & NBL volumes and NBL/BL ratio

RESULTS of Resid Rate:

| | Customer Charge/ Minimum bill \$/mo | BL \$/th | NBL \$/th | Average Volumetric Rate \$/th | # Customers/Res Units of MM Cust | BL Volume mth/y | NBL Volume mth/yr | Total Volume mth/yr | Customer Charge or Minimum Bill \$000/yr | BL revenue \$000/yr | NBL Revenue \$000/yr | Total Volumetric Revenue \$000/yr | Total Revenue \$000/yr |
|---|--|-----------|-----------|--|---|--------------------|-------------------------|--|---|---------------------------|-------------------------|--|------------------------------|
| Res (Schd GR) | \$10.00 | \$0.48617 | \$1.07317 | \$0.59482 | 874,067 | 255,260 | 57,974 | 313,234 | \$104,888 | \$124,101 | \$62,217 | \$186,318 | \$291,206 |
| Submeter Credit \$/unit/da Submeter Credit \$/unit/da Borrego Revenue Employee Discount (Scho SDFFD | ay (Schd GT) | | | (\$0.26499) (\$0.28570) | , | | | | | | | (\$569) (\$2,722) \$65 (\$367) \$1,330 | ٠, , |
| CAT Adder CSITMA Adder CARB Adder GHG Adder | | | | \$0.00000 \$0.00318 \$0.00083 \$0.00000 | | | | 2,253 258,322 313,234 319,982 | | | | \$0 \$822 \$261 \$0 | \$0 \$822 \$261 \$0 |
| Total Residential | | | | ' | | | | | | | | I | \$290,025 |

| Volumetric Revenue and Volu | ımes Calcula | ation | | Source | |
|--|--------------|-------------------------------------|--------------------------|------------------------|--|
| Total Res Rev \$000 | | \$290,025 | | Cost Alloc | |
| less CAT adder costs | | \$0 | | Cost Alloc | |
| less CSITMA adder costs | | (\$822) | | Cost Alloc | |
| less CARB adder costs | | (\$261) | | Cost Alloc | |
| less GHG adder costs | | \$0 | | Cost Alloc | |
| less Borrego \$000 | | (\$65) | | Borrego | |
| plus Employee Discount \$000 | | \$367 | | 2017 Actual | |
| plus Submeter Credit GS | | \$569 | | | |
| plus Submeter Credit GT | _ | \$2,722 | | | |
| | _ | \$292,535 | | | |
| less SDFFD | 0.455% | (\$1,330) | | SDFFD | |
| Tot. Rev from GR Rate less customer charge rev Vol. Rev from GR Rate | - : | \$291,206 \$104,888 \$186,318 | | | |
| BL Vols Mth/yr NBL Vols Mth/yr GR Volumes Mth/yr | 81.5% - | 255,260 57,974 313,234 | | Alloc Factors | |
| 2020 TCAP Res Vols: BL NBL Total | - | 221,963 50,412 272,375 | 81.5% 18.5% 100.0% | 2020 TCAP 2020 TCAP | |

| Commodity Rate = \$/th total vols Mth/yr Commodity Rev Transport Rev Total rev | \$0.27687 313,234 \$86,726 \$186,318 | Misc Inputs |
|---|---|--|
| NBL/BL Composite Rate Ratio | 1.15 | 2016 TCAP |
| Composite Rate \$/th | \$1.17395 | |
| NBL rate w/commodity = | \$1.35005 | NBL rate =1.15* composite rate BL rate |
| BL rate w/o commodity = | \$0.48617 | |
| NBL rate w/o commodity = | \$1.07317 | |
| Verify Total Revenue: | | |
| Cst. Chg. Revenue | \$104,888 | |
| BL Revenue | \$124,101 | |
| NBL Revenue | \$62,217 | _ |
| | \$291,206 | - |
| plus CAT adder | \$0 | |
| plus CSITMA adder | \$822 | |
| plus CARB adder costs | \$261 | |
| plus GHG adder costs | \$0 | |
| plus Borrego | \$65 | |
| less employee discount | (\$367) | |
| less Submeter Credit GS | (\$569) | |
| less Submeter Credit GT | (\$2,722) | |
| plus SDFFD | \$1,330 | |
| total res reve | \$290,025 | _ |
| verify revenue | \$0 | _ |
| Target | | |

| Calculate Submeter Credit Revenues: | _ | Sched GS, MultiFamily | Sched GT, Mobilehome | | | |
|---|------------------|--------------------------|-------------------------|---------------|---------|------------|
| Based on Current Rate: | | | | | | |
| Number of Res Units Behind Master Me | 5,879 | 26,104 | 2017 Recorded | | | |
| Number of Master Meter Customers | | 224 | 227 | 2017 Recorded | | |
| Number of Res Units per Master Meter Customer | | 26 | 115 | | | |
| Number of Master Meter Customers-Fo | recast | 224 | 227 | 2017 Recorded | | |
| Number of Res Units Behind Master Meter Customers-F | | 5,879 | 26,104 | | | |
| Submeter Credit, \$/day/unit | | (\$0.26499) | (\$0.28570) | 2020TCAP SubN | 1tr Cr | |
| Number of days for subMeter CR = | | 365 | 365 | | | |
| Submeter Credit Revenues \$000/yr = | | | (\$2,722) | | | |
| | | | | | | |
| Calculation of CAT Adder: | | | Source | | | |
| Costs allocated to Res class \$000 | \$0 | | Cost Alloc | | | |
| CAT Volumes Mth | 2,253 | | Alloc Factors | | | |
| | \$0.00000 | | | | | |
| | | | | | | |
| Calculation of CSITMA Adder, Decision | 10-01-022 Januai | ry 21, 2010 | Source | | | |
| Costs allocated to Res class \$000 | \$822 | | Cost Alloc | | | |
| Non Care/FERA Res Volumes Mth/yr | 258,322 | | Misc Inputs | | | |
| | \$0.00318 | | | | | |
| | | | | | | |
| Calculation of CARB Adder: | | | Source | | | |
| Costs allocated to Res class \$000 | \$261 | | Cost Alloc | | | |
| Volumes Mth | 313,234 | | Alloc Factors | | | |
| | \$0.00083 | | | | | |
| | | | | | | |
| Calculation of GHG Adder: | | | Source | | | |
| Costs allocated to Res class \$000 | \$0 | | Cost Alloc | | | |
| Volumes Mth | 319,982 | | Alloc Factors | | | |
| | \$0.00000 | | | | | |
| | | | | | | |
| | | | | | Minimum | |
| Minimum Bill/Ountain Cl | # 404.000 | | | | Charge | 0000 TO 15 |
| Minimum Bil/Customer Charge Revenue | \$104,888 | | | | \$1,041 | 2020 TCAP |
| | | | | | | |
| Customer Charge | | | | | | |
| # of customers | 874,067 | | | | | |
| Customer Charge | \$10 | | | 1040.58589 | | |
| Total Customer charge (\$000) | \$104,888 | | | | | |

SDG&E 2020 TCAP FILING CALCULATION OF LNG SERVICE RATES San Diego Gas & Electric

| | 2017 | 2017 | | | _ | | | |
|---|-----------|----------|-------------------|-----------|-------------------|------------------|------------|-------------|
| | Billing | Borrego | Present Rates | | Proposed Rates | | Ch a a a a | C |
| | Months | Volumes | Rates \$/therm | Revenues | Rates \$/therm | Revenues \$'s | Change | Source |
| WACOG | | (therms) | \$0.27687 | \$'s | \$0.27687 | φѕ | | Misc Inputs |
| GR Baseline w/o WACOG | | | \$0.86668 | | \$0.48617 | | | Rate Tables |
| GR NBL w/o WACOG | | | \$1.04355 | | \$1.07317 | | | Rate Tables |
| SICHBE W/O W/1000 | | | ψ1.0 1000 | | Ψιιονοιν | | | rate rabios |
| GR Baseline w/wacog | 2,788 | 40,666 | \$1.14355 | \$46,504 | \$0.76305 | \$31,030 | | 2020 TCAP |
| GR NBL w/wacog | | 20,709 | \$1.32042 | \$27,345 | \$1.35005 | \$27,958 | | 2020 TCAP |
| GR-LI BL | 727 | 12,646 | \$0.91484 | \$11,569 | \$0.61044 | \$7,720 | | 2020 TCAP |
| GR-LI NBL | | 1,918 | \$1.05634 | \$2,026 | \$1.08004 | \$2,072 | | 2020 TCAP |
| GR total | 3,515 | 75,939 | \$1.15149 | \$87,443 | | \$68,779 | (\$18,664) | |
| | | | | | | | | |
| | | | <u>Present</u> | | <u>Proposed</u> | | | |
| GL-1 Facility Charge (\$/mo.) | | 3,515 | \$14.79 | \$51,988 | \$14.79 | \$51,988 | 0.0% | |
| GL-1 Surcharge \$/th | | 75,939 | \$0.16571 | \$12,583 | \$0.16571 | \$12,583 | 0.0% | |
| | | | | \$64,572 | | \$64,572 | | |
| | | | | | | | | |
| GL-1 Total | | | | \$64,572 | | \$64,572 | 0.0% | |
| LNGSTA Tracking Acct Balance | | | _ | \$0 | _ | | | |
| Grand Total (\$) | | | | \$152,015 | | \$133,351 | | |
| divided by Gas Volumes (therms) | | | _ | 75,939 | _ | 75,939 | | |
| = Average LNG Rate \$/therm | | | | \$2.00181 | | \$1.75603 | | |
| %Change from Present Rates | | | | | | -12.3% | | |
| Grand Total (\$) | | | | \$152,015 | | \$133,351 | | |
| divided by Billing Months | | | | 3,515 | | 3,515 | | |
| = Average Gas LNG Service Bill \$/bill | | | - | \$43.25 | _ | \$37.94 | | |
| plus Electric Service Bill \$/bill | | | _ | \$93.64 | _ | \$93.64 | | 2020 TCAP |
| = Total Service Bills \$/bill | | | | \$136.88 | | \$131.57 | | |
| less All-Electric Service Bill for Borreg | o \$/bill | | _ | \$118.07 | _ | \$118.07 | | 2020 TCAP |
| Difference from All-Electric Bill | | | | \$18.81 | | \$13.50 | | |
| %Change from All-Electric | | | | 15.9% | | 11.4% | | |
| %Change, Total Bill | | l | | 0.0% | | | | |

SDG&E Core C&I Rates

2020 TCAP Application

Procedure

Calculate Customer Charge Revenue

Calculate Volumetric Revenue by Tiers

Volumentric revenue = Total Revenue less Customer Charge revenue difference in rate tiers based on proportional difference in existing tiers

| Results | | Rate \$/mo or \$/th | # Customers | AYTP mth/yr | revenue \$000/yr | Source |
|-----------------------|-------------------------|------------------------|-------------|-------------|---------------------|---------------|
| Customer Ch | narge | \$10.00 | 30,937 | | \$3,712 | Alloc Factors |
| TIER 1 | 0-1000 th/mo | \$0.39272 | | 87,627 | \$34,413 | |
| TIER 2 | 1001-21k th/mo | \$0.23099 | | 88,939 | \$20,544 | |
| TIER 3 | > 21k th/mo | \$0.18530 | | 18,211 | \$3,375 | |
| | | | | | | <u>_</u> |
| Total Volum | netric | \$0.29948 | | 194,777 | \$58,332 | |
| Total Volume SDFFD | etric & Customer Charge | \$0.31854 | | 194,777 | \$62,044 \$360 | |
| Cat Adder | \$/th | \$0.00000 | | 39,978 | \$0 | Alloc Factors |
| CSITMA Ac | dder \$/th | \$0.00318 | | 187,959 | \$598 | Alloc Factors |
| Total CCI | | \$0.32346 | | 194,777 | \$63,002 | _ |

Calculation of Volumetric Rates

| | % difference from Tier 1 | Forecast Vol | Vol Rate Base Margin Items | Vol Rev Base Margin Items \$000 | Vol Rate NonBase Margin Items | Total Vol | Total Vol | Sauraa | |
|--------|-----------------------------|--------------|-------------------------------|---------------------------------------|-------------------------------------|------------|-----------|--------|--|
| | from Her 1 | Mth/yr | \$/th | | \$/th | Rate \$/th | Rev \$000 | Source | |
| Tier 1 | | 87,627 | \$0.28570 | \$25,035 | \$0.10702 | \$0.39272 | \$34,413 | | |
| Tier 2 | 43% | 88,939 | \$0.12397 | \$11,026 | \$0.10702 | \$0.23099 | \$20,544 | | |
| Tier 3 | 27% | 18,211 | \$0.07829 | \$1,426 | \$0.10702 | \$0.18530 | \$3,375 | _ | |
| | | 194,777 | | \$37,487 | | \$0.29948 | \$58,332 | _ | |

| Total Allocated Base Margin Costs less customer charge revenue Plus Non-ECPT items Target Vol Rev \$000 = Vol revenue Check should be \$0 | | \$40,147 (\$3,712) \$1,053 \$37,487 \$0 | _ |
|---|----------------|---|------------|
| Total Allocated Costs less SDFFD | 0.571% | \$63,002 \$360 | Cost Alloc |
| Subtotal Allocated Costs | | \$62,642 | |
| Total Allocated Base Margin Costs | | \$40,147 | Cost Alloc |
| Less CAT costs \$000 | | \$0 | Cost Alloc |
| Less CSITMA Adder \$/th | | \$598 | Cost Alloc |
| Total Allocated NonBase Margin C | osts | \$20,844 | _ |
| Forecast AYTP Mth/yr | | 194,777 | _ |
| Volumetric Rate for NonBaseMarg | in Items \$/th | \$0.10702 | |

Notes:

Rate 1 = [((1*volume1) + *(1*tier 2 % difference*Volume2) + (1*tier 3 % difference*Volume3))*(1/volumetric revenue)]^-1

Rate 2 = Rate 1 * % difference from tier 1

Rate 3 = Rate 1 * % difference from tier 1

Volumetric rates are calculated in 2 parts:

part 1 = base margin less customer charge revenue and is spread amongst the tiers based on current rates.

part 2 = non base margin items and is the same rate for each tier.

Calculation of AYTP by Tier & Band Mth/year

| | | | TIER 3 | TIER 4 | TIER 5 | TIER 6 | | | |
|--|--------|-------------------------|-----------------|----------------------|-----------------------|---------------------|--------------------|---------|---------------|
| | TIER 1 | TIER 2 101-250 th/mo | 251-1k th/mo | 1,001-4,167 th/mo | 4,168-12,500 th/mo | 12,501-21k th/mo | TIER 7 > 21k th/mo | TOTAL | Source |
| 017 Recorded Annual Data Normalized to | | | ui/iiio | tii/iiio | tii/iiio | ui/iiio | > 2 IK (II/IIIO | IOTAL | Source |
| Band 1 0-100 th/yr | 254 | 0 | 0 | 0 | 0 | 0 | 0 | 254 | 2017 Data |
| Band 2 101-300 th/yr | 774 | 7 | 0 | 0 | 0 | 0 | 0 | | 2017 Data |
| Band 3 301-3k th/yr | 5,614 | 2,672 | 815 | 14 | 0 | 0 | 0 | | 2017 Data |
| Band 4 3,001-12k th/yr | 6,834 | 9,859 | 19,908 | 1,165 | 19 | 0 | 0 | , | 2017 Data |
| Band 5 12,001-50k th/yr | 2,670 | 3,977 | 19,136 | 23,532 | 1,085 | 48 | 8 | , | 2017 Data |
| Band 6 50,001-250k th/yr | 552 | 827 | 4,114 | 16,599 | 20,016 | 4,192 | 911 | , | 2017 Data |
| Band 7 > 250k th/yr | 68 | 103 | 513 | 2,164 | 5,628 | 5,413 | 15,436 | | 2017 Data |
| Therm Totals | 16,766 | 17,445 | 44,486 | 43,474 | 26,748 | 9,653 | 16,355 | 174,926 | |
| 014 Recorded Annual Data as % of Total | | | | | | | | | |
| Band 1 0-100 th/yr | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.1% | |
| Band 2 101-300 th/yr | 0.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.4% | |
| 3and 3 301-3k th/yr | 3.2% | 1.5% | 0.5% | 0.0% | 0.0% | 0.0% | 0.0% | 5.2% | |
| Band 4 3,001-12k th/yr | 3.9% | 5.6% | 11.4% | 0.7% | 0.0% | 0.0% | 0.0% | 21.6% | |
| Band 5 12,001-50k th/yr | 1.5% | 2.3% | 10.9% | 13.5% | 0.6% | 0.0% | 0.0% | 28.8% | |
| Band 6 50,001-250k th/yr | 0.3% | 0.5% | 2.4% | 9.5% | 11.4% | 2.4% | 0.5% | 27.0% | |
| Sand 7 > 250k th/yr | 0.0% | 0.1% | 0.3% | 1.2% | 3.2% | 3.1% | 8.8% | 16.8% | |
| herm Totals | 9.6% | 10.0% | 25.4% | 24.9% | 15.3% | 5.5% | 9.3% | 100.0% | - |
| Forecasted AYTP Mth/yr | | | | | | | | 404 777 | Allas fastara |
| Forecasted AYTP for CCI class th/yr | | | | | | | | 194,777 | Alloc factors |
| Band 1 0-100 th/yr | 283 | 0 | 0 | 0 | 0 | 0 | 0 | 283 | |
| and 2 101-300 th/yr | 862 | 8 | 0 | 0 | 0 | 0 | 0 | 870 | |
| Band 3 301-3k th/yr | 6,251 | 2,975 | 908 | 15 | 0 | 0 | 0 | 10,149 | |
| Band 4 3,001-12k th/yr | 7,609 | 10,978 | 22,167 | 1,297 | 21 | 0 | 0 | 42,073 | |
| Band 5 12,001-50k th/yr | 2,973 | 4,428 | 21,307 | 26,202 | 1,208 | 54 | 9 | 56,181 | |
| Band 6 50,001-250k th/yr | 614 | 921 | 4,581 | 18,483 | 22,287 | 4,668 | 1,014 | 52,568 | |
| Band 7 > 250k th/yr | 76 | 114 | 571 | 2,410 | 6,267 | 6,027 | 17,188 | 32,654 | _ |
| otal Forecast AYTP Mth/yr | 18,668 | 19,424 | 49,535 | 48,407 | 29,783 | 10,749 | 18,211 | 194,777 | - |
| Combine Tiers 1+2+3; 4+5+6; 7 | | | | | | | | | |
| otal Forecast AYTP Mth/yr | 87,627 | | | 88,939 | | | 18,211 | 194,777 | |

Calculation of # Customers by Tier & Band

| | TIER 1 | TIER 2 | TIER 3 251-1k | | TIER 5 4,168-12,500 | • | TIER 7 | TOTAL | _ |
|---|----------------|--------------|------------------|--------|------------------------|-------|-------------|---------|-------------------|
| # of Contamon Billshoon in 2047 | 0-100 th/mo 10 | 01-250 tn/mo | th/mo | th/mo | th/mo | th/mo | > 21k th/mo | TOTAL | Source |
| # of Customer Bills/year in 2017 | 44.070 | 0 | 0 | 0 | 0 | 0 | 0 | 44.070 | 0000 TOAD |
| Band 1 0-100 th/yr | 44,079 | 0 | 0 | 0 | 0 | 0 | 0 | , | 2020 TCAP |
| Band 2 101-300 th/yr | 42,254 | 289 | 3 | 0 | 0 | 0 | 0 | | 2020 TCAP |
| Band 3 301-3k th/yr | 52,573 | 27,102 | 6,246 | 51 | 0 | 0 | 0 | , | 2020 TCAP |
| Band 4 3,001-12k th/yr | 2,069 | 4,534 | 59,143 | 3,729 | 11 | 0 | 0 | , | 2020 TCAP |
| Band 5 12,001-50k th/yr | 188 | 217 | 2,945 | 22,429 | 1,012 | 6 | 3 | , | 2020 TCAP |
| Band 6 50,001-250k th/yr | 10 | 8 | 54 | 690 | 3,753 | 832 | 178 | , | 2020 TCAP |
| Band 7 > 250k th/yr | 1 | 0 | 0 | 1 | 18 | 79 | 586 | | _2020 TCAP |
| Total # bills/year | 141,174 | 32,150 | 68,391 | 26,900 | 4,794 | 917 | 767 | 275,093 | |
| 2010 Recorded Data as % of Total | | | | | | | | | |
| Band 1 0-100 th/yr | 16.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 16.0% |) |
| Band 2 101-300 th/yr | 15.4% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 15.5% |) |
| Band 3 301-3k th/yr | 19.1% | 9.9% | 2.3% | 0.0% | 0.0% | 0.0% | 0.0% | 31.3% |) |
| Band 4 3,001-12k th/yr | 0.8% | 1.6% | 21.5% | 1.4% | 0.0% | 0.0% | 0.0% | 25.3% |) |
| Band 5 12,001-50k th/yr | 0.1% | 0.1% | 1.1% | 8.2% | 0.4% | 0.0% | 0.0% | 9.7% |) |
| Band 6 50,001-250k th/yr | 0.0% | 0.0% | 0.0% | 0.3% | 1.4% | 0.3% | 0.1% | 2.0% |) |
| Band 7 > 250k th/yr | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.2% | 0.2% |) |
| | 51.3% | 11.7% | 24.9% | 9.8% | 1.7% | 0.3% | 0.3% | 100.0% | - ' |
| Forecasted # Customers Forecasted # Customers for CCI class | | | | | | | | 30,937 | Alloc factors |
| Band 1 0-100 th/yr | 4,957 | 0 | 0 | 0 | 0 | 0 | 0 | 4,957 | |
| Band 2 101-300 th/yr | 4,752 | 33 | 0 | 0 | 0 | 0 | 0 | 4,785 | |
| Band 3 301-3k th/yr | 5,912 | 3,048 | 702 | 6 | 0 | 0 | 0 | 9,668 | |
| Band 4 3,001-12k th/yr | 233 | 510 | 6,651 | 419 | 1 | 0 | 0 | 7,814 | |
| Band 5 12,001-50k th/yr | 21 | 24 | 331 | 2,522 | 114 | 1 | 0 | 3,014 | |
| Band 6 50,001-250k th/yr | 1 | 1 | 6 | 78 | 422 | 94 | 20 | 621 | |
| Band 7 > 250k th/yr | 0 | 0 | 0 | 0 | 2 | 9 | 66 | 77 | |
| Total Forecast # Customers | 15,876 | 3,616 | 7,691 | 3,025 | 539 | 103 | 86 | 30,937 | - |
| Combine Tiers 1+2+3; 4+5+6; 7 | | | | | | | | | |
| Total Forecast # Customers | 27,183 | | | 3,667 | | | 86 | 30,937 | |

SDGE NGV Cost Allocation

2020 TCAP Application

Procedure:

Rates based on allocated costs divided by AYTP.

SW rate based on combined allocated costs divided by combined AYTP.

| Calculation of Costs Allocated to NGV: | | | Source |
|--|--------|---------|------------|
| NGV Revs on a Pre-Semprawide Basis | | \$3,515 | Cost Alloc |
| Less Compression Costs | | \$647 | Cost Alloc |
| Less SDFFD | 0.193% | \$7 | |
| Less CSITMA Adder \$/th | | \$75 | Cost Alloc |
| Less CARB Adder \$/th | | \$20 | Misc Input |
| Less GHG Adder \$/th | | \$0 | Misc Input |
| Total Transport Rev | | \$2,766 | |

Pre SW Calculation of Compression Adder Rate:

| Pre SW Compression Adder Rate \$/th | \$1.03005 | |
|-------------------------------------|-----------|-----------|
| Compression Volumes mth/yr | 628 | 2020 TCAP |
| EC Compression Costs | \$647 | |

| Calculation of Customer Charge Revenue: | P-1 | P-2A | Total | Source |
|---|---------|---------|---------|--------------------------|
| # Customers | 15 | 13 | 28 | 2020 TCAP/ Alloc Factors |
| Customer Charge \$/mo | \$13.00 | \$65.00 | \$37.46 | |
| Customer Charge Revenue \$000 | \$2 | \$10 | \$12 | |

| Pre-SW Calculation of NGV Transportation Rate: | | Source |
|--|-----------|---------------|
| Total Transport Rev Stand Alone | \$2,766 | |
| Less Customer Charge revenue \$000/yr | \$12 | |
| Volumetric Revenue \$000/yr | \$2,754 | |
| Transportation volumes mth/yr | 24,129 | Alloc Factors |
| Pre-SW NGV Transportation Rate \$/th | \$0.11413 | |

| Post SW Rates: | Uncompressed | Compressed | Total | |
|------------------------------------|--------------|------------|-----------|----------------------------------|
| SW Volumetric Rate w/FFU \$/th | \$0.12583 | \$1.04809 | \$0.14923 | Run Tab - SCG RD model/NGV Rates |
| AYTP Mth/yr | 24,129 | 628 | 24,757 | |
| SW Volumetric Revenue w/FFU \$000 | \$3,036 | \$659 | \$3,695 | |
| plus Customer Charge Revenue w/FFU | \$12 | | \$12 | |
| Post SW Revenue w/FFU | \$3,048 | \$659 | \$3,707 | |
| Pre SW Revenue w/FFU | \$2,766 | \$647 | \$3,413 | |
| SW Adjustment w/FFU | \$282 | \$11 | \$294 | |

Calculation of SDG&E Residential NGV Fuelmaker Rates

2020 TCAP Application

| | | # Res Customers | | |
|-----------------------|-----------|-----------------|-------------|------------------|
| Results of Res Data: | Rate | with Fuel Maker | AYTP Mth/yr | Revenue \$000/yr |
| Customer Charge \$/mo | \$5.00 | 15 | | \$1 |
| Volumetric Rate \$/th | \$1.72275 | | 9 | \$16 |
| | | | | \$17 |

| Calculation of Total Revenue from Res Customers with FM: | | Source |
|---|----------------|---------------|
| Res Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, TLS \$000/yr | \$290,025 | Cost Alloc |
| less CSITMA adder costs | (\$822) | |
| less CARB adder costs | (\$261) | |
| less GHG adder costs | \$0 | |
| | \$288,942 | |
| # Res Customers | 874,067 | Alloc Factors |
| Residential Cost = \$/Customer/year | \$331 | |
| Additional cost for FM = \$/customer/year | <u>\$1,418</u> | |
| Total cost for Res customer with FM = \$/customer/yr | \$1,749 | |
| Total # FM customers | <u>15</u> | |
| Total Revenue from Res Customers with FM=\$000 | \$26 | |
| # Res Customers with FM | 15 | |
| Customer Charge = \$/mo | \$5.00 | |
| Customer Charge Revenue = \$000/yr | \$1 | |
| Volumetric Revenue from Res Customers with FM=\$000 | \$25 | |
| Total Mth/year of Res Customers with FM=Mth/yr | 15 | |
| Vol Transport Rate for Res Customer with FM=\$/th | \$1.72275 | |

| Calculation of Total Mth/year of Res Customers with Fuel Maker ("FM"): | | Source |
|--|---------|---------------|
| Average Residential Th/year: | | |
| Total Residential AYTP=Mth/yr | 313,234 | Alloc Factors |
| # Residential Customer | 874,067 | Alloc Factors |
| Average Residential Th/year | 358 | |
| Additional Th/year for FM: | | |
| Total Fuel Maker Mth/yr | 9 | |
| Total # Fuel Maker customers | 15 | |
| Additional Th/year for Fuel Maker | 622 | |
| Total Th/year for Res Customer with FM = th/yr | 980 | |
| Total # FM customers | 15 | |
| Total Mth/year of Res Customers with FM=Mth/yr | 15 | |

| Calculation of FM therms/year and # FM Customers: | | Source |
|---|-------|-----------|
| FM Usage Per Day Per Home (therm/day) | 1.70 | 2016 Data |
| x avg #days/month | 30.42 | |
| FM Usage Per Day Per Home (therm/month) | 51.83 | |
| Total # Res Customers | | |
| % of Res. Households Having NGV refueling at home | | |
| Total # FM customers | 15 | 2016 Data |
| Total FM Mth/yr | 9.33 | |
| Daily FM volume | 0.03 | |
| Monthly FM volume | 0.78 | |

| Calculation of Additional cost for FM = \$/customer/year: | Additional cost for FM | Source |
|---|------------------------|-----------------------|
| Incremental Customer Costs \$000/yr | | |
| One Time Billing System Costs \$000 | \$100 | |
| Amortization period = years | 5 | |
| Incremental Customer Costs \$000/yr | \$20 | - |
| Incremental MPD Costs \$000/yr | | |
| Res CYPD Mth/d | 2,944 | Alloc Factors |
| FM Est Peak Day Mth/d | 0.0 | |
| FM CYPD as % Res CYPD | 0.00% | |
| Res MPD Costs \$000 | \$61,989 | Cost Allocation |
| Total MPD Costs \$000 | \$1 | - |
| Incremental HPD Costs \$000/yr | | |
| Res CYPM Mth/mo | 50,188 | Alloc Factors |
| FM Est Peak Day Mth/d: | | |
| FM Est CYPM Mth/mo | 1 | |
| FM CYPM as % Res CYPM | 0.00% | |
| Res HPD Costs \$000 | \$12,304 | Cost Allocation |
| Total HPD Costs (\$1,000) | \$0 | - |
| Incremental BBT Costs for FM \$000/yr | w/SI | |
| Res CYTP Mth/yr | 343,408 | Alloc Factors |
| FM Est Peak CYTP Mth/d | 9 | Use AYTP of FM market |
| FM CYTP as % Res CYTP | 0.00% | |
| Res BBT Costs w/SI \$000 | \$0 | Cost Allocation |
| Incremental BBT Costs \$000 | \$0 | - |
| | | |
| Incremental Local-T Costs for FM \$000/yr: | | = . |
| Res CYPM Mth/mo | 50,188 | Alloc Factors |
| FM Est CYPM Mth/mo | 1 | Use AYTP of FM market |
| FM CYPM as % Res CYPM | 0.00% | Q . All |
| Res Local-T Costs w/SI \$000 | \$3,418 | Cost Allocation |
| Incremental Local-T costs \$000 | \$0 | |

| Incremental Storage Costs - Seasonal for FM \$000/yr: Res CYPD Mth/d FM Est Peak Day Mth/d: | 2,944 | Alloc Factors |
|---|---------|-----------------|
| FM Est Peak Day Mth/d | 0.0 | |
| FM Peak Day as % Res Peak Day | 0.00% | |
| Res Stoarage Costs - Seasonal \$000 | \$0 | Cost Allocation |
| Storage Costs - Seasonal for FM \$000 | \$0 | |
| | | |
| Incremental Storage Costs - Load Balancing for FM \$000/yr: | | |
| Res AYTP Mth/y | 313,234 | Alloc Factors |
| FM Est AYTP Mth/y | 9 | |
| FM Peak Day as % Res Peak Day | 0.00% | |
| Res Stoarage Costs - Load Balancing \$000 | \$0 | Cost Allocation |
| Storage Costs - Load Balancing for FM \$000 | \$0 | |
| Incremental Co Use Transmission for FM \$000/yr: | | |
| FM Est AYTP Mth/y | 9 | |
| Co Use Trans rate as % of end use | 0.000% | Misc Input |
| CoUse Trans for FM Mth/yr | 0 | |
| WACOG \$/dth | \$2.77 | Misc Input |
| Co Use Transmission for FM \$000/yr | \$0 | |
| Incremental UAF for FM \$000/yr: | | |
| FM Est AYTP Mth/y | 9 | |
| UAF rate as % of end use | 0.569% | Misc Input |
| UAF for FM Mth/yr | 0.30370 | Wilde Input |
| WACOG \$/dth | \$2.77 | Misc Input |
| UAF for FM \$000/yr | \$0 | |
| Incremental Transport Rev Req w/SI, w/oFFU \$000/yr | \$21 | |
| FFU Rate | 102.29% | Cost Allocation |
| Incremental Transport Rev Reg w/SI, FFU \$000/yr | \$21 | OGT Allocation |
| # FM Customers | 15 | |
| " I W Customore | 10 | |

Additional cost for FM = \$/customer/year

\$1,418

SDG&E NonCore C&I Distribution Rates

2020 TCAP Application

Procedure

Calculate customer charge revenue. Calculate total volumeric revenue.

| | TOTAL | Source |
|--|-----------|----------------------|
| Customer Charge Revenue \$000/yr: | | |
| Forecast # Customers | 44 | NCCI Detail Alloc |
| Customer Chare \$/mo | \$350.00 | |
| Customer Charge Revenue \$000/yr | \$185 | - - |
| Calculation of Total Volumetric Revenue \$000: | | |
| Total Costs Allocated to NCCI-D class \$000/yr | \$2,901 | NCCI Detail Alloc |
| Less Customer Charge Revenue \$000 | \$185 | |
| Less CSITMA Adder \$/th | \$87 | NCCI Detail Alloc |
| Less GHG Adder \$/th | \$0 | NCCI Detail Alloc |
| Volumetric Revenue \$000 | \$2,629 | _ |
| AYTP NCCI-D Mth/yr | 29,376 | NCCI Detail Alloc |
| Volumetric Rate \$/th | \$0.08951 | - |
| | | |
| Total Revenue \$000 | \$2,901 | |
| Average Rate \$/th | \$0.09876 | |

SDG&E EG-D Rates

2020 TCAP Application

Procedure

Allocate costs between EG customers on Distribution and those on Transmission Send EG-Transmission costs to SCG model for Local-T SFV & Vol calculations Calculate EG-Distribution Customer Charge Revenue Calculate EG-Distribution Volumetric Revenue Calculate EG-Distribution Volumetric rates

| | Pre | Sempra Wide | Post Sempra Wide Rates | | | | |
|---|--------|-------------|------------------------|--------|------------|---------|--|
| Summary of EG Distribution Rates: | Mth/yr | Rate \$/th | \$000's | Mth/yr | Rate \$/th | \$000's | |
| EFBA Exempt Rates: | | | | | | | |
| EG Distribution Tier 1: | | | | | | | |
| Customer Charge | 69 | \$50.00 | \$41 | 69 | \$50.00 | \$41 | |
| Volumetric Rate (excl ITCS) | 24,662 | \$0.10536 | \$2,598 | 24,662 | \$0.12880 | \$3,176 | |
| | 24,662 | \$0.10704 | \$2,640 | 24,662 | \$0.13048 | \$3,218 | |
| EG Distribution Tier 2 | | | | | | | |
| Customer Charge | 6 | \$0.00 | \$0 | 6 | \$0.00 | \$0 | |
| Volumetric Rate | 44,206 | \$0.06351 | \$2,808 | 44,206 | \$0.07293 | \$3,224 | |
| | 44,206 | \$0.06351 | \$2,808 | 44,206 | \$0.07293 | \$3,224 | |
| EG Distribution EFBA & GHG Exempt Customers | 68,867 | \$0.07910 | \$5,447 | 68,867 | \$0.09353 | \$6,441 | |
| EFBA & GHG Non-Exempt Rates: | | | | | | | |
| EFBA Cost Adder | 68,765 | \$0.00083 | \$57 | 68,765 | 0.00083 | \$57 | |
| GHG Cost Adder | 28,114 | \$0.00000 | \$0 | 28,114 | 0.00000 | \$0 | |
| EG-Distribution Tier 1 w/EFBA & GHG Adders | | \$0.10619 | | | 0.12963 | | |
| EG-Distribution Tier 2 w/EFBA & GHG Adders | | \$0.06434 | | | 0.07376 | | |
| Total EG Distribution Level | 68,867 | \$0.07993 | \$5,505 | 68,867 | \$0.09437 | \$6,499 | |

| Calculation of Pre SempraWide EG-D Rate Excl CARB & GHG | EG-D Tier 1 | EG-D Tier 2 | Total | Source |
|---|-------------|-------------|-----------|-------------------------|
| AYTP mth/yr | 24,662 | 44,206 | 68,867 | EG-EOR Detail Alloc |
| Total revenue \$000/yr | \$2,660 | \$2,844 | \$5,505 | EG-EOR Detail Alloc |
| Less: AB32 Admin Fees | (\$20) | (\$37) | (\$57) | EG Detail Alloc |
| Less: GHG Fees | \$0 | \$0 | \$0 | EG Detail Alloc |
| Total revenue \$000/yr | \$2,640 | \$2,808 | \$5,447 | = |
| total rate net of AB 32 Admin Fee Incl Cust Chg \$/th | \$0.10704 | \$0.06351 | \$0.07910 | |
| Customer Charge: | | | | |
| Total Customers | 69 | 6 | 75 | EG-EOR Detail Alloc |
| Customer Charge | \$50.00 | \$0.00 | | _ |
| Customer Charge Rev \$000/yr | \$41 | \$0 | \$41 | _ |
| Volumetric Rate: | | | | |
| Total revenue \$000/yr | \$2,640 | \$2,808 | \$5,447 | |
| Less Customer Charge \$000/yr | \$41 | \$0 | \$41 | _ |
| Volumetric Revenue \$000/yr | \$2,598 | \$2,808 | \$5,406 | _ |
| Volumetric Rate /th | \$0.10536 | \$0.06351 | \$0.07850 | _ = |
| Post SW Rates: | | | | |
| SW Volumetric Rate w/FFU \$/th | \$0.12880 | \$0.07293 | | SCG RD model/EG-D Rates |
| AYTP Mth/yr | 24,662 | 44,206 | 68,867 | |
| SW Volumetric Revenue \$000 | \$3,176 | \$3,224 | \$6,400 | _ |
| plus Customer Charge Revenue \$000 | \$41 | \$0 | \$41 | |
| plus AB32 Admin Fee | | | | |
| Post-SW Total Revenue \$000 | \$3,218 | \$3,224 | \$6,441 | = |
| Pre-SW Total Revenue \$000 | \$2,640 | \$2,808 | \$5,447 | |
| SW Adjustment \$000 | \$578 | \$416 | \$994 | _ = |
| Post-SW Total Revenue \$000 | \$3,218 | \$3,224 | \$6,441 | |
| AYTP Mth/yr | 24,662 | 44,206 | 68,867 | |
| Post SW Average Rate \$/th | \$0.13048 | \$0.07293 | \$0.09353 | _ |
| EFBA & GHG amounts \$000 | \$20 | \$37 | \$57 | |
| SUMMARY of Pre & Post SW revenue & rates w/FFU w/EFBA: | | | | |
| Pre SW Total Revenue Tier 1 & 2 w/FFU \$000 | \$2,660 | \$2,844 | \$5,505 | |
| Post SW Total Revenue Tier 1 & 2 w/FFU \$000 | \$3,238 | \$3,261 | \$6,499 | |
| Total SW Adjustment w/FFU \$000 | \$578 | \$416 | \$994 | _ |
| Calculation of EFBA fee | | | | Source |
| Costs allocated to EG class \$000 | \$20 | \$37 | \$57 | EG Detail Alloc |
| EG Non-Exempt Volumes Mth/yr | 24,560 | 44,206 | 68,765 | EG Detail Alloc |
| Cost Adder for Non-Exempt & Grope with marshel | Challenge S | | | <u> </u> |

San Diego Gas & Electric City of San Diego Franchise Fee Differential Development of Annual Gas Percentage Factors

AP Application

| | | 2017 | Revenue | |] |
|---|-------------|-----------|-------------|-----------|--------|
| | City of Sar | Diego | Total Sy | stem | |
| | Applicable | SDFFD | w/o | with | SDFFD |
| | SD Revs b/ | Revenues | SDFFD a/ | SDFFD | FACTOR |
| Α | В | С | D | E | F |
| | (in 000s) | (in 000s) | (in 000s) | (in 000s) | |
| <u>Schedule</u> | | 1.030% | c/ | | |
| Single Family (GR) | \$107,150 | \$1,104 | \$249,323 | \$250,427 | 0.443% |
| Single Family Low Income (GR-LI) | 17,402 | 179 | \$40,529 | \$40,708 | 0.442% |
| Multi Family (GM/GS/GT) | 25,846 | 266 | \$50,855 | \$51,121 | 0.523% |
| LNG Fac. Chg. (GL-1) | 0 | 0 | \$62 | \$62 | 0.001% |
| Res Aggreg Trans (GTAGTC) | 720 | 7 | \$1,678 | \$1,685 | 0.442% |
| Total Core Residential | \$151,118 | \$1,557 | \$342,447 | \$344,004 | 0.455% |
| | | | | | |
| Small Commercial (GN-1\3) | 57,841 | 596 | \$104,390 | \$104,986 | 0.571% |
| NGV Vehicles (NGV) | 778 | 8 | \$4,142 | \$4,150 | 0.193% |
| Comm Aggreg Trans (GTARC) | 6,880 | 71 | \$13,924 | \$13,995 | 0.509% |
| Total Core Commercial | \$65,499 | \$675 | \$122,456 | \$123,130 | 0.551% |
| TOTAL CORE | \$216,618 | \$2,231 | \$464,903 | \$467,134 | 0.480% |
| Noncore Noncogen Com. (GPNC) | 1,775 | 18 | \$2,488 | \$2,507 | 0.735% |
| Power Plant | 0 | - | \$5,763 | \$5,763 | 0.000% |
| NonCogen Trans. (GTNC) | 245 | 3 | \$267 | \$269 | 0.946% |
| Cogen Trans. (GTCG\EG) (excl. Rosarito) | 4,840 | 50 | \$9,117 | \$9,167 | 0.547% |
| TOTAL NONCORE | \$6,860 | \$71 | \$17,636 | \$17,706 | 0.401% |
| TOTAL GAS | \$223,478 | \$2,302 | \$482,538 | \$484,840 | 0.477% |

SDG&E Residential Bill Impact 2020 TCAP Application

Notes:

- 1) G-CP rate from TCAP
 2) PPPS rate for non-care customer.
 3) BL usage limits reflect Zone 1
 4) G-SRF rate for 01/2018

| | Summer Average (May-Oct) | Winter Average (Nov-Apr) | Winter Peak (Nov-Apr) | Monthly Average | Annual Charges (Jan-Dec) | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|--------------------------------|--------------------------------|---|--------------------------|--------------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|
| NPUT: | (ina) cor, | (11017161) | (.to. /tp.) | (04.1. 200) | (oui: Doo) | oun | 1 05 | · · · · · · | Арі | muy | oun | oui | Aug | оср | 001 | 1101 | |
| finimum Bill \$/day = | | | | | | \$0.32877 | \$0.32877 | \$0.32877 | \$0.32877 | \$0.32877 | \$0.32877 | \$0.32877 | \$0.32877 | \$0.32877 | \$0.32877 | \$0.32877 | \$0.328 |
| L Rate \$/th = | | | | | | \$0.49019 | \$0.49019 | \$0.49019 | \$0.49019 | \$0.49019 | \$0.49019 | \$0.49019 | \$0.49019 | \$0.49019 | \$0.49019 | \$0.49019 | \$0.490 |
| IBL Rate \$/th = | | | | | | \$1.07719 | \$1.07719 | \$1.07719 | \$1.07719 | \$1.07719 | \$1.07719 | \$1.07719 | \$1.07719 | \$1.07719 | \$1.07719 | \$1.07719 | \$1.077 |
| G-CP \$/th = | | | | | | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.278 |
| PPS Non-CARE \$/th = | | | | | | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | \$0.067 |
| | | | | | | | | | | | | | | | | | |
| G-SRF \$/th = | | | | | | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.001 |
| BL Usage limit th/day = | | | | | | 1.546 | 1.546 | 1.546 | 1.546 | 0.493 | 0.493 | 0.493 | 0.493 | 0.493 | 0.493 | 1.546 | 1.54 |
| # days in month = | | | | | | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |
| BL usage limit th/mo = | | | | | | 48 | 43 | 48 | 46 | 15 | 15 | 15 | 15 | 15 | 15 | 46 | 48 |
| CARE Discount | | | | | | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% |
| PPPS CARE \$/th = | | | | | | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | \$0.059 |
| DG&E Residential Class Average | ge: 16 | 33 | 50 | 24 | 291 | 50 | 38 | 31 | 25 | 20 | 18 | 16 | 14 | 14 | 14 | 19 | 34 |
| Total th used th/mo = | | | | | | | | | | | | | | | | | 34 |
| BL therms = NBL therms = | 14 1 | 32 0 | 48 2 | 23 1 | 281 11 | 48 2 | 38 0 | 31 0 | 25 0 | 15 5 | 15 3 | 15 1 | 14 0 | 14 0 | 14 0 | 19 0 | 0 |
| harges_ | | | | | | | | | | | | | | | | | |
| //inimum Bill or Cust charge \$/day | \$10.08 | \$9.92 | \$10.19 | \$10.00 | \$120.00 | \$10.19 | \$9.21 | \$10.19 | \$9.86 | \$10.19 | \$9.86 | \$10.19 | \$10.19 | \$9.86 | \$10.19 | \$9.86 | \$10. |
| BL charges \$/mo = | \$7.05 | \$15.89 | \$23.53 | \$11.47 | \$137.64 | \$23.53 | \$18.56 | \$15.35 | \$12.06 | \$7.35 | \$7.35 | \$7.35 | \$6.63 | \$6.67 | \$6.93 | \$9.41 | \$16. |
| IBL charge \$/mo = | \$1.47 | \$0.41 | \$2.48 | \$0.94 | \$11.31 | \$2.48 | \$0.00 | \$0.00 | \$0.00 | \$5.43 | \$2.77 | \$0.63 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.0 |
| Commodity Charge \$/mo = | \$4.38 | \$9.13 | \$14.00 | \$6.76 | \$81.06 | \$14.00 | \$10.54 | \$8.71 | \$6.85 | \$5.58 | \$4.89 | \$4.34 | \$3.77 | \$3.78 | \$3.93 | \$5.34 | \$9.3 |
| | | | | | | | | | | | | | | | | | |
| PPPS charge \$/mo = | \$1.06 | \$2.22 | \$3.40 | \$1.64 | \$19.69 | \$3.40 | \$2.56 | \$2.12 | \$1.66 | \$1.35 | \$1.19 | \$1.05 | \$0.91 | \$0.92 | \$0.95 | \$1.30 | \$2.2 |
| G-PUC Regulatory Fee \$/mo = | \$0.03 \$24.07 | \$0.05 \$37.63 | \$0.08 \$53.69 | \$0.04 \$30.85 | \$0.48 \$370.19 | \$0.08 \$53.69 | \$0.06 \$40.92 | \$0.05 \$36.42 | \$0.04 \$30.48 | \$0.03 \$29.94 | \$0.03 \$26.09 | \$0.03 \$23.59 | \$0.02 \$21.53 | \$0.02 \$21.26 | \$0.02 \$22.03 | \$0.03 \$25.94 | \$0.0 \$38.3 |
| - | | ψοι 100 | - - - - - - - - - - | 400.00 | ψοι σι ισ | φσσ.σσ | Ų 10.0Z | ψσσ. 1 <u>2</u> | \$00.10 | Ψ20.01 | Ψ20.00 | Ψ20.00 | Ψ21.00 | ΨΕ1.Ε0 | ΨΕΕ.00 | Ψ20.01 | Ψ00.0 |
| SDG&E Residential Single Famil Fotal th used th/mo = | <u>v:</u> 17 | 36 | 57 | 26 | 318 | 57 | 42 | 34 | 27 | 22 | 19 | 17 | 14 | 14 | 15 | 20 | 37 |
| BL therms = | 15 | 35 | 48 | 25 | 297 | 48 | 42 | 34 | 27 | 15 | 15 | 15 | 14 | 14 | 15 | 20 | 37 |
| NBL therms = | 2 | 1 | 9 | 25 | 297 | 9 | 0 | 0 | 0 | 7 | 4 | 2 | 0 | 0 | 0 | 0 | 0 |
| NDL tierns = | 2 | | 9 | 2 | 21 | 9 | U | O | U | , | 4 | 2 | Ü | Ü | Ü | Ü | U |
| charges | 640.00 | #0.02 | £40.40 | £40.00 | £420.00 | £40.40 | 60.24 | £10.10 | \$0.00 | £40.40 | 60 00 | 640.40 | £40.40 | 60.00 | £40.40 | 60 00 | 640.4 |
| Customer charge/Minimum Bill \$/d | | \$9.92 | \$10.19 | \$10.00 | \$120.00 | \$10.19 | \$9.21 | \$10.19 | \$9.86 | \$10.19 | \$9.86 | \$10.19 | \$10.19 | \$9.86 | \$10.19 | \$9.86 | \$10. |
| 3L charges \$/mo = | \$7.25 | \$17.03 | \$23.53 | \$12.14 | \$145.71 | \$23.53 | \$20.60 | \$16.87 | \$13.01 | \$7.35 | \$7.35 | \$7.35 | \$7.05 | \$7.08 | \$7.33 | \$10.03 | \$18. |
| NBL charge \$/mo = | \$2.18 | \$1.53 | \$9.19 | \$1.85 | \$22.25 | \$9.19 | \$0.00 | \$0.00 | \$0.00 | \$7.08 | \$4.12 | \$1.86 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.0 |
| Commodity Charge \$/mo = | \$4.68 | \$10.06 | \$15.73 | \$7.37 | \$88.46 | \$15.73 | \$11.70 | \$9.58 | \$7.39 | \$6.00 | \$5.24 | \$4.66 | \$4.00 | \$4.02 | \$4.16 | \$5.69 | \$10.3 |
| PPPS charge \$/mo = | \$1.14 | \$2.44 | \$3.82 | \$1.79 | \$21.48 | \$3.82 | \$2.84 | \$2.33 | \$1.79 | \$1.46 | \$1.27 | \$1.13 | \$0.97 | \$0.98 | \$1.01 | \$1.38 | \$2.5 |
| G-PUC Regulatory Fee \$/mo = | \$0.03 | \$0.06 | \$0.09 | \$0.04 | \$0.53 | \$0.09 | \$0.07 | \$0.06 | \$0.04 | \$0.04 | \$0.03 | \$0.03 | \$0.02 | \$0.02 | \$0.02 | \$0.03 | \$0.0 |
| C&T charge \$/mo= | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.0 |
| otal Charge \$/mo = | \$25.36 | \$41.05 | \$62.56 | \$33.20 | \$398.44 | \$62.56 | \$44.41 | \$39.03 | \$32.10 | \$32.12 | \$27.87 | \$25.22 | \$22.24 | \$21.96 | \$22.71 | \$27.00 | \$41.2 |
| DG&E Residential Multi Family: | <u>:</u> 12 | 19 | 26 | 15 | 185 | 26 | 21 | 10 | 16 | 14 | 10 | 44 | 10 | 10 | 44 | 14 | 20 |
| Total th used th/mo = BL therms = | 12 | 19 | 26 26 | 15 | 185 | 26 26 | 21 | 19 19 | 16 16 | 14 | 13 10 | 11 11 | 10 10 | 10 10 | 11 11 | 14 14 | 20 |
| NBL therms = | 10 | 0 | 0 | 15 | 6 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| BL Usage limit th/day = | | | | | | 1.082 | 1.082 | 1.082 | 1.082 | 0.345 | 0.345 | 0.345 | 0.345 | 0.345 | 0.345 | 1.082 | 1.08 |
| # days in month = | | | | | | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 3 |
| BL usage limit th/mo = | | | | | | 34 | 30 | 34 | 32 | 11 | 10 | 11 | 11 | 10 | 11 | 32 | 34 |
| harges | | | | | | | | | | | | | | | | | |
| Customer charge/Minimum Bill \$/d | \$10.08 | \$9.92 | \$10.19 | \$10.00 | \$120.00 | \$10.19 | \$9.21 | \$10.19 | \$9.86 | \$10.19 | \$9.86 | \$10.19 | \$10.19 | \$9.86 | \$10.19 | \$9.86 | \$10. |
| L charges \$/mo = | \$5.13 | \$9.45 | \$12.71 | \$7.29 | \$87.48 | \$12.71 | \$10.43 | \$9.16 | \$7.85 | \$5.39 | \$4.90 | \$5.39 | \$4.91 | \$4.90 | \$5.27 | \$6.84 | \$9.7 |
| IBL charge \$/mo = | \$1.13 | \$0.00 | \$0.00 | \$0.56 | \$6.77 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3.14 | \$3.02 | \$0.27 | \$0.00 | \$0.34 | \$0.00 | \$0.00 | \$0.0 |
| Commodity Charge \$/mo = | \$3.20 | \$5.37 | \$7.22 | \$4.28 | \$51.41 | \$7.22 | \$5.92 | \$5.20 | \$4.46 | \$3.87 | \$3.56 | \$3.13 | \$2.79 | \$2.87 | \$2.99 | \$3.88 | \$5.5 |
| PPS charge \$/mo = | \$0.78 | \$1.30 | \$1.75 | \$1.04 | \$12.48 | \$1.75 | \$1.44 | \$1.26 | \$1.08 | \$0.94 | \$0.87 | \$0.76 | \$0.68 | \$0.70 | \$0.73 | \$0.94 | \$1.3 |
| G-PUC Regulatory Fee \$/mo = | \$0.02 | \$0.03 | \$0.04 | \$0.03 | \$0.31 | \$0.04 | \$0.04 | \$0.03 | \$0.03 | \$0.02 | \$0.02 | \$0.02 | \$0.02 | \$0.02 | \$0.02 | \$0.02 | \$0.0 |
| otal Charge \$/mo = | \$20.34 | \$26.07 | \$31.91 | \$23.20 | \$278.45 | \$31.91 | \$27.02 | \$25.84 | \$23.29 | \$23.56 | \$22.24 | \$19.76 | \$18.59 | \$18.68 | \$19.20 | \$21.55 | \$26 |
| <u>-</u> | | | - | | | | | | | | • | | | | | | |
| DG&E Residential CARE: otal th used th/mo = | 15 | 27 | 39 | 21 | 254 | 39 | 31 | 27 | 22 | 19 | 17 | 15 | 13 | 13 | 13 | 18 | 2 |
| otal til used tr/mo = | 15 | 21 | 39 | ۷1 | 254 | 39 | 31 | 21 | 22 | 19 | 17 | 15 | 13 | 13 | 13 | 10 | 2 |

SDG&E Residential Bill Impact 2020 TCAP Application

Notes:

- 1) G-CP rate from TCAP
 2) PPPS rate for non-care customer.
 3) BL usage limits reflect Zone 1
 4) G-SRF rate for 01/2018

| BL therms = | 14 | 27 | 39 | 21 | 249 | 39 | 31 | 27 | 22 | 15 | 15 | 15 | 13 | 13 | 13 | 18 | 27 |
|-----------------------------------|---------|---------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| NBL therms = | 1 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| charges | | | | | | | | | | | | | | | | | |
| Customer charge/Minimum Bill \$/d | \$8.07 | \$7.93 | \$8.15 | \$8.00 | \$96.00 | \$8.15 | \$7.36 | \$8.15 | \$7.89 | \$8.15 | \$7.89 | \$8.15 | \$8.15 | \$7.89 | \$8.15 | \$7.89 | \$8.15 |
| BL charges \$/mo = | \$5.51 | \$10.77 | \$15.36 | \$8.14 | \$97.63 | \$15.36 | \$12.27 | \$10.55 | \$8.68 | \$5.88 | \$5.88 | \$5.84 | \$5.07 | \$5.08 | \$5.28 | \$6.96 | \$10.78 |
| NBL charge \$/mo = | \$0.80 | \$0.00 | \$0.00 | \$0.40 | \$4.78 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3.29 | \$1.49 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Commodity Charge \$/mo = | \$3.33 | \$6.11 | \$8.72 | \$4.72 | \$56.66 | \$8.72 | \$6.96 | \$5.99 | \$4.93 | \$4.19 | \$3.73 | \$3.31 | \$2.88 | \$2.88 | \$3.00 | \$3.95 | \$6.12 |
| PPPS charge \$/mo = | \$0.89 | \$1.63 | \$2.33 | \$1.26 | \$15.14 | \$2.33 | \$1.86 | \$1.60 | \$1.32 | \$1.12 | \$1.00 | \$0.89 | \$0.77 | \$0.77 | \$0.80 | \$1.06 | \$1.64 |
| G-PUC Regulatory Fee \$/mo = | \$0.02 | \$0.05 | \$0.07 | \$0.04 | \$0.42 | \$0.07 | \$0.05 | \$0.04 | \$0.04 | \$0.03 | \$0.03 | \$0.02 | \$0.02 | \$0.02 | \$0.02 | \$0.03 | \$0.05 |
| C&T charge \$/mo= | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Total Charge \$/mo = | \$18.62 | \$26.49 | \$34.62 | \$22.55 | \$270.63 | \$34.62 | \$28.51 | \$26.33 | \$22.86 | \$22.66 | \$20.02 | \$18.21 | \$16.90 | \$16.65 | \$17.25 | \$19.89 | \$26.73 |

SDG&E Commercial Bill Impact 2020 TCAP Application

Notes:

1) G-CP rate from TCAP
2) PPPS rate for non-care customer. Current rate in 2018
3) G-SRF rate in 2018
4) Month Average = annual \$amount/12 and Monthly Avg Rate = \$amount/#therms.

| | | | | | | | | | | | | | | | | | Medium | Large C&I | I Medium C&I | |
|--|-------------|-------------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------|--------------|--------------|-----------|
| | Typical | Typical | | | | | | | | | | | | | | | C&I average | average bill | average bill | |
| | Winter | Summer | | | | | | | | | | | | | | | bill \$/month | - \$/month - | \$/month - | |
| | Month (nov- | Month (may- | Monthly | Annual | | | | | | | | | | | | | 1,000 | 6,250 | 7,250 | |
| | apr) | oct) | Average | Charges | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | th/month | th/month | th/month | |
| SDG&E Core C&I - Current Rates: | | | | | | | | | | | | | | | | | | | | |
| Customer Charge \$/mo. = | \$10.00 | \$10.00 | \$10.00 | | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | |
| Tier 1 Rate \$/th = | \$0.33142 | \$0.33142 | \$0.33142 | | \$0.33142 | \$0.33142 | \$0.33142 | \$0.33142 | \$0.33142 | \$0.33142 | \$0.33142 | \$0.33142 | \$0.33142 | \$0.33142 | \$0.33142 | \$0.33142 | \$0.33142 | \$0.33142 | \$0.33142 | |
| Tier 2 Rate \$/th = | \$0.20022 | \$0.20022 | \$0.20022 | | \$0.20022 | \$0.20022 | \$0.20022 | \$0.20022 | \$0.20022 | \$0.20022 | \$0.20022 | \$0.20022 | \$0.20022 | \$0.20022 | \$0.20022 | \$0.20022 | \$0.20022 | \$0.20022 | \$0.20022 | |
| Tier 3 Rate \$/th = | \$0.16315 | \$0.16315 | \$0.16315 | | \$0.16315 | \$0.16315 | \$0.16315 | \$0.16315 | \$0.16315 | \$0.16315 | \$0.16315 | \$0.16315 | \$0.16315 | \$0.16315 | \$0.16315 | \$0.16315 | \$0.16315 | \$0.16315 | \$0.16315 | |
| G-CPC \$/th = | \$0.27827 | \$0.27827 | \$0.27827 | | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.08978 |
| PPPS \$/th = | \$0.05956 | \$0.05956 | \$0.05956 | | \$0.05956 | \$0.05956 | \$0.05956 | \$0.05956 | \$0.05956 | \$0.05956 | \$0.05956 | \$0.05956 | \$0.05956 | \$0.05956 | \$0.05956 | \$0.05956 | \$0.05956 | \$0.05956 | \$0.05956 | \$0.00000 |
| G-PUC Regulatory fee \$/th = | \$0.00166 | \$0.00166 | \$0.00166 | | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | |
| Effective Average Rate \$/th | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 | |
| # days in month = | 30 | 30 | 30.42 | 365 | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 | 31 | 31 | 31 | |
| Tier Usage Limits (i.e. maximum # of therms charged at each tier): | | | | | | | | | | | | | | | | | | | | |
| Tier 1 usage limit th/mo = | 1,000 | 1,000 | 1,000 | 12,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | |
| Tier 2 usage limit th/mo = | 21,000 | 21,000 | 21,000 | 252,000 | 21,000 | 21,000 | 21,000 | 21,000 | 21,000 | 21,000 | 21,000 | 21,000 | 21,000 | 21,000 | 21,000 | 21,000 | 21,000 | 21,000 | 21,000 | |
| Tier 3 no limit | | | | | | | | | | | | | | | | | | | | |
| Total th used th/mo = | 300 | 300 | 300 | 3,600 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 1.000 | 6,250 | 7.250 | |
| Tier 1 therms = | 300 | 300 | 300 | 3,600 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 1,000 | 1,000 | 1,000 | |
| therms remainining to be classified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.250 | 6,250 | |
| Tier 2 therms = | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,250 | 6,250 | |
| Tier 3 therms = | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| therms accounted for | 300 | 300 | 300 | 3,600 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 1,000 | 6,250 | 7,250 | |
| Customer Charge \$/mo = | \$10 | \$10 | \$10 | \$120 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | \$10.00 | |
| Tier 1 charges \$/mo = | \$99.43 | \$99.43 | \$99 | \$1,193 | \$99.43 | \$99.43 | \$99.43 | \$99.43 | \$99.43 | \$99.43 | \$99.43 | \$99.43 | \$99.43 | \$99.43 | \$99.43 | \$99.43 | \$331.42 | \$331.42 | \$331.42 | |
| Tier 2 charges \$/mo = | \$0.00 | \$0.00 | \$0 | \$0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,051.14 | \$1,251.35 | |
| Tier 3 charges \$/mo = | \$0.00 | \$0.00 | \$0 | \$0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| Commodity Charge \$/mo = | \$83.48 | \$83.48 | \$83 | \$1,002 | \$83.48 | \$83.48 | \$83.48 | \$83.48 | \$83.48 | \$83.48 | \$83.48 | \$83.48 | \$83.48 | \$83.48 | \$83.48 | \$83.48 | \$278.27 | \$1,739.19 | \$2,017.46 | |
| PPPS charge \$/mo = | \$17.87 | \$17.87 | \$18 | \$214 | \$17.87 | \$17.87 | \$17.87 | \$17.87 | \$17.87 | \$17.87 | \$17.87 | \$17.87 | \$17.87 | \$17.87 | \$17.87 | \$17.87 | \$59.56 | \$372.27 | \$431.83 | |
| G-PUC Regulatory Fee \$/mo = | \$0.50 | \$0.50 | \$0 | \$6 | \$0.50 | \$0.50 | \$0.50 | \$0.50 | \$0.50 | \$0.50 | \$0.50 | \$0.50 | \$0.50 | \$0.50 | \$0.50 | \$0.50 | \$1.66 | \$10.38 | \$12.04 | |
| Total Charge \$/mo = | \$211.27 | \$211.27 | \$211.27 | \$2,535.30 | \$211.27 | \$211.27 | \$211.27 | \$211.27 | \$211.27 | \$211.27 | \$211.27 | \$211.27 | \$211.27 | \$211.27 | \$211.27 | \$211.27 | \$680.92 | \$3,514.39 | \$4,054.11 | |

Large and

SDG&E Commercial Bill Impact

2020 TCAP Application

Notes:

1) G-CP rate from TCAP
2) PPPS rate for non-care customer. Current rate in 2018
3) G-SRF rate in 2018
4) Month Average = annual \$amount/12 and Monthly Avg Rate = \$ar

| , | Small C&I average bill \$/month - 300 | Medium C&I average bill \$/month 1,000 | average bill -\$/month - 6,250 | Large and Medium C&I average bill \$/month - 7,250 |
|--|--|---|--------------------------------------|--|
| | th/month | th/month | th/month | th/month |
| SDG&E Core C&I - Current Rates: | | | | |
| Customer Charge \$/mo. = | \$10.00 | \$10.00 | \$10.00 | \$10.00 |
| Tier 1 Rate \$/th = | \$0.31615 | \$0.31615 | \$0.31615 | \$0.31615 |
| Tier 2 Rate \$/th = | \$0.16299 | \$0.16299 | \$0.16299 | \$0.16299 |
| Tier 3 Rate \$/th = | \$0.11972 | \$0.11972 | \$0.11972 | \$0.11972 |
| G-CPC \$/th = | \$0.49583 | \$0.49583 | \$0.49583 | \$0.49583 |
| PPPS \$/th = | \$0.08626 | \$0.08626 | \$0.08626 | \$0.08626 |
| G-PUC Regulatory fee \$/th = | \$0.00068 | \$0.00068 | \$0.00068 | \$0.00068 |
| Effective Average Rate \$/th | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 |
| # days in month = | 31 | 31 | 31 | 31 |
| Tier Usage Limits (i.e. maximum # of therms charged at each tier): | | | | |
| Tier 1 usage limit th/mo = | 1,000 | 1,000 | 1,000 | 1,000 |
| Tier 2 usage limit th/mo = | 21,000 | 21,000 | 21,000 | 21,000 |
| Tier 3 no limit | | | | |
| Total th used th/mo = | 300 | 1,000 | 6,250 | 7.250 |
| Tier 1 therms = | 300 | 1.000 | 1.000 | 1.000 |
| therms remainining to be classified | 0 | 0 | 5.250 | 6,250 |
| Tier 2 therms = | 0 | 0 | 5,250 | 6.250 |
| Tier 3 therms = | 0 | 0 | 0 | 0,250 |
| therms accounted for | 300 | 1,000 | 6,250 | 7,250 |
| | | | | |
| Customer Charge \$/mo = | \$10.00 | \$10.00 | \$10.00 | \$10.00 |
| Tier 1 charges \$/mo = | \$94.85 | \$316.15 | \$316.15 | \$316.15 |
| Tier 2 charges \$/mo = | \$0.00 | \$0.00 | \$855.68 | \$1,018.67 |
| Tier 3 charges \$/mo = | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Commodity Charge \$/mo = | \$148.75 | \$495.83 | \$3,098.91 | \$3,594.73 |
| PPPS charge \$/mo = | \$25.88 | \$86.26 | \$539.11 | \$625.37 |
| G-PUC Regulatory Fee \$/mo = | \$0.20 | \$0.68 | \$4.25 | \$4.93 |
| Total Charge \$/mo = | \$279.67 | \$908.92 | \$4,824.10 | \$5,569.85 |
| | | | | |

SDG&E Commercial Bill Impact 2020 TCAP Application

Notes:

1) G-CP rate from TCAP

2) PPPS rate for non-care customer. Current rate in 2018

3) G-SRF rate in 2018

4) Month Average = annual \$amount/12 and Monthly Avg Rate = \$amount/#therms.

Large C&I Medium C&I Medium Typical C&I average average bill average bill Typical bill \$/month - \$/month -\$/month -,000 6,250 7,250 Month (nov-Month (mayn/month th/month th/month oct) Average Charges Feb Mar May Jul Oct Dec apr) Jan Apr Jun Aug Sep Nov SDG&E Core C&I - Proposed Rates: Customer Charge Tier 1 \$/day = \$10.00 \$10.00 \$0.32877 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 Tier 1 Rate \$/th = \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 Tier 2 Rate \$/th = \$0.23417 \$0.23417 \$0.23417 \$0.23417 \$0.23417 \$0 23417 \$0.23417 \$0.23417 \$0.23417 \$0.23417 \$0.23417 \$0.23417 \$0 23417 \$0.23417 \$0.23417 \$0.23417 \$0.23417 \$0.23417 Tier 3 Rate \$/th = \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 G-CPC \$/th = \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 PPPS \$/th = \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 G-PUC Regulatory fee \$/th = \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 Effective Average Rate \$/th \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 30 31 31 31 31 31 31 # days in month = 30 30 365 28 30 30 31 31 30 30 31 31 Tier Usage Limits (i.e. maximum # of therms charged at each tier): Tier 1 usage limit th/mo = 1 000 1.000 1 000 12 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 Tier 2 usage limit th/mo = 21,000 21,000 21,000 252,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 Tier 3 no limit Total th used th/mo = 300 300 300 3,600 300 300 300 300 300 300 300 300 300 300 300 300 1,000 6,250 7,250 3,600 1,000 1,000 Tier 1 therms = 300 300 300 300 300 300 300 300 300 300 300 300 300 1.000 300 300 therms remaining to be classified 5 250 6 250 Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Tier 2 therms = 0 0 0 Ω 0 0 0 0 0 0 0 Ω 0 0 0 5,250 6.250 Tier 3 therms = Λ Ω Ω Ω Λ Ω Ω Ω Ω Ω Ω Ω therms accounted for 300 300 300 3,600 300 300 300 300 300 300 300 300 300 300 300 300 1,000 6,250 7,250 Customer Charge \$/mo = \$10 \$10.00 \$10.00 \$10.00 \$10.00 \$10 \$10 \$120 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 Tier 1 charges \$/mo = \$118.77 \$118.77 \$119 \$1,425 \$118.77 \$118.77 \$118.77 \$118.77 \$118.77 \$118.77 \$118.77 \$118.77 \$118.77 \$118.77 \$118.77 \$118.77 \$395.90 \$395.90 \$395.90 Tier 2 charges \$/mo = \$1,229.41 \$1,463.58 \$0.00 \$0.00 \$0.00 \$0.00 \$0 \$0 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 Tier 3 charges \$/mo = \$0.00 \$0.00 \$0 \$0 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$83.48 Commodity Charge \$/mo = \$83.48 \$83 \$1.002 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$278.27 \$1,739.19 \$2.017.46 PPPS charge \$/mo = \$17.87 \$17.87 \$18 \$214 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$59.56 \$372 27 \$431.83 G-PUC Regulatory Fee \$/mo \$0.50 \$0.50 \$0 \$6 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$1.66 \$10.38 \$12.04 Total Charge \$/mo = \$230.62 \$230.62 \$230.62 \$2,767,43 \$230.62 \$230.62 \$230.62 \$230.62 \$230.62 \$230.62 \$230.62 \$230.62 \$230.62 \$230.62 \$230.62 \$230.62 \$745.40 \$3,757.15 \$4,330.82

Large and

| Increase (decrease) from Current Rates \$/month | \$19.34 | \$19.34 | \$19.34 | \$232.13 | |
|---|---------|---------|---------|----------|--|
| % Increase (decrease) from Current | 9.2% | 9.2% | 9.2% | 9.2% | |

SDG&E Commercial Bill Impact 2020 TCAP Application

Notes: 1) G-CP rate from TCAP

1) G-CP rate from TCAP
2) PPPS rate for non-care customer. Current rate in 2018
3) G-SRF rate in 2018
4) Month Average = annual \$amount/12 and Monthly Avg Rate = \$ar

2014

| | Small C&I | Medium | l 081 | Large and Medium C&I |
|--|--------------|--|---|-------------------------|
| | average bill | C&I average | | average bill |
| | \$/month - | bill \$/month | | \$/month - |
| | 300 | 1.000 | 6.250 | 7.250 |
| | th/month | th/month | th/month | th/month |
| SDG&E Core C&I - Proposed Rates: | a willional | ti i i i i i i i i i i i i i i i i i i | | |
| Customer Charge Tier 1 \$/day = | \$10.00 | \$10.00 | \$10.00 | \$10.00 |
| Tier 1 Rate \$/th = | \$0.39590 | \$0.39590 | \$0.39590 | \$0.39590 |
| Tier 2 Rate \$/th = | \$0.23417 | \$0.23417 | \$0.23417 | \$0.23417 |
| Tier 3 Rate \$/th = | \$0.18849 | \$0.18849 | \$0.18849 | \$0.18849 |
| G-CPC \$/th = | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 |
| PPPS \$/th = | \$0.05956 | \$0.05956 | \$0.05956 | \$0.05956 |
| G-PUC Regulatory fee \$/th = | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 |
| Effective Average Rate \$/th | \$0.76873 | \$0.76873 | \$0.76873 | \$0.76873 |
| | *********** | ********* | *************************************** | *********** |
| # days in month = | 31 | 31 | 31 | 31 |
| Tier Usage Limits (i.e. maximum # of therms charged at each tier): | | | | |
| Tier 1 usage limit th/mo = | 1,000 | 1,000 | 1,000 | 1,000 |
| Tier 2 usage limit th/mo = | 21,000 | 21,000 | 21,000 | 21,000 |
| Tier 3 no limit | | | | |
| Total th used th/mo = | 300 | 1,000 | 6,250 | 7,250 |
| Tier 1 therms = | 300 | 1,000 | 1,000 | 1,000 |
| therms remainining to be classified | 0 | 0 | 5,250 | 6,250 |
| Tier 2 therms = | 0 | 0 | 5,250 | 6,250 |
| Tier 3 therms = | 0 | 0 | 0 | 0 |
| therms accounted for | 300 | 1,000 | 6,250 | 7,250 |
| Customer Charge \$/mo = | \$10.00 | \$10.00 | \$10.00 | \$10.00 |
| Tier 1 charges \$/mo = | \$118.77 | \$395.90 | \$395.90 | \$395.90 |
| Tier 2 charges \$/mo = | \$0.00 | \$0.00 | \$1,229.41 | \$1,463.58 |
| Tier 3 charges \$/mo = | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Commodity Charge \$/mo = | \$83.48 | \$278.27 | \$1,739.19 | \$2,017.46 |
| PPPS charge \$/mo = | \$17.87 | \$59.56 | \$372.27 | \$431.83 |
| G-PUC Regulatory Fee \$/mo = | \$0.50 | \$1.66 | \$10.38 | \$12.04 |
| Total Charge \$/mo = | \$230.62 | \$745.40 | \$3,757.15 | \$4,330.82 |

Increase (decrease) from Current Rates \$/month
% Increase (decrease) from Current

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| MARGINAL COST COMPONENTS \$000's | | | | Res | NGV | Core C&I | Total Core |
|---|---------------|---------------------|--|---|--|---|---|
| Embedded Costs: | | | | | | | |
| Customer Related Costs | | | | \$175,758 | \$111 | \$10,038 | \$185,908 |
| Medium Pressure Distribution Costs | | | | \$59,988 | \$413 | \$18,109 | \$78,510 |
| High Pressure Distribution Costs | | | | \$6,039 | \$107 | \$1,857 | \$8,004 |
| Backbone Transmission Costs | | | | \$12,830 | \$670 | \$6,871 | \$20,371 |
| Local Transmission Costs | | | | \$0 | \$0 | \$0 | \$0 |
| Storage - Borrego | | | | \$0 | \$0 | \$0 | \$0 |
| Core Seasonal Storage | | | | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | | | | \$0 | \$0 | \$0 | \$0 |
| NGV | | | | \$0 | \$494 | \$0 | \$494 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | \$254,615 | \$1,796 | \$36,875 | \$293,287 |
| Less Backbone Transmission Costs | | | | (\$12,830) | (\$670) | (\$6,871) | (\$20,371) |
| Less Local Transmission Costs | | | | \$0 | \$0 | \$0 | \$0 |
| Plus Local Transmission Costs w/SI,FFU | | | | \$3,508 | \$109 | \$1,388 | \$5,005 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | \$245,294 | \$1,236 | \$31,392 | \$277,921 |
| | | | | 79% | | | |
| | | | | | | | |
| | | | Amount to | | | | |
| | Non- | Add FFU Y | Amount to Allocate (w/o | | | | |
| Other Operating Costs and Revenues | Non- ECPT? | Add FFU Y or N? | | | | | |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 | | | Allocate (w/o | \$2,221 | \$128 | \$1,268 | \$3,617 |
| | | or N? | Allocate (w/o F&U) | \$2,221 \$5,367 | \$128 \$81 | \$1,268 \$1,328 | \$3,617 \$6,776 |
| SCG Transport excl Core Storge & Load Balance \$000 | | or N? | Allocate (w/o F&U) \$8,386 | | | . , | |
| SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage | | or N? Y Y | Allocate (w/o F&U) \$8,386 \$6,624 | \$5,367 | \$81 | \$1,328 | \$6,776 |
| SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 | | or N? Y Y | Allocate (w/o F&U) \$8,386 \$6,624 | \$5,367 | \$81 | \$1,328 | \$6,776 |
| SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a | | or N? Y Y Y | Allocate (w/o F&U) \$8,386 \$6,624 \$3,548 | \$5,367 \$940 | \$81 \$54 | \$1,328 \$536 | \$6,776 \$1,530 |
| SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF | | or N? Y Y Y Y | Allocate (w/o F&U) \$8,386 \$6,624 \$3,548 | \$5,367 \$940 \$1,003 | \$81 \$54 \$58 | \$1,328 \$536 \$572 | \$6,776 \$1,530 \$1,633 |
| SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other | ECPT? | or N? Y Y Y Y Y | Allocate (w/o F&U) \$8,386 \$6,624 \$3,548 \$2,081 \$200 | \$5,367 \$940 \$1,003 \$53 | \$81 \$54 \$58 \$3 | \$1,328 \$536 \$572 \$30 | \$6,776 \$1,530 \$1,633 \$86 |
| SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G | ECPT? | or N? Y Y Y Y Y Y | Allocate (w/o F&U) \$8,386 \$6,624 \$3,548 \$2,081 \$200 \$0 | \$5,367 \$940 \$1,003 \$53 \$0 | \$81 \$54 \$58 \$3 \$0 | \$1,328 \$536 \$572 \$30 \$0 | \$6,776 \$1,530 \$1,633 \$86 \$0 |
| SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G AB32 Fees (subtracted from base margin and allocated here) | ECPT? | or N? Y Y Y Y Y Y Y | Allocate (w/o F&U) \$8,386 \$6,624 \$3,548 \$2,081 \$200 \$0 \$560 | \$5,367 \$940 \$1,003 \$53 \$0 \$243 | \$81 \$54 \$58 \$3 \$0 \$14 | \$1,328 \$536 \$572 \$30 \$0 \$139 | \$6,776 \$1,530 \$1,633 \$86 \$0 \$396 |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | | |
|---|------------|------------|------------|----------------|---------------|--------------|------------|-----------------|
| Embedded Costs: | | | | | | | | |
| Customer Related Costs | \$824 | (\$252) | \$96 | (\$156) | \$668 | \$186,576 | | |
| Medium Pressure Distribution Costs | \$1,184 | \$800 | \$465 | \$1,265 | \$2,449 | \$80,959 | | |
| High Pressure Distribution Costs | \$164 | \$126 | \$431 | \$557 | \$721 | \$8,725 | | |
| Backbone Transmission Costs | \$1,629 | \$771 | \$23,494 | \$24,265 | \$25,894 | \$46,266 | | |
| Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Storage - Borrego | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Storage - Load Balancing | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| NGV | \$0 | \$0 | \$0 | \$0 | \$0 | \$494 | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$3,802 | \$1,444 | \$24,487 | \$25,931 | \$29,733 | \$323,020 | _ | |
| Less Backbone Transmission Costs | (\$1,629) | (\$771) | (\$23,494) | (\$24,265) | (\$25,894) | (\$46,266) | | |
| Less Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Plus Local Transmission Costs w/SI,FFU | \$270 | \$120 | \$4,101 | \$4,221 | \$4,491 | \$9,496 | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$2,443 | \$793 | \$5,093 | \$5,886 | \$8,329 | \$286,250 | _ = | |
| | | | | | | | F&U Amount | Total Allocated |
| Other Operating Costs and Revenues | | | | | | | \$000 | \$000 |
| SCG Transport excl Core Storge & Load Balance \$000 | \$312 | \$148 | \$4,502 | \$4,649 | \$4,962 | \$8,579 | \$192 | \$8,386 |
| SCG Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,776 | \$152 | \$6,624 |
| SCG Load Balancing Allocated to ALL SDGE \$000 | \$132 | \$62 | \$1,905 | \$1,967 | \$2,099 | \$3,629 | \$81 | \$3,548 |
| n/a | **** | **- | **,*** | + 1,001 | 4 -, | **,*=* | 40. | 4 -,- 1- |
| LUAF | \$31 | \$15 | \$450 | \$465 | \$496 | \$2,129 | \$48 | \$2,081 |
| Company Use Gas: Other | \$7 | \$4 | \$107 | \$111 | \$118 | \$205 | \$5 | \$200 |
| AMI rev reg incl FF&U AL 1693-G | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AB32 Fees (subtracted from base margin and allocated here) | \$34 | \$13 | \$130 | \$143 | \$177 | \$573 | \$13 | \$560 |
| | | | | | T :::: | T | Ŧ · - | |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue | | | | \$0 | \$0 | \$0 | \$0 | |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |

SDG&E Cost Allocation Allocation Allocation %

| | _ | | | Γotal | _ | | Core | Total | | EG <3 |
|--|-------------------|------------|----|-------|-------|------|-------|-------|------|---------|
| MARGINAL COST COMPONENTS \$000's | Source | Allocation | Sy | /stem | Res | NGV | C&I | Core | NCCI | mmth/yr |
| Embedded Costs: | | | | | | | | | | |
| Customer Related Costs | EC Model | 0 | | | | | | | | |
| Medium Pressure Distribution Costs | EC Model | 0 | | | | | | | | |
| High Pressure Distribution Costs | EC Model | 0 | | | | | | | | |
| Backbone Transmission Costs | EC Model | 0 | | | | | | | | |
| Local Transmission Costs | EC Model | 0 | | | | | | | | |
| Storage - Borrego | EC Model | 0 | | | | | | | | |
| Core Seasonal Storage | EC Model | 0 | | | | | | | | |
| Storage - Load Balancing | EC Model | 0 | | | | | | | | |
| NGV | EC Model | 0 | | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | | | | | | |
| Less Backbone Transmission Costs | | | | | | | | | | |
| Less Local Transmission Costs | | | | | | | | | | |
| Plus Local Transmission Costs w/SI,FFU | SCG/ SI & FAR | | | | | | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Other Operating Costs and Revenues | | | | | | | | | | |
| SCG Transport excl Core Storge & Load Balance \$000 | SCG RD Model/RLIN | FCPT | 10 | nn n% | 25.9% | 1.5% | 14.8% | 42 2% | 3.6% | 1 7% |

| Chief C portaining C Colo unita 110 to 1111100 | | | | | | | | | | |
|---|------------------------|------------------------------------|--------|-------|------|-------|--------|------|------|--|
| SCG Transport excl Core Storge & Load Balance \$000 | SCG RD Model/RUN | ECPT | 100.0% | 25.9% | 1.5% | 14.8% | 42.2% | 3.6% | 1.7% | |
| SCG Core Seasonal Storage | SCG RD Model/RUN | % CYPD MP Res & CCI | 100.0% | 79.2% | 1.2% | 19.6% | 100.0% | 0.0% | 0.0% | |
| SCG Load Balancing Allocated to ALL SDGE \$000 | SCG RD Model/RUN | ECPT | 100.0% | 25.9% | 1.5% | 14.8% | 42.2% | 3.6% | 1.7% | |
| n/a | | | | | | | | | | |
| LUAF | Misc Inputs | Method #3 -76.7% core @ ECPT / 23. | 100.0% | 47.1% | 2.7% | 26.9% | 76.7% | 1.5% | 0.7% | |
| Company Use Gas: Other | Misc Inputs | ECPT | 100.0% | 25.9% | 1.5% | 14.8% | 42.2% | 3.6% | 1.7% | |
| AMI rev req incl FF&U AL 1693-G | Misc Inputs, AL 1693-G | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% | |
| AB32 Fees (subtracted from base margin and allocated here) | | ECPT AB32 Fee Non-Exempt | 100.0% | 42.4% | 2.5% | 24.2% | 69.1% | 6.0% | 2.3% | |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenu | e Misc Inputs | ECPT | 100.0% | 25.9% | 1.5% | 14.8% | 42.2% | 3.6% | 1.7% | |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | Misc Inputs | ECPT GHG Fee Non-Exempt | 100.0% | 55.5% | 3.2% | 31.7% | 90.4% | 4.7% | 3.5% | |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | Misc Inputs | Method #3 -76.7% core @ ECPT / 23. | 100.0% | 47.1% | 2.7% | 26.9% | 76.7% | 1.5% | 0.7% | |

July, 2018 Rates

MARGINAL COST COMPONENTS \$000's

EG>=3 Total mmth/yr Total EG NonCore

Embedded Costs:

Customer Related Costs
Medium Pressure Distribution Costs
High Pressure Distribution Costs
Backbone Transmission Costs
Local Transmission Costs
Storage - Borrego
Core Seasonal Storage
Storage - Load Balancing

NGV

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU

Less Backbone Transmission Costs Less Local Transmission Costs

Plus Local Transmission Costs w/SI,FFU

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

Other Operating Costs and Revenues

| SCG Transport excl Core Storge & Load Balance \$000 | 52.5% | 0.0% | 57.8% | |
|--|-------|-------|-------|--|
| SCG Core Seasonal Storage | 0.0% | 0.0% | 0.0% | |
| SCG Load Balancing Allocated to ALL SDGE \$000 | 52.5% | 0.0% | 57.8% | |
| n/a | | | | |
| LUAF | 21.1% | 21.8% | 23.3% | |
| Company Use Gas: Other | 52.5% | 0.0% | 57.8% | |
| AMI rev req incl FF&U AL 1693-G | 1.8% | 0.0% | 2.9% | |
| AB32 Fees (subtracted from base margin and allocated here) | 22.6% | 25.0% | 30.9% | |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue | 52.5% | 0.0% | 57.8% | |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | 1.4% | 4.9% | 9.6% | |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | 21.1% | 21.8% | 23.3% | |

| MARGINAL COST COMPONENTS \$000's | | | | Res | NGV | Core C&I | Total Core |
|--|----------|---------|--------------|-------------|-------|----------|--------------------|
| Subtotal Other Operating Costs and Revenues | | | \$21,399 | \$9,826 | \$339 | \$3,873 | \$14,038 |
| Regulatory Accounts | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | Υ | Υ | \$568 | \$498 | \$3 | \$64 | \$564 |
| Baseline Balance BA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Margin Only (non-NGV) | | Υ | \$25,990 | \$16,925 | \$0 | \$9,662 | \$26,587 |
| CFCA -NGV only | | Υ | \$666 | \$0 | \$681 | \$0 | \$681 |
| CFCA -Nonmargin Other | | Υ | \$566 | \$356 | \$21 | \$203 | \$579 |
| FCA -Nonmargin SCG | | Υ | \$29 | \$18 | \$1 | \$10 | \$29 |
| Environmental Fee Balance Account EFBA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| disconnect Memorandum Account (DMA) | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| sistribution Integrity Management Program Memorandum Account (DIMPBA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| ransmission Integrity Management Program Memorandum Account (TIMPBA) | | Υ | \$830 | \$314 | \$10 | \$124 | \$447 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| reen House Gas Balancing Account (GHGBA) - End User | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| ERC Settlement Proceeds MA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Gas Storage Balancing Acct. GSBA-C | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| azardous Substance Cleanup Cost Acct HSCCA | | Υ | \$509 | \$135 | \$8 | \$77 | \$219 |
| laster Meter Balancing Account (MMBA) | Υ | Υ | \$987 | \$865 | \$4 | \$111 | \$980 |
| atural Gas Supp Refund Track Acct | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| lew Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| lew Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| lew Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| FCA -Margin Only | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| IFCA -Nonmargin Other | | Υ | \$268 | \$0 | \$0 | \$0 | \$0 |
| IFCA -Nonmargin SCG | | Υ | \$2,604 | \$0 | \$0 | \$0 | \$0 |
| IGVA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| on-Core Gas Storage Balancing Acct GSBA-NC | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| ВОРВА | Υ | Υ | (\$519) | (\$455) | (\$2) | (\$58) | (\$515) |
| ension BA | Υ | Υ | \$4,070 | \$3,568 | \$18 | \$457 | \$4,042 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | | Υ | \$219 | \$83 | \$3 | \$33 | \$118 |
| ipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| afety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | | Υ | \$1,616 | \$611 | \$19 | \$241 | \$871 |
| safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | | Υ | \$14,531 | \$10,288 | \$183 | \$3,164 | \$13,636 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | | Υ | \$504 | \$191 | \$6 | \$75 | \$272 |
| afety Enhancement Expense Balancing Account (SEEBA) - Distribution | | Υ | \$1,672 | \$1,184 | \$21 | \$364 | \$1,569 |
| D&D 1-Way Bal Acct (Pre-2001) | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| ewards & Penalties Bal Acct RPBA | Υ | Υ | \$396 | \$348 | \$2 | \$44 | \$394 |
| elf Gen Memo Acct - SGPMA-CSI | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| self Gen Memo Acct - SGPMA-NonCSI | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| SGPMA - Rev Reg for NEXT Year | Υ | Υ | \$2,265 | \$1,985 | \$10 | \$254 | \$2,250 |
| Gain/Loss on Sale Memo Acct GLOSMA | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| ntegrated Transmission Margin ITBA | | Υ | \$319 | \$90 | \$5 | \$48 | \$144 |
| File = 2020 TCAP SDGE RD Model Chau | dhury SD | GE Work | papers - Pag | e 88 of 118 | | , - | Tab = Current Cost |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | | |
|---|-------|-----------|--------------|----------|---------------|--------------|----------------|----------|
| Subtotal Other Operating Costs and Revenues | \$517 | \$242 | \$7,093 | \$7,335 | \$7,852 | \$21,890 | \$491 | \$21,399 |
| Regulatory Accounts | | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | \$5 | \$2 | \$10 | \$12 | \$17 | \$581 | \$13 | \$568 |
| Baseline Balance BA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Margin Only (non-NGV) | \$0 | \$0 | \$0 | \$0 | \$0 | \$26,587 | \$596 | \$25,990 |
| CFCA -NGV only | \$0 | \$0 | \$0 | \$0 | \$0 | \$681 | \$15 | \$666 |
| CFCA -Nonmargin Other | \$0 | \$0 | \$0 | \$0 | \$0 | \$579 | \$13 | \$566 |
| CFCA -Nonmargin SCG | \$0 | \$0 | \$0 | \$0 | \$0 | \$29 | \$1 | \$29 |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | \$24 | \$11 | \$366 | \$377 | \$401 | \$849 | \$19 | \$830 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds MA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Gas Storage Balancing Acct. GSBA-C | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cleanup Cost Acct HSCCA | \$19 | \$9 | \$273 | \$282 | \$301 | \$520 | \$12 | \$509 |
| Master Meter Balancing Account (MMBA) | \$9 | \$3 | \$18 | \$21 | \$29 | \$1,010 | \$23 | \$987 |
| Natural Gas Supp Refund Track Acct | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Margin Only | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Nonmargin Other | \$17 | \$8 | \$249 | \$257 | \$275 | \$275 | \$6 | \$268 |
| NFCA -Nonmargin SCG | \$168 | \$79 | \$2,417 | \$2,496 | \$2,664 | \$2,664 | \$60 | \$2,604 |
| NGVA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Non-Core Gas Storage Balancing Acct GSBA-NC | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| РВОРВА | (\$5) | (\$1) | (\$9) | (\$11) | (\$15) | (\$531) | (\$12) | (\$519 |
| Pension BA | \$36 | \$12 | \$74 | \$86 | \$121 | \$4,163 | \$93 | \$4,070 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | \$6 | \$3 | \$97 | \$100 | \$106 | \$224 | \$5 | \$219 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$47 | \$21 | \$714 | \$735 | \$782 | \$1,653 | \$37 | \$1,616 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$280 | \$214 | \$735 | \$949 | \$1,228 | \$14,864 | \$333 | \$14,531 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$15 | \$6 | \$223 | \$229 | \$244 | \$516 | \$12 | \$504 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$32 | \$25 | \$85 | \$109 | \$141 | \$1,711 | \$38 | \$1,672 |
| RD&D 1-Way Bal Acct (Pre-2001) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Bal Acct RPBA | \$3 | \$1 | \$7 | \$8 | \$12 | \$406 | \$9 | \$396 |
| Self Gen Memo Acct - SGPMA-CSI | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Self Gen Memo Acct - SGPMA-NonCSI | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SGPMA - Rev Reg for NEXT Year | \$20 | \$6 | \$41 | \$48 | \$67 | \$2,317 | \$52 | \$2,265 |
| Gain/Loss on Sale Memo Acct GLOSMA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Integrated Transmission Margin ITBA | \$11 | \$5 | \$166 | \$171 | \$182 | \$326 | \$7 | \$319 |
| | | | - Page 89 of | | Ţ.0 <u>=</u> | | Current Cost A | |

| MARGINAL COST COMPONENTS \$000's | Source | Allocation | Total System | Res | NGV | Core C&I | Total Core | NCCI | EG <3 mmth/yr |
|---|--|------------------------------------|------------------|----------------|--------------|----------------|---------------|------------------|------------------|
| Subtotal Other Operating Costs and Revenues | • | | | | | | | | |
| Regulatory Accounts | | | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| On-Bill Financing Balancing Account (OBFBA) | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| Baseline Balance BA | Reg. Acct Filing 10/2017 | 100% Res | 100.0% | 100.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% |
| CFCA -Margin Only (non-NGV) | Reg. Acct Filing 10/2017 | ECPT-Core (non NGV) | 100.0% | 63.7% | 0.0% | 36.3% | 100.0% | 0.0% | 0.0% |
| CFCA -NGV only | Reg. Acct Filing 10/2017 | NGV only | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| CFCA -Nonmargin Other | Reg. Acct Filing 10/2017 | ECPT-Core | 100.0% | 61.4% | 3.6% | 35.0% | 100.0% | 0.0% | 0.0% |
| CFCA -Nonmargin SCG | Reg. Acct Filing 10/2017 | ECPT-Core | 100.0% | 61.4% | 3.6% | 35.0% | 100.0% | 0.0% | 0.0% |
| Environmental Fee Balance Account EFBA | Reg. Acct Filing 10/2017 | ECPT AB32 Fee Non-Exempt | 100.0% | 42.4% | 2.5% | 24.2% | 69.1% | 6.0% | 2.3% |
| Disconnect Memorandum Account (DMA) | Reg. Acct Filing 10/2017 | 100% Res | 100.0% | 100.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | Reg. Acct Filing 10/2017 | CYPM | 100.0% | 36.9% | 1.2% | 14.6% | 52.7% | 2.8% | 1.3% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | Reg. Acct Filing 10/2017 | ECPT | 100.0% | 25.9% | 1.5% | 14.8% | 42.2% | 3.6% | 1.7% |
| Green House Gas Balancing Account (GHGBA) - End User | Reg. Acct Filing 10/2017 | ECPT GHG Fee Non-Exempt | 100.0% | 55.5% | 3.2% | 31.7% | 90.4% | 4.7% | 3.5% |
| Green House Gas Balancing Account (GHGBA) - LUAF | Reg. Acct Filing 10/2017 | Method #3 -76.7% core @ ECPT / 23. | 100.0% | 47.1% | 2.7% | 26.9% | 76.7% | 1.5% | 0.7% |
| FERC Settlement Proceeds MA | Reg. Acct Filing 10/2017 | CAT allocation | 100.0% | 5.5% | 23.5% | 70.9% | 100.0% | 0.0% | 0.0% |
| Core Gas Storage Balancing Acct. GSBA-C | Reg. Acct Filing 10/2017 | ECPT-Core | 100.0% | 61.4% | 3.6% | 35.0% | 100.0% | 0.0% | 0.0% |
| Hazardous Substance Cleanup Cost Acct HSCCA | Reg. Acct Filing 10/2017 | | 100.0% | 25.9% | 1.5% | 14.8% | 42.2% | 3.6% | 1.7% |
| Master Meter Balancing Account (MMBA) | Reg. Acct Filing 10/2017 | | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| Natural Gas Supp Refund Track Acct | Reg. Acct Filing 10/2017 | ECPT | 100.0% | 25.9% | 1.5% | 14.8% | 42.2% | 3.6% | 1.7% |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | Reg. Acct Filing 10/2017 | | 100.0% | 42.4% | 2.5% | 24.2% | 69.1% | 6.0% | 2.3% |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | Reg. Acct Filing 10/2017 | • | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | Reg. Acct Filing 10/2017 | | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| NFCA -Margin Only | Reg. Acct Filing 10/2017 | | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 29.3% | 9.5% |
| NFCA -Nonmargin Other | Reg. Acct Filing 10/2017 | | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 6.3% | 3.0% |
| NFCA -Nonmargin SCG | Reg. Acct Filing 10/2017 | ECPT-Noncore | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 6.3% | 3.0% |
| NGVA | Reg. Acct Filing 10/2017 | ECPT | 100.0% | 25.9% | 1.5% | 14.8% | 42.2% | 3.6% | 1.7% |
| Non-Core Gas Storage Balancing Acct GSBA-NC | Reg. Acct Filing 10/2017 | | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 6.3% | 3.0% |
| PBOPBA | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| Pension BA | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | Reg. Acct Filing 10/2017 | CYPM | 100.0% | 36.9% | 1.2% | 14.6% | 52.7% | 2.8% | 1.3% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | Reg. Acct Filing 10/2017 | | 100.0% | 69.2% | 1.2% | 21.3% | 91.7% | 1.9% | 1.4% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | Reg. Acct Filing 10/2017 | | 100.0% | 36.9% | 1.2% | 14.6% | 52.7% | 2.8% | 1.3% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | Reg. Acct Filing 10/2017 | % HPD Peak Day | 100.0% | 69.2% | 1.2% | 21.3% | 91.7% | 1.9% | 1.4% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | Reg. Acct Filing 10/2017 | • | 100.0% | 36.9% | 1.2% | 14.6% | 52.7% | 2.8% | 1.3% |
| | | | 100.0% | 69.2% | 1.2% | 21.3% | 91.7% | 1.9% | 1.4% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | Reg. Acct Filing 10/2017 | | | | | | 42.2% | | |
| RD&D 1-Way Bal Acct (Pre-2001) Rewards & Penalties Bal Acct RPBA | Reg. Acct Filing 10/2017 Reg. Acct Filing 10/2017 | | 100.0% 100.0% | 25.9% 85.7% | 1.5% 0.4% | 14.8% 11.0% | 97.1% | 3.6% 0.9% | 1.7% 0.3% |
| Self Gen Memo Acct - SGPMA-CSI | Reg. Acct Filing 10/2017 Reg. Acct Filing 10/2017 | | | | | | | 0.9% | |
| | - | | 100.0% | 85.7% 95.7% | 0.4% | 11.0% | 97.1% | | 0.3% |
| Self Gen Memo Acct - SGPMA-NonCSI | Reg. Acct Filing 10/2017 | | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| SGPMA - Rev Req for NEXT Year | Reg. Acct Filing 10/2017 | | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| Gain/Loss on Sale Memo Acct GLOSMA | Reg. Acct Filing 10/2017 | | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| Integrated Transmission Margin ITBA File = 2020 TCAP SDGE RD Model Cha | Reg. Acct Filing 10/2017 udhury SDGE Workp | apers - Page 90 of 118 | 100.0% | 27.7% | 1.4% | 14.9% Tab | = Curren | 3.5% t Cost A | 1.7% Alloc |

| MARGINAL COST COMPONENTS \$000's | EG>=3 | Total EG | Total NonCore | |
|--|--------------|----------|------------------|---|
| Subtotal Other Operating Costs and Revenues | | Total LO | HOHOOFE | |
| | | | | |
| Regulatory Accounts | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | 1.8% | 0.0% | 2.9% | |
| On-Bill Financing Balancing Account (OBFBA) | 1.8% | 0.0% | 2.9% | |
| Baseline Balance BA | 0.0% | 0.0% | 0.0% | |
| CFCA -Margin Only (non-NGV) | 0.0% | 0.0% | 0.0% | |
| CFCA -NGV only | 0.0% | 0.0% | 0.0% | |
| CFCA -Nonmargin Other | 0.0% | 0.0% | 0.0% | |
| CFCA -Nonmargin SCG | 0.0% | 0.0% | 0.0% | |
| Environmental Fee Balance Account EFBA | 22.6% | 25.0% | 30.9% | |
| Disconnect Memorandum Account (DMA) | 0.0% | 0.0% | 0.0% | |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | 1.8% | 0.0% | 2.9% | |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | 43.2% | 0.0% | 47.3% | |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | 52.5% | 0.0% | 57.8% | |
| Green House Gas Balancing Account (GHGBA) - End User | 1.4% | 4.9% | 9.6% | |
| Green House Gas Balancing Account (GHGBA) - LUAF | 21.1% | 21.8% | 23.3% | |
| FERC Settlement Proceeds MA | 0.0% | 0.0% | 0.0% | |
| Core Gas Storage Balancing Acct. GSBA-C | 0.0% | 0.0% | 0.0% | |
| Hazardous Substance Cleanup Cost Acct HSCCA | 52.5% | 0.0% | 57.8% | |
| Master Meter Balancing Account (MMBA) | 1.8% | 0.0% | 2.9% | |
| Natural Gas Supp Refund Track Acct | 52.5% | 0.0% | 57.8% | |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subacc | | 25.0% | 30.9% | |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | 1.8% | 0.0% | 2.9% | |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subacco | | 0.0% | 2.9% | |
| | 61.2% | 70.7% | 100.0% | |
| NFCA -Margin Only | 90.7% | 0.0% | 100.0% | |
| NFCA Nonmargin Other | | | | |
| NFCA -Nonmargin SCG | 90.7% | 0.0% | 100.0% | |
| NGVA | 52.5% | 0.0% | 57.8% | |
| Non-Core Gas Storage Balancing Acct GSBA-NC | 90.7% | 0.0% | 100.0% | |
| PBOPBA | 1.8% | 0.0% | 2.9% | |
| Pension BA | 1.8% | 0.0% | 2.9% | |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | 43.2% | 0.0% | 47.3% | |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | 4.9% | 6.4% | 8.3% | |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmiss | | 0.0% | 47.3% | |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | 4.9% | 6.4% | 8.3% | |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | 43.2% | 0.0% | 47.3% | |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | 4.9% | 6.4% | 8.3% | |
| RD&D 1-Way Bal Acct (Pre-2001) | 52.5% | 0.0% | 57.8% | |
| Rewards & Penalties Bal Acct RPBA | 1.8% | 0.0% | 2.9% | |
| Self Gen Memo Acct - SGPMA-CSI | 1.8% | 0.0% | 2.9% | |
| Self Gen Memo Acct - SGPMA-NonCSI | 1.8% | 0.0% | 2.9% | |
| SGPMA - Rev Req for NEXT Year | 1.8% | 0.0% | 2.9% | |
| Gain/Loss on Sale Memo Acct GLOSMA | 1.8% | 0.0% | 2.9% | |
| Integrated Transmission Margin ITBA | 50.8% | 0.0% | 56.0% | |
| | Chaudhury SI | | | Ρ |

| MARGINAL COST COMPONENTS \$000's | | | | Res | NGV | Core C&I | Total Core |
|--|---|---|----------|-----------|-----------|-----------|-------------------|
| Integrated Transmission Nonmargin ITBA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | Υ | N | \$0 | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | | N | \$0 | \$0 | \$0 | \$0 | \$0 |
| CSI Thermal Program memoradum Account | | Υ | \$1,601 | \$855 | \$38 | \$605 | \$1,498 |
| Catastrophic Event Memo. Acct 2007 (CEMA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Z-Factor Memorandum Account | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Regulatory Accounts | | | \$59,691 | \$37,858 | \$1,028 | \$15,479 | \$54,365 |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | \$292,977 | \$2,603 | \$50,744 | \$346,324 |
| AVERAGE YEAR THROUGHPUT, Mth/yr | | | | 319,982 | 18,501 | 182,660 | 521,144 |
| Average Rate \$/th | | | | \$0.91560 | \$0.14069 | \$0.27781 | \$0.66455 |
| FFU Rate | | | | 102.29% | 102.29% | 102.29% | 102.29% |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | | |
|--|-----------|-----------|-----------|-----------|---------------|--------------|---------|----------|
| Integrated Transmission Nonmargin ITBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CSI Thermal Program memoradum Account | \$140 | \$0 | \$0 | \$0 | \$140 | \$1,638 | \$37 | \$1,601 |
| Catastrophic Event Memo. Acct 2007 (CEMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Z-Factor Memorandum Account | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Regulatory Accounts | \$828 | \$403 | \$5,465 | \$5,868 | \$6,696 | \$61,061 | \$1,370 | \$59,691 |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | \$3,788 | \$1,438 | \$17,651 | \$19,089 | \$22,877 | \$369,201 | | |
| AVERAGE YEAR THROUGHPUT, Mth/yr | 44,975 | 21,281 | 648,600 | 669,882 | 714,857 | 1,236,000 | | |
| Average Rate \$/th | \$0.08422 | \$0.06757 | \$0.02721 | \$0.02850 | \$0.03200 | \$0.29871 | | |
| FFU Rate | 102.29% | 102.29% | 102.29% | 102.29% | 102.29% | 102.29% | | |

SDG&E Cost Allocation Allocation Allocation %

July, 2018 Rates

| | | | Total | | | Core | Total | | EG <3 |
|--|--------------------------|--------------------------------|--------|-------|------|-------|-------|------|---------|
| MARGINAL COST COMPONENTS \$000's | Source | Allocation | System | Res | NGV | C&I | Core | NCCI | mmth/yr |
| Integrated Transmission Nonmargin ITBA | Reg. Acct Filing 10/2017 | CYTP | 100.0% | 27.7% | 1.4% | 14.9% | 44.0% | 3.5% | 1.7% |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| GRCRRMA Sub allocation for AB32 Admin Fees | Reg. Acct Filing 10/2017 | ECPT AB32 Fee Non-Exempt | 100.0% | 42.4% | 2.5% | 24.2% | 69.1% | 6.0% | 2.3% |
| CSI Thermal Program memoradum Account | Reg. Acct Filing 10/2017 | ECPT ex CARE, EG, Cost. Exempt | 100.0% | 52.2% | 2.3% | 36.9% | 91.4% | 8.6% | 0.0% |
| Catastrophic Event Memo. Acct 2007 (CEMA) | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| Z-Factor Memorandum Account | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |

Total Regulatory Accounts

| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | |
|---|---|
| AVERAGE YEAR THROUGHPUT, Mth/yr | |
| Average Rate \$/th | |
| FFU Rate | ľ |

MISC Inputs

July, 2018 Rates

| | EG>=3 | | Total |
|--|---------|----------|---------|
| MARGINAL COST COMPONENTS \$000's | mmth/yr | Total EG | NonCore |
| Integrated Transmission Nonmargin ITBA | 50.8% | 0.0% | 56.0% |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | 1.8% | 0.0% | 2.9% |
| GRCRRMA Sub allocation for AB32 Admin Fees | 22.6% | 25.0% | 30.9% |
| CSI Thermal Program memoradum Account | 0.0% | 0.0% | 8.6% |
| Catastrophic Event Memo. Acct 2007 (CEMA) | 1.8% | 0.0% | 2.9% |
| Z-Factor Memorandum Account | 1.8% | 0.0% | 2.9% |

Total Regulatory Accounts

| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr |
|---|
| AVERAGE YEAR THROUGHPUT, Mth/yr |
| Average Rate \$/th |
| FFU Rate |

| MARGINAL COST COMPONENTS \$000's | Res | NGV | Core C&I | Total Core |
|--|-----------|--------------------|-----------|------------|
| Sempra Wide & TLS Adjustments:: | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | \$292,977 | \$2,603 | \$50,744 | \$346,324 |
| SW NGV Adjustment | | \$262 | | \$262 |
| SW EG Adjustment | | | | \$0 |
| TLS Adjustment | | | | |
| Amount allocated to TLS Class \$000 | | | | \$0 |
| TLS revenue paid by class @ average TLS rate \$000 | | | | \$0 |
| | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | \$292,977 | \$2,864 | \$50,744 | \$346,586 |
| Rate Tables | \$292,977 | \$2,864 | \$50,744 | \$346,586 |
| difference | \$0 | \$0 | \$0 | <i>\$0</i> |
| AYTP Mth/yr | 319,982 | 18,501 | 182,660 | 521,144 |
| Average Rate w/oBTS \$/th | \$0.91560 | \$0.15482 | \$0.27781 | \$0.66505 |
| Rate Tables | \$0.91560 | \$0.15 4 82 | \$0.27781 | \$0.66505 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| BTS w/FFU Charge \$000 | \$9,177 | \$479 | \$4,914 | \$14,570 |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | \$302,154 | \$3,344 | \$55,659 | \$361,156 |
| Average Rate w/ BTS \$/th | \$0.94428 | \$0.18073 | \$0.30471 | \$0.69301 |
| Effective Allocation %'s: | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | 78.8% | 0.6% | 11.4% | 90.8% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 85.7% | 0.4% | 11.0% | 97.1% |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | 79.4% | 0.7% | 13.7% | 93.8% |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | 79.4% | 0.8% | 13.8% | 94.0% |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | |
|--|---------------------|-----------|--------------|------------|---------------|--------------|--|
| Sempra Wide & TLS Adjustments:: | | | | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | \$3,788 | | | \$19,089 | \$22,877 | \$369,201 | |
| SW NGV Adjustment | | | | | \$0 | \$262 | |
| SW EG Adjustment | | | | \$1,794 | \$1,794 | \$1,794 | |
| TLS Adjustment | | | | | | | |
| Amount allocated to TLS Class \$000 | (\$541) | | | (\$14,127) | (\$14,667) | (\$14,667) | |
| TLS revenue paid by class @ average TLS rate \$000 | \$419 | | | \$11,756 | \$12,175 | \$12,175 | |
| | (\$121) | | | (\$2,371) | (\$2,492) | (\$2,492) | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | \$3,667 | | | \$18,513 | \$22,179 | \$368,765 | |
| Rate Tables | \$3,667 | | | \$18,513 | \$22,179 | \$368,765 | |
| difference | \$0 | | | \$0 | \$0 | \$0 | |
| AVTD MIL / | 44.075 | | | 000 000 | 744.057 | 4 000 000 | |
| AYTP Mth/yr | 44,975 \$0,08453 | | | 669,882 | 714,857 | 1,236,000 | |
| Average Rate w/oBTS \$/th | \$0.08152 | | | \$0.02764 | \$0.03103 | \$0.29835 | |
| Rate Tables | \$0.08152 | | | \$0.02764 | \$0.03103 | \$0.29835 | |
| difference | \$0.00000 | | | \$0.00000 | \$0.00000 | \$0.00000 | |
| BTS w/FFU Charge \$000 | \$1,165 | \$551 | \$16,804 | \$17,355 | \$18,521 | \$33,091 | |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | \$4,832 | | | \$35,868 | \$40,700 | \$401,856 | |
| Average Rate w/ BTS \$/th | \$0.10743 | | | \$0.05354 | \$0.05693 | \$0.32513 | |
| Effective Allocation %'s: | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | 1.2% | 0.4% | 7.6% | 8.0% | 9.2% | 100.0% | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 0.9% | 0.4% | 1.8% | 2.1% | 2.9% | 100.0% | |
| Transport Rev Reg w/SI, FFU w/o BTS Rev, SW adj. TLS \$000/yr | 1.0% | 0.4% | 4.8% | 5.2% | 6.2% | 100.0% | |
| Transport Rev Reg w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | 1.0% | 0.4% | 4.6% 0.0% | 5.0% | 6.0% | 100.0% | |
| Transport Nev Ney W/Si, 11 0, SW auj, 115 W/O BIS Nev \$000/yi | 1.076 | 0.0% | 0.076 | 3.0% | 0.076 | 100.070 | |

SDG&E Cost Allocation Allocation Allocation %

| MARGINAL COST COMPONENTS \$000's | Source | Allocation | Total System | Res | NGV | Core C&I | Total Core | NCCI | EG <3 mmth/yr |
|--|------------------|----------------|-----------------|------|-----|-------------|---------------|------|------------------|
| Sempra Wide & TLS Adjustments:: | | 7.11.000.11011 | - Cycloni | 1100 | | | 00.0 | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | | | |
| SW NGV Adjustment | | | | | | | | | |
| SW EG Adjustment | | | | | | | | | |
| TLS Adjustment | | | | | | | | | |
| Amount allocated to TLS Class \$000 | | | | | | | | | |
| TLS revenue paid by class @ average TLS rate \$000 | | | | | | | | | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | _ | | | | | | | | |
| Rate Tables | Cost Alloc | | | | | | | | |
| difference | | | | | | | | | |
| AYTP Mth/yr | | | | | | | | | |
| Average Rate w/oBTS \$/th | | | | | | | | | |
| Rate Tables | Cost Alloc | | | | | | | | |
| difference | | | | | | | | | |
| BTS w/FFU Charge \$000 | SCG/ Local & BBT | | | | | | | | |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | _ | | | | | | | | |
| Average Rate w/ BTS \$/th | = | | | | | | | | |
| Effective Allocation %'s: | | | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | | | | | | |
| Transport Rev Reg w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | | | |
| Transport Rev Reg w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | | | | | | | | | |
| The state of the s | | | | | | | | | |

July, 2018 Rates

MARGINAL COST COMPONENTS \$000's

EG>=3

Total mmth/yr Total EG NonCore

Sempra Wide & TLS Adjustments::

Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr SW NGV Adjustment SW EG Adjustment

TLS Adjustment

Amount allocated to TLS Class \$000

TLS revenue paid by class @ average TLS rate \$000

Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr

Rate Tables difference

AYTP Mth/yr

Average Rate w/oBTS \$/th

Rate Tables difference

BTS w/FFU Charge \$000

Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr

Average Rate w/ BTS \$/th

Effective Allocation %'s:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr

| MARGINAL COST COMPONENTS \$000's | Res | NGV | Core C&I | Total Core |
|--|-------------|---------|----------|-------------------|
| Embedded Costs: | | | | |
| Customer Related Costs | (\$12,197) | (\$87) | \$743 | (\$11,541) |
| Medium Pressure Distribution Costs | \$2,000 | \$429 | \$5,006 | \$7,435 |
| High Pressure Distribution Costs | \$6,265 | \$157 | \$2,804 | \$9,226 |
| Backbone Transmission Costs | (\$695) | \$182 | \$310 | (\$203) |
| Local Transmission Costs | \$0 | \$0 | \$0 | \$0 |
| Storage - Borrego | \$0 | \$0 | \$0 | \$0 |
| Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | \$0 | \$0 | \$0 | \$0 |
| NGV | <u></u> \$0 | \$153 | \$0 | \$153 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | (\$4,627) | \$833 | \$8,864 | \$5,070 |
| Less Backbone Transmission Costs | \$695 | (\$182) | (\$310) | \$203 |
| Less Local Transmission Costs | \$0 | \$0 | \$0 | \$0 |
| | \$0 | \$0 | \$0 | \$0 |
| Plus Local Transmission Costs w/SI,FFU | (\$90) | \$24 | \$201 | \$135 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | (\$4,022) | \$675 | \$8,755 | \$5,408 |

| | | | Amount to | | | | |
|---|---------------|-----------|---------------|---------|--------|---------|-----------|
| | | Add FFU Y | Allocate (w/o | | | | |
| Other Operating Costs and Revenues | Non-ECPT? | or N? | F&U) | | | | |
| SCG Transport excl Core Storge & Load Balance \$000 | | Y | (\$3,800) | (\$896) | (\$26) | (\$444) | (\$1,367) |
| SCG Core Seasonal Storage | | Υ | \$4,898 | \$3,549 | \$19 | \$1,443 | \$5,011 |
| SCG Load Balancing Allocated to ALL SDGE \$000 | | Υ | \$4,899 | \$1,500 | \$134 | \$981 | \$2,615 |
| n/a | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| LUAF | | Υ | (\$333) | (\$195) | \$4 | (\$70) | (\$261) |
| Company Use Gas: Other | | Υ | (\$71) | (\$16) | (\$0) | (\$7) | (\$23) |
| AMI rev req incl FF&U AL 1693-G | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| AB32 Fees (subtracted from base margin and allocated here) | | Υ | \$0 | \$18 | \$6 | \$24 | \$48 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenu | e Requirement | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Subtotal Other Operating Costs and Revenues | | | \$5,593 | \$3,960 | \$136 | \$1,926 | \$6,022 |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total |
|---|---------|-----------|-----------|-----------|---------------|--------------|
| Embedded Costs: | | | | | | |
| Customer Related Costs | (\$720) | \$373 | (\$66) | \$307 | (\$413) | (\$11,954) |
| Medium Pressure Distribution Costs | \$66 | \$401 | (\$11) | \$389 | \$455 | \$7,890 |
| High Pressure Distribution Costs | \$169 | \$151 | \$67 | \$218 | \$387 | \$9,614 |
| Backbone Transmission Costs | \$30 | \$280 | (\$5,809) | (\$5,529) | (\$5,499) | (\$5,702) |
| Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Borrego | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NGV | \$0 | \$0 | \$0 | \$0 | \$0 | \$153 |
| otal Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | (\$456) | \$1,204 | (\$5,819) | (\$4,614) | (\$5,070) | \$0 |
| Less Backbone Transmission Costs | (\$30) | (\$280) | \$5,809 | \$5,529 | \$5,499 | \$5,702 |
| Less Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Plus Local Transmission Costs w/SI,FFU | (\$1) | \$33 | (\$1,433) | (\$1,400) | (\$1,401) | (\$1,266) |
| otal Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | (\$487) | \$958 | (\$1,443) | (\$485) | (\$972) | \$4,436 |

| Other Operating Costs and Revenues | | | | | | | F&U Amount \$000 | Total Allocated \$000 |
|--|---------|--------|-----------|-----------|-----------|-----------|---------------------|--------------------------|
| SCG Transport excl Core Storge & Load Balance \$000 | (\$114) | (\$22) | (\$2,385) | (\$2,407) | (\$2,521) | (\$3,888) | (\$87) | (\$3,800) |
| SCG Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,011 | \$112 | \$4,898 |
| SCG Load Balancing Allocated to ALL SDGE \$000 | \$234 | \$169 | \$1,994 | \$2,163 | \$2,397 | \$5,012 | \$112 | \$4,899 |
| n/a | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| LUAF | \$3 | \$7 | (\$89) | (\$82) | (\$79) | (\$341) | (\$8) | (\$333) |
| Company Use Gas: Other | (\$2) | \$0 | (\$48) | (\$48) | (\$50) | (\$73) | (\$2) | (\$71) |
| AMI rev req incl FF&U AL 1693-G | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AB32 Fees (subtracted from base margin and allocated here) | \$5 | \$11 | (\$64) | (\$53) | (\$48) | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Subtotal Other Operating Costs and Revenues | \$126 | \$165 | (\$592) | (\$427) | (\$301) | \$5,721 | \$128 | \$5,593 |

2020 TCAP Application

TLS:

| Less Backbone Transmission Costs (\$31) (\$176) \$1,213 \$1 \$4,492 \$4,493 Less Local Transmission Costs \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 Plus Local Transmission Costs w/SI,FFU \$1 \$32 (\$187) (\$3) (\$1,244) (\$1,247) Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU (\$441) \$975 (\$155) (\$46) (\$1,305) (\$1,351) Other Operating Costs and Revenues | MARGINAL COST COMPONENTS \$000's | NCCI-D | EG-D1 | EG-D2 | NCCI-T | EG-T | Total SDG&E TLS |
|---|--|---------|---------|-----------|--------|-----------|--------------------|
| Medium Pressure Distribution Costs \$66 \$401 \$11 \$5 \$5 \$5 \$5 \$5 \$5 | Embedded Costs: | | | | | | |
| High Pressure Distribution Costs \$169 | Customer Related Costs | (\$677) | \$392 | (\$24) | (\$43) | (\$61) | (\$104) |
| Backbone Transmission Costs \$31 \$176 \$1213 \$19 \$4492 \$4493 \$1000 \$10 | Medium Pressure Distribution Costs | \$66 | \$401 | (\$11) | \$0 | \$0 | \$0 |
| Local Transmission Costs \$0 | High Pressure Distribution Costs | \$169 | \$151 | * * * | \$0 | | |
| Core Seasonal Storage | Backbone Transmission Costs | \$31 | \$176 | (\$1,213) | (\$1) | (\$4,492) | (\$4,493) |
| Core Seasonal Storage \$0 | Local Transmission Costs | \$0 | \$0 | | | \$0 | |
| Storage - Load Balancing Storage - Load Bala | Storage - Borrego | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NGV S0 S0 S0 S0 S0 S0 S0 S | Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| State Margin Allocation pre-SI, pre-BTS Unbndle w/FFU S1.119 S1.119 S1.1180 (\$45) (\$4,553) (\$4,597) | Storage - Load Balancing | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Less Backbone Transmission Costs (\$31) (\$176) \$1,213 \$1 \$4,492 \$4,493 \$4,693 \$1 \$2,493 \$1 \$2,493 \$1 \$2,493 \$1 \$2,493 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$ | NGV | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Less Backbone Transmission Costs (\$31) (\$176) \$1,213 \$1 \$4,492 \$4,493 Less Local Transmission Costs \$0 | Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | (\$411) | \$1,119 | (\$1,180) | (\$45) | (\$4,553) | (\$4,597) |
| Plus Local Transmission Costs w/SI,FFU | Less Backbone Transmission Costs | (\$31) | (\$176) | \$1,213 | | \$4,492 | \$4,493 |
| Cher Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 \$69 \$29 \$345 \$164 \$86 \$1,845 \$1,931 \$100 \$1,000 | Less Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 (\$69) (\$29) (\$345) (\$45) (\$2,033) (\$2,078) SCG Core Seasonal Storage \$0 <td>Plus Local Transmission Costs w/SI,FFU</td> <td>\$1</td> <td>\$32</td> <td>(\$187)</td> <td>(\$3)</td> <td>(\$1,244)</td> <td>(\$1,247)</td> | Plus Local Transmission Costs w/SI,FFU | \$1 | \$32 | (\$187) | (\$3) | (\$1,244) | (\$1,247) |
| SCG Transport excl Core Storge & Load Balance \$000 (\$69) (\$29) (\$345) (\$45) (\$2,033) (\$2,078) SCG Core Seasonal Storage \$0 | Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | (\$441) | \$975 | (\$155) | (\$46) | (\$1,305) | (\$1,351) |
| SCG Transport excl Core Storge & Load Balance \$000 (\$69) (\$29) (\$345) (\$45) (\$2,033) (\$2,078) SCG Core Seasonal Storage \$0 | | | | | | | |
| SCG Core Seasonal Storage \$0 \$0 \$0 \$0 \$0 SCG Load Balancing Allocated to ALL SDGE \$000 \$147 \$154 \$164 \$86 \$1,845 \$1,931 n/a \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 LUAF \$2 \$4 (\$21) \$1 (\$65) (\$64) Company Use Gas: Other (\$1) (\$0) (\$7) (\$1) (\$40) (\$41) AMI rev req incl FF&U AL 1693-G \$0 \$0 \$0 \$0 \$0 \$0 \$0 AB32 Fees (subtracted from base margin and allocated here) \$3 \$7 (\$21) \$2 (\$39) (\$37) Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue \$0 < | Other Operating Costs and Revenues | | | | | | |
| SCG Load Balancing Allocated to ALL SDGE \$000 \$147 \$154 \$164 \$86 \$1,845 \$1,931 n/a \$0 \$0 \$0 \$0 \$0 \$0 \$0 LUAF \$2 \$4 (\$21) \$1 (\$65) (\$64) Company Use Gas: Other (\$1) (\$0) \$0 \$0 \$0 \$0 \$0 \$0 AMI rev req incl FF&U AL 1693-G \$0 </td <td>SCG Transport excl Core Storge & Load Balance \$000</td> <td>(\$69)</td> <td>(\$29)</td> <td>(\$345)</td> <td>(\$45)</td> <td>(\$2,033)</td> <td>(\$2,078)</td> | SCG Transport excl Core Storge & Load Balance \$000 | (\$69) | (\$29) | (\$345) | (\$45) | (\$2,033) | (\$2,078) |
| n/a \$0 | SCG Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| LUAF \$2 \$4 (\$21) \$1 (\$65) (\$64) Company Use Gas: Other (\$1) (\$0) (\$7) (\$1) (\$40) (\$41) AMI rev req incl FF&U AL 1693-G \$0 | SCG Load Balancing Allocated to ALL SDGE \$000 | \$147 | \$154 | \$164 | \$86 | \$1,845 | \$1,931 |
| Company Use Gas: Other (\$1) (\$0) (\$7) (\$1) (\$40) (\$41) AMI rev req incl FF&U AL 1693-G \$0 \$ | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AMI rev req incl FF&U AL 1693-G \$0 \$37 (\$37) (\$37) \$3 \$7 (\$21) \$2 (\$39) (\$37) \$0 | LUAF | \$2 | \$4 | (\$21) | \$1 | (\$65) | (\$64) |
| AB32 Fees (subtracted from base margin and allocated here) \$3 \$7 (\$21) \$2 (\$39) (\$37) Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue \$0 <td>Company Use Gas: Other</td> <td>(\$1)</td> <td>(\$0)</td> <td>(\$7)</td> <td>(\$1)</td> <td>(\$40)</td> <td>(\$41)</td> | Company Use Gas: Other | (\$1) | (\$0) | (\$7) | (\$1) | (\$40) | (\$41) |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | AMI rev req incl FF&U AL 1693-G | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | AB32 Fees (subtracted from base margin and allocated here) | \$3 | \$7 | (\$21) | \$2 | (\$39) | (\$37) |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement \$0 \$0 \$0 \$0 \$0 \$0 | Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| | Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Subtotal Other Operating Costs and Revenues \$83 \$136 (\$231) \$43 (\$333) (\$289) | Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| | Subtotal Other Operating Costs and Revenues | \$83 | \$136 | (\$231) | \$43 | (\$333) | (\$289) |

| MARGINAL COST COMPONENTS \$000's | | | | Res | NGV | Core C&I | Total Core | |
|--|---------------|------------|-------------|-------------------------|------------|-------------|---------------|--------|
| Regulatory Accounts | | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | |
| On-Bill Financing Balancing Account (OBFBA) | Υ | Υ | \$0 | (\$16) | \$1 | \$17 | \$2 | |
| Baseline Balance BA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | |
| CFCA -Margin Only | | Υ | \$0 | (\$532) | \$0 | \$532 | \$0 | |
| CFCA -NGV only | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | |
| CFCA -Nonmargin Other | | Υ | \$0 | (\$15) | \$6 | \$9 | \$0 | |
| CFCA -Nonmargin SCG | | Υ | \$0 | (\$1) | \$0 | \$0 | \$0 | |
| Environmental Fee Balance Account EFBA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | |
| Disconnect Memorandum Account (DMA) | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | |
| istribution Integrity Management Program Memorandum Account (DIMPBA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | |
| ransmission Integrity Management Program Memorandum Account (TIMPBA) | | Υ | \$0 | \$39 | \$4 | \$40 | \$83 | |
| reen House Gas Balancing Account (GHGBA) - Company Gas Compressor | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | |
| reen House Gas Balancing Account (GHGBA) - End User | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | |
| reen House Gas Balancing Account (GHGBA) - LUAF | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | |
| ERC Settlement Proceeds MA | | Y | \$0 | \$0 | \$0 | \$0 | \$0 | |
| Fore Gas Storage Balancing Acct. GSBA-C | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | |
| lazardous Substance Cleanup Cost Acct HSCCA | | Y | \$0 | \$12 | \$4 | \$14 | \$30 | |
| laster Meter Balancing Account (MMBA) | Υ | Ϋ́ | \$0 | (\$27) | \$2 | \$29 | \$4 | |
| latural Gas Supp Refund Track Acct | | Ϋ́ | \$0 | \$0 | \$0 | \$0 | \$0 | |
| lew Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccou | int | Y | \$0 | \$0 | \$0 | \$0 | \$0 | |
| ew Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | Y | Y | \$0 | \$0 | \$0 | \$0 | \$0 | |
| ew Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccourt | | Ϋ́ | \$0 \$0 | \$0 | \$0 | \$0 | \$0 \$0 | |
| FCA -Margin Only | Y | Ϋ́ | \$0 \$0 | \$0 | \$0 | \$0 | \$0 \$0 | |
| FCA -Nonmargin Other | , | Ϋ́ | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | |
| FCA -Nonmargin SCG | | Ϋ́ | \$0 \$0 | \$0 | \$0 | \$0 | \$0 \$0 | |
| GVA | | Ϋ́ | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | |
| on-Core Gas Storage Balancing Acct GSBA-NC | | Ϋ́ | \$0 \$0 | \$0 \$0 | \$0 | \$0 \$0 | \$0 \$0 | |
| BOPBA | Y | Y | \$0 \$0 | \$14 | (\$1) | (\$15) | (\$2) | |
| ension BA | Y | Y | \$0 \$0 | · | \$9 | \$118 | \$16 | |
| | 1 | Υ | | (\$112) | | • | | |
| ipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | | Ϋ́ | \$0 \$0 | \$10 \$0 | \$1 ©0 | \$11 | \$22 | |
| ipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | | | \$0 \$0 | \$0 \$70 | \$0 ©0 | \$0 \$70 | \$0 \$4.64 | |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | n | Y | \$0 *** | \$76 | \$8 | \$78 | \$161 | |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | | Y | \$0 *** | (\$315) | \$31 | \$614 | \$330 | |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | | Y | \$0 *** | \$24 | \$2 | \$24 | \$50 | |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | | Y | \$ 0 | (\$36) | \$4 | \$71 | \$38 | |
| RD&D 1-Way Bal Acct (Pre-2001) | | Y | \$ 0 | \$0 | \$0 | \$0 \$13 | \$0 | |
| Rewards & Penalties Bal Acct RPBA | Y | Υ | \$0 | (\$11) | \$1 | \$12 | \$2 | |
| Self Gen Memo Acct - SGPMA-CSI | Y | Y | \$0 | \$0 | \$0 | \$0 | \$0 | |
| elf Gen Memo Acct - SGPMA-NonCSI | Y | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | |
| GPMA - Rev Req for NEXT Year | Y | Y | \$0 | (\$1,975) | (\$10) | \$21 | (\$1,964) | |
| Gain/Loss on Sale Memo Acct GLOSMA | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | |
| ntegrated Transmission Margin ITBA | | Υ | \$0 | \$7 | \$2 | \$9 | \$19 | |
| ntegrated Transmission Nonmargin ITBA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | |
| General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | |
| GRCRRMA Sub allocation for AB32 Admin Fees | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 | |
| CSI THIN THE EDUCATION OF THE CONTROL OF THE CONTRO | haudhury SDGE | Workpapers | - Page 1 | 03 of ^(\$33) | \$37 | (\$7) | (\$3) T | ab = F |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | | |
|---|---------------------------|-------------------|--------------|-----------------------|---------------|--------------|-----------------|------------|
| Regulatory Accounts | | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | (\$1) | \$2 | (\$3) | (\$1) | (\$2) | \$0 | \$0 | \$0 |
| Baseline Balance BA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Margin Only | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -NGV only | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Nonmargin Other | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Nonmargin SCG | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | \$4 | \$5 | (\$91) | (\$86) | (\$83) | \$0 | (\$0) | \$0 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds MA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Gas Storage Balancing Acct. GSBA-C | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cleanup Cost Acct HSCCA | \$3 | \$5 | (\$38) | (\$33) | (\$30) | \$0 | \$0 | \$0 |
| Master Meter Balancing Account (MMBA) | (\$2) | \$3 | (\$5) | (\$2) | (\$4) | \$0 | \$0 | \$0 |
| Natural Gas Supp Refund Track Acct | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | • | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Margin Only | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Nonmargin Other | \$5 | \$6 | (\$11) | (\$5) | \$0 | \$0 | \$0 | \$0 |
| NFCA -Nonmargin SCG | \$49 | \$58 | (\$107) | (\$49) | \$0 | \$0 | \$0 | \$0 |
| NGVA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Non-Core Gas Storage Balancing Acct GSBA-NC | \$ 0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| PBOPBA | \$1 | (\$2) | \$3 | \$0 \$1 | \$2 | \$0 | (\$0) | \$0 |
| Pension BA | (\$8) | \$14 | (\$22) | (\$8) | (\$16) | \$0 | \$0 | \$0 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | \$1 | \$1 | (\$24) | (\$23) | (\$22) | \$0 | \$0 \$0 | \$0 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | · | \$0 \$10 | (\$178) | (\$168) | (\$161) | \$0 \$0 | \$0 \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | (\$10) | \$10 \$10 | (\$331) | (\$320) | (\$330) | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| | , | | | | | | \$0 \$0 | \$0 \$0 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$2 (\$4) | \$3 \$1 | (\$56) | (\$52) | (\$50) | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | (\$1) | | (\$38) | (\$37) | (\$38) | | | |
| RD&D 1-Way Bal Acct (Pre-2001) | \$0 (\$4) | \$0 \$4 | \$0 (\$3) | \$0 (\$4) | \$0 (\$3) | \$0 \$0 | \$0 \$0 | \$0 ©0 |
| Rewards & Penalties Bal Acct RPBA | (\$1) | \$1 \$0 | (\$2) | (\$1) | (\$2) | \$0 \$0 | \$0 \$0 | \$0 ©0 |
| Self Gen Memo Acct - SGPMA-CSI | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 *** | \$0 ©0 |
| Self Gen Memo Acct - SGPMA-NonCSI | \$0 (\$30) | \$0 \$107 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 *** | \$0 |
| SGPMA - Rev Req for NEXT Year | (\$20) | \$107 | \$1,876 | \$1,984 | \$1,964 | \$0 *** | \$0 *** | \$0 |
| Gain/Loss on Sale Memo Acct GLOSMA | \$0 \$0 | \$0 \$0 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 *** | \$0 |
| Integrated Transmission Margin ITBA | \$2 | \$3 \$0 | (\$23) | (\$20) | (\$19) | \$0 \$0 | \$0 \$0 | \$0 ©0 |
| Integrated Transmission Nonmargin ITBA | \$0 \$0 | \$0 \$0 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 *** | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) | \$0 \$0 | \$0 2 0 | \$0 | \$0 | \$0 | \$0 \$0 | \$ 0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 \$0 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 | \$0 |
| CSI Thermal Broson CAP SDGE RD Model Ch | audhurÿ ³ SDGl | E Workpapers | - Page 104 c | of 118 ^{\$0} | \$3 | \$0 | Tab = Reconcile | \$0 |

TLS:

| | | | | | | Total SDG&E |
|--|-----------------------------|-------------------|-------------|--------------|--------------|--------------|
| MARGINAL COST COMPONENTS \$000's | NCCI-D | EG-D1 | EG-D2 | NCCI-T | EG-T | TLS |
| Regulatory Accounts | • | 0 | 0 | 0 | 0 | • |
| Adv Mtring Infrastructure Balancing Acct AMIBA | \$0 (C1) | \$0 \$0 | \$0 (CO) | \$0 (\$0) | \$0 (\$2) | \$0 (\$2) |
| On-Bill Financing Balancing Account (OBFBA) | (\$1) | \$2 | (\$0) | (\$0) | (\$3) | (\$3) |
| Baseline Balance BA | \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| CFCA -Margin Only | \$0 | \$0 2 0 | \$0 *** | \$0 | \$0 \$0 | \$0 |
| CFCA -NGV only | \$0 | \$0 2 0 | \$0 ••• | \$0 | \$0 \$0 | \$0 |
| CFCA -Nonmargin Other | \$0 | \$0 2 0 | \$0 *** | \$0 | \$0 \$0 | \$0 *** |
| CFCA -Nonmargin SCG | \$0 | \$0 2 0 | \$0 | \$0 | \$0 \$3 | \$0 |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | \$2 | \$5 | (\$13) | \$1 | (\$78) | (\$77) |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds MA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Gas Storage Balancing Acct. GSBA-C | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cleanup Cost Acct HSCCA | \$2 | \$3 | (\$12) | \$1 | (\$25) | (\$24) |
| Master Meter Balancing Account (MMBA) | (\$2) | \$3 | (\$1) | (\$0) | (\$5) | (\$5) |
| Natural Gas Supp Refund Track Acct | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subacc | count \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subacco | ount \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Margin Only | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Nonmargin Other | \$3 | \$4 | (\$8) | \$2 | (\$1) | \$1 |
| NFCA -Nonmargin SCG | \$32 | \$42 | (\$81) | \$17 | (\$10) | \$7 |
| NGVA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Non-Core Gas Storage Balancing Acct GSBA-NC | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| PBOPBA | \$1 | (\$2) | \$0 | \$0 | \$2 | \$3 |
| Pension BA | (\$7) | \$14 | (\$3) | (\$1) | (\$20) | (\$20) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | \$1 | \$1 | (\$4) | \$0 | (\$21) | (\$20) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmis | sion \$5 | \$9 | (\$26) | \$2 | (\$152) | (\$149) |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | (\$10) | \$10 | (\$331) | \$0 | \$0 | \$0 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$1 | \$3 | (\$8) | \$1 | (\$47) | (\$47) |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | (\$1) | \$1 | (\$38) | \$0 | \$0 | \$0 |
| RD&D 1-Way Bal Acct (Pre-2001) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Bal Acct RPBA | (\$1) | \$1 | (\$0) | (\$0) | (\$2) | (\$2) |
| Self Gen Memo Acct - SGPMA-CSI | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Self Gen Memo Acct - SGPMA-NonCSI | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SGPMA - Rev Reg for NEXT Year | (\$18) | \$88 | \$158 | (\$1) | \$1,737 | \$1,736 |
| Gain/Loss on Sale Memo Acct GLOSMA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Integrated Transmission Margin ITBA | \$1 | \$2 | (\$7) | \$1 | (\$16) | (\$15) |
| Integrated Transmission Nonmargin ITBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) | \$0 | \$0 \$0 | \$0 \$0 | \$0 | \$0 \$0 | \$0 \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| | · | * - | \$0 \$0 | (\$1) | \$0 \$0 | Ψΰ |
| CSI THIRM I ZOZOT CAPOSOUSEARCUNIO DE LA COLOR DE LA C | Chaudhury SDGE Workpapers - | Page 105 of 118 | ΨΟ | (Ф1) | φυ | Tab = (\$1) |

| MARGINAL COST COMPONENTS \$000's | | | | Res | NGV | Core C&I | Total Core |
|---|---|---|-----|-----------|-----------|-----------|-------------------|
| Catastrophic Event Memo. Acct 2007 (CEMA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Z-Factor Memorandum Account | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Regulatory Accounts | | | \$0 | (\$2,891) | \$102 | \$1,577 | (\$1,212) |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | (\$2,952) | \$913 | \$12,258 | \$10,218 |
| AVERAGE YEAR THROUGHPUT, Mth/yr | | | | (6,748) | 5,627 | 12,117 | 10,997 |
| Average Rate \$/th | | | | \$0.01030 | \$0.00501 | \$0.04565 | \$0.00547 |
| FFU Rate | | | | 0.00% | 0.00% | 0.00% | 0.00% |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | | |
|---|-------------|-----------|-----------|-----------|----------------------|--------------|-----|-----|
| Catastrophic Event Memo. Acct 2007 (CEMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Z-Factor Memorandum Account | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Regulatory Accounts | \$34 | \$229 | \$949 | \$1,178 | \$1,212 | \$0 | \$0 | \$0 |
| | | | | | | \$0 | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | (\$327) | \$1,351 | (\$1,085) | \$266 | (\$61) | \$10,157 | | |
| AVERAGE YEAR THROUGHPUT, Mth/yr | 1,970 | 8,455 | (148,106) | (139,651) | (137,682) | (126,685) | | |
| Average Rate \$/th | (\$0.01050) | \$0.02623 | \$0.00589 | \$0.00801 | \$0.00753 | \$0.04327 | | |
| FFU Rate | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |

2020 TCAP Application

TLS:

| | | | | | | Total SDG&E |
|---|-------------|-----------|-----------|-----------|-----------|-------------|
| MARGINAL COST COMPONENTS \$000's | NCCI-D | EG-D1 | EG-D2 | NCCI-T | EG-T | TLS |
| Catastrophic Event Memo. Acct 2007 (CEMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Z-Factor Memorandum Account | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Regulatory Accounts | \$13 | \$189 | (\$373) | \$22 | \$1,362 | \$1,383 |
| | | | | | \$0 | \$0 |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | (\$346) | \$1,300 | (\$758) | \$19 | (\$276) | (\$257) |
| AVERAGE YEAR THROUGHPUT, Mth/yr | 1,569 | 5,451 | (32,391) | 401 | (112,712) | (112,311) |
| Average Rate \$/th | (\$0.01802) | \$0.03707 | \$0.01731 | \$0.00035 | \$0.00541 | \$0.00577 |
| FFU Rate | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |

| MARGINAL COST COMPONENTS \$000's | Res | NGV | Core C&I | Total Core |
|---|-----------|-----------|-----------|------------|
| Sempra Wide & TLS Adjustments:: | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | (2,952) | 913 | 12,258 | 10,218 |
| SW NGV Adjustment | 0 | 32 | 0 | 32 |
| SW EG Adjustment | \$0 | \$0 | \$0 | \$0 |
| TLS Adjustment | | | | |
| Amount allocated to TLS Class \$000 | \$0 | \$0 | \$0 | \$0 |
| TLS revenue paid by class @ average TLS rate \$000 | \$0 | \$0 | \$0 | \$0 |
| | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | (\$2,952) | \$945 | \$12,258 | \$10,250 |
| Rate Tables | (\$2,952) | \$945 | \$12,258 | \$10,250 |
| difference | \$0 | \$0 | \$0 | \$0 |
| AYTP Mth/yr | (6,748) | 5,627 | 12,117 | 10,997 |
| Average Rate w/oBTS \$/th | \$0.01030 | \$0.00304 | \$0.04565 | \$0.00552 |
| Rate Tables | \$0.01030 | \$0.00304 | \$0.04565 | \$0.00552 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| BTS w/FFU Charge \$000 | (\$37) | \$163 | \$495 | \$621 |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | (\$2,989) | \$1,107 | \$12,753 | \$10,871 |
| Average Rate w/ BTS \$/th | \$0.01080 | \$0.00374 | \$0.04652 | \$0.00611 |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | |
|---|-------------|-------------|-----------|-----------|---------------|--------------|--|
| Sempra Wide & TLS Adjustments:: | | | | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | (327) | 0 | 0 | 266 | (61) | 10,157 | |
| SW NGV Adjustment | 0 | 0 | 0 | 0 | 0 | 32 | |
| SW EG Adjustment | \$0 | \$0 | \$0 | (\$800) | (\$800) | (\$800) | |
| TLS Adjustment | | | | | | | |
| Amount allocated to TLS Class \$000 | (\$19) | \$0 | \$0 | \$276 | \$257 | \$257 | |
| TLS revenue paid by class @ average TLS rate \$000 | \$150 | \$0 | \$0 | \$1,367 | \$1,516 | \$1,516 | |
| | \$131 | \$0 | \$0 | \$1,642 | \$1,773 | \$1,773 | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | (\$196) | \$0 | \$0 | \$1,109 | \$912 | \$11,163 | |
| Rate Tables | (\$196) | \$ <i>0</i> | \$0 | \$1,109 | \$912 | \$11,163 | |
| difference | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| AYTP Mth/yr | 1,970 | 0 | 0 | (139,651) | (137,682) | (126,685) | |
| Average Rate w/oBTS \$/th | (\$0.00760) | \$0.00000 | \$0.00000 | \$0.00937 | \$0.00898 | \$0.04413 | |
| Rate Tables | (\$0.00760) | \$0.00000 | \$0.00000 | \$0.00937 | \$0.00898 | \$0.04413 | |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | |
| BTS w/FFU Charge \$000 | \$84 | \$240 | (\$3,483) | (\$3,243) | (\$3,159) | (\$2,538) | |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | (\$112) | \$0 | \$0 | (\$2,135) | (\$2,247) | \$8,624 | |
| Average Rate w/ BTS \$/th | (\$0.00690) | \$0.00000 | \$0.00000 | \$0.01008 | \$0.00969 | \$0.04490 | |

2020 TCAP Application

TLS:

| | | | | | | Total SDG&E |
|---|-------------|-----------|-----------|-----------|-----------|-------------|
| MARGINAL COST COMPONENTS \$000's | NCCI-D | EG-D1 | EG-D2 | NCCI-T | EG-T | TLS |
| Sempra Wide & TLS Adjustments:: | | | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | (\$346) | \$1,300 | (\$758) | \$19 | (\$276) | (\$257) |
| SW NGV Adjustment | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SW EG Adjustment | \$0 | (\$530) | (\$270) | \$0 | (\$800) | (\$800) |
| TLS Adjustment | | | | | | |
| Amount allocated to TLS Class \$000 | \$0 | \$0 | \$0 | (\$19) | \$276 | \$257 |
| TLS revenue paid by class @ average TLS rate \$000 | \$0 | \$0 | \$0 | \$150 | \$1,367 | |
| | | \$0 | \$0 | \$0 | \$1,642 | \$1,642 |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | (\$346) | \$770 | (\$1,028) | \$150 | \$1,367 | \$1,516 |
| Rate Tables | \$0 | \$770 | (\$1,028) | \$150 | \$1,367 | \$1,516 |
| difference | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AYTP Mth/yr | 1,569 | 0 | 0 | 401 | 0 | 401 |
| Average Rate w/oBTS \$/th | (\$0.01802) | \$0.00000 | \$0.00000 | \$0.00796 | \$0.00000 | \$0.00796 |
| Rate Tables | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| BTS w/FFU Charge \$000 | (\$3,243) | \$159 | (\$808) | \$23 | (\$2,594) | (\$2,571) |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | (\$285) | \$1,459 | (\$1,566) | \$42 | (\$2,870) | (\$2,828) |
| Average Rate w/ BTS \$/th | (\$0.01731) | \$0.03777 | \$0.01802 | \$0.00106 | \$0.00612 | \$0.00718 |

| Data From SCG RD Model | | Model / Source | |
|--|-----------|--------------------------------|------------------------|
| Allocated Local T under SI w/FFU \$000 Res | \$3,418 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 NGV | \$133 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 Core C&I | \$1,589 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 Total Core | \$5,141 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 NCCI | \$269 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 EG Tier 1 | \$153 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 EG Tier 2 | \$2,668 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 Total EG | \$2,821 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 Total NonCore | \$3,090 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 System Total | \$8,230 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 Res | \$7,695 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 NGV | \$541 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 Core C&I | \$4,554 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 Total Core | \$12,789 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 NCCI | \$1,052 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 EG Tier 1 | \$666 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 EG Tier 2 | \$11,214 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 Total EG | \$11,881 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 Total NonCore | \$12,933 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 System Total | \$25,722 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| TLS Revenue NCCI-T EFBA Exempt \$000 | \$498 | SCG RD Model/RUN | copy to Rate Tables |
| TLS Revenue EG-Tier T EFBA Exempt \$000 | \$144 | SCG RD Model/RUN | copy to Rate Tables |
| TLS Revenue EG-Tier 2-T EFBA Exempt \$000 | \$12,946 | SCG RD Model/RUN | copy to Rate Tables |
| TLS Class Average Rate NCCI T | \$0.02837 | SCG RD Model/RUN | copy to Rate Tables |
| TLS Class Average Rate EG T | \$0.02837 | SCG RD Model/RUN | copy to Rate Tables |
| Pre-SW TLS NCCI | \$489 | SCG RD Model/RUN | copy to Rate Tables |
| Post SW TLS NCCI | \$498 | SCG RD Model/RUN | copy to Rate Tables |
| Pre-SW TLS EG | \$13,818 | SCG RD Model/RUN | copy to Rate Tables |
| Post SW TLS EG | \$13,090 | SCG RD Model/RUN | copy to Rate Tables |
| EFBA adder | | SCG RD Model/RUN | copy to Rate Tables |
| TLS Revenue NCCI-T \$000 | \$498 | SCG RD Model/Local T Rate | copy to Rate Tables |
| TLS Revenue EG-Tier 1-T \$000 | \$144 | SCG RD Model/Local T Rate | copy to Rate Tables |
| TLS Revenue EG-Tier 2-T \$000 | \$12,946 | SCG RD Model/Local T Rate | copy to Rate Tables |
| TLS Volumes NCCI-T Mth/yr | \$17,569 | SCG RD Model/Local T Rate | copy to Rate Tables |
| TLS Volumes EG-Tier1-T Mth/yr | \$5,074 | SCG RD Model/Local T Rate | copy to Rate Tables |
| TLS Volumes EG-Tier2-T Mth/yr | \$456,289 | SCG RD Model/Local T Rate | copy to Rate Tables |

| TLS SFV Mcapacity Reserved Mdth/day | n/a | SCG RD Model/Local T Rate | copy to Rate Tables |
|--|-----------|--------------------------------|------------------------|
| TLS SFV Volumes Mth/year | n/a | SCG RD Model/Local T Rate | copy to Rate Tables |
| TLS ST VOL Volumes Mth/year | n/a | SCG RD Model/Local T Rate | copy to Rate Tables |
| TLS LT VOL Volumes Mth/year | n/a | SCG RD Model/Local T Rate | copy to Rate Tables |
| Est FAR Revenue from SDGE Res | \$9,140 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Est FAR Revenue from SDGE NGV | \$642 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Est FAR Revenue from SDGE CCI | \$5,409 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Est FAR Revenue from SDGE NCCI | \$1,249 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Est FAR Revenue from SDGE EG Tier 1 | \$791 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Est FAR Revenue from SDGE EG Tier 2 | \$13,321 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Est FAR Revenue from SDGE Customers | \$30,553 | SCG RD Model/Local & BBT Costs | Copy to Rate Tables |
| SCG Transport Only Costs Allocated to SDGE Core & Dist \$000 | \$4,586 | SCG RD model/SDGE Detail Alloc | Copy to Cost Alloc |
| SCG Core Seasonal Storage | \$11,522 | SCG RD Model/RUN | copy to COST ALLOC tab |
| SCG Load Balancing Allocated to ALL SDGE \$000 | \$8,447 | SCG RD Model/RUN | copy to COST ALLOC tab |
| SCG Core Seasonal Storage HRSMA | \$0 | SCG RD Model/RUN | copy to COST ALLOC tab |
| SCG Load Balancing Allocated to ALL SDGE \$000 HRSMA | \$0 | SCG RD Model/RUN | copy to COST ALLOC tab |
| SFV Base Margin Items = Reservation Charge \$/dth/day | \$0.00968 | SCG RD Model / Trans Rates | Copy to Rate Tables |
| ST Volumetric Base Margin Items \$/th | \$0.01437 | SCG RD Model / Trans Rates | Copy to Rate Tables |
| TLS LT VOL Rate \$/th | \$0.01437 | SCG RD Model/TLS Rate | Copy to Rate Tables |
| TLS CA Usage Fee (non base margin items) \$/th | \$0.01414 | SCG RD Model / Trans Rates | Copy to Rate Tables |
| TLS RS Usage Fee \$/th | \$0.01414 | SCG RD Model / Trans Rates | Copy to Rate Tables |
| 120% Class Average Volumetric Rate \$/th | \$0.03279 | | |
| 200% Class Average Volumetric Rate \$/th | \$0.03849 | | |
| EG Tier 1-D SW Volumetric Rate w/FFU \$/th Post SW | \$0.12880 | SCG RD model/EG-D Rates | Copy to EG-D rates tab |
| EG Tier 2-D SW Volumetric Rate w/FFU \$/th Post SW | \$0.07293 | SCG RD model/EG-D Rates | Copy to EG-D rates tab |
| EG Tier 1 NoTLS SW Volumetric Rate w/FFU \$/th Post SW | n/a | SCG RD model/EG Rates NoTLS | Copy to EG-D rates tab |
| EG Tier 2 NoTLS SW Volumetric Rate w/FFU \$/th Post SW | n/a | SCG RD model/EG Rates NoTLS | Copy to EG-D rates tab |
| SW Volumetric Rate w/FFU \$/th UnCompressed | \$0.12583 | SCG RD model/NGV Rates | |
| SW Volumetric Rate w/FFU \$/th Compressed | \$1.04809 | SCG RD model/NGV Rates | |
| SDGE ITBA Balance Post SI | \$0 | SCG RD model/Misc Inputs | |
| Unbundled FAR amount w/FFU | \$25,722 | SCG RD model/Misc Inputs | |
| BBT % | 0% | SCG RD model/Misc Inputs | |
| Local % | 0% | SCG RD model/Misc Inputs | |
| Proposed BTS Rate SFV \$/dth/day | \$0.26245 | SCG Rate Tables | |
| Current BTS Rate SFV \$/dth/day | \$0.26353 | | |

| SDGE AYTP mthlyr Core Call | Data TO SCG RD Model | | Model / Source |
|---|--|-----------|----------------|
| SDGE AYTP mth/yr Gas Eng | SDGE AYTP mth/yr Res | 313,234 | Alloc Factors |
| SDGE AYTP mthy'r NGV 24,129 Alloc Factors SDGE AYTP mthy'r Nor Ocro CAI 46,945 Alloc Factors SDGE AYTP mthy'r Non Core CAI 46,945 Alloc Factors SDGE AYTP mthy'r EG Tier 1 29,736 Alloc Factors SDGE AYTP mthy'r EG Tier 2 500,494 Alloc Factors SDGE AYTP mthy'r Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mthy'r Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mthy'r Sout West Gas 0 577,175 Alloc Factors SDGE AYTP mthy'r Sout West Gas 0 577,175 Alloc Factors SDGE AYTP mthy'r Total Whole sale 0 577,175 Alloc Factors SDGE AYTP mthy'r Total Whole sale 0 577,175 Alloc Factors SDGE AYTP mthy'r Total Non Core 577,175 Alloc Factors SDGE AYTP mthy'r Total System \$000 1,109,315 Alloc Factors SDGE CYTP mthy'r Res 343,408 Alloc Factors SDGE CYTP mthy'r Res 343,408 Alloc Factors SDGE CYTP mthy'r Res 0 Alloc Factors SDGE CYTP | SDGE AYTP mth/yr Core C&I | 194,777 | Alloc Factors |
| SDGE AYTP mthyr NoCore | SDGE AYTP mth/yr NR A/C | 0 | |
| SDGE AYTP mithlyr Non Core C&I 46,945 Alloc Factors SDGE AYTP mithlyr EG Tier 1 29,736 Alloc Factors SDGE AYTP mithlyr EG Tier 2 500,494 Alloc Factors SDGE AYTP mithlyr Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mithlyr Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mithlyr Sout West Gas 0 0 SDGE AYTP mithlyr Sout West Gas 0 0 SDGE AYTP mithlyr Total Whole sale 0 0 SDGE AYTP mithlyr Total Whole sale 0 0 SDGE AYTP mithlyr Total Non Core 577,175 Alloc Factors SDGE AYTP mithlyr Total Non Core 577,175 Alloc Factors SDGE AYTP mithlyr Total Non Core 577,175 Alloc Factors SDGE AYTP mithlyr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mithlyr Res 343,408 Alloc Factors SDGE CYTP mithlyr Rore C&I 203,236 Alloc Factors SDGE CYTP mithlyr Total Core 570,773 Alloc Factors SDGE CYTP mithlyr Total Core 570,773 Alloc Factors | SDGE AYTP mth/yr Gas Eng | 0 | |
| SDGE AYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE AYTP mthyr EG Tier 2 500,494 Alloc Factors SDGE AYTP mthyr EOR 0 Alloc Factors SDGE AYTP mthyr Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mthyr SDG&E 0 Alloc Factors SDGE AYTP mthyr SDG&E 0 Alloc Factors SDGE AYTP mthyr SDGWest Gas 0 Alloc Factors SDGE AYTP mthyr Vermon 0 0 SDGE AYTP mthyr Total Whole sale 0 0 SDGE AYTP mthyr Total Non Core 577,175 Alloc Factors SDGE AYTP mthyr Total Non Core 577,175 Alloc Factors SDGE AYTP mthyr Total System \$000 1,109,315 Alloc Factors SDGE AYTP mthyr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mthyr Res 343,408 Alloc Factors SDGE CYTP mthyr Roc C&l 20,326 Alloc Factors SDGE CYTP mthyr NR A/C 0 0 SDGE CYTP mthyr ND Core C&l 20,129 Alloc Factors SDGE CYTP mthyr Total Core 570,773 All | SDGE AYTP mth/yr NGV | 24,129 | Alloc Factors |
| SDGE AYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE AYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE AYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mth/yr SDG&E 0 0 SDGE AYTP mth/yr Sout West Gas 0 0 SDGE AYTP mth/yr Total Whole sale 0 0 SDGE AYTP mth/yr Total Whole sale 0 0 SDGE AYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Res 343,408 Alloc Factors SDGE CYTP mth/yr Res 343,408 Alloc Factors SDGE CYTP mth/yr Core C&I 20,236 Alloc Factors SDGE CYTP mth/yr Gas Eng 0 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr Non Core C&I 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 | SDGE AYTP mth/yr Total Core | 532,140 | Alloc Factors |
| SDGE AYTP mith/yr EO Tier 2 500,494 Alloc Factors SDGE AYTP mith/yr Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mith/yr Long Beach 0 0 SDGE AYTP mith/yr SDG&E 0 0 SDGE AYTP mith/yr Sout West Gas 0 0 SDGE AYTP mith/yr Vernon 0 0 SDGE AYTP mith/yr Total Whole sale 0 0 SDGE AYTP mith/yr Total Non Core 577,175 Alloc Factors SDGE AYTP mith/yr Total System \$000 1,109,315 Alloc Factors SDGE AYTP mith/yr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mith/yr Res 343,408 Alloc Factors SDGE CYTP mith/yr Res 343,408 Alloc Factors SDGE CYTP mith/yr Na A/C 0 0 SDGE CYTP mith/yr Gas Eng 0 0 SDGE CYTP mith/yr Na A/C 0 0 SDGE CYTP mith/yr Total Core 570,773 Alloc Factors SDGE CYTP mith/yr Total Core 570,773 Alloc Factors SDGE CYTP mith/yr EG Tier 2 500,494 Alloc Factors | SDGE AYTP mth/yr Non Core C&I | 46,945 | Alloc Factors |
| SDGE AYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Long Beach 0 0 SDGE AYTP mth/yr SDG&E 0 0 SDGE AYTP mth/yr Sout West Gas 0 0 SDGE AYTP mth/yr Vernon 0 0 SDGE AYTP mth/yr Total Whole sale 0 0 SDGE AYTP mth/yr DGN 0 0 SDGE AYTP mth/yr Total Spotem \$000 1,109,715 Alloc Factors SDGE AYTP mth/yr Total System \$000 1,109,715 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,109,715 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,109,715 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,109,715 Alloc Factors SDGE CYTP mth/yr Res 343,408 Alloc Factors SDGE CYTP mth/yr RAVC 0 0 SDGE CYTP mth/yr NAVC 24,129 Alloc Factors SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr FOR Total Core 570,773 Alloc Factors SDGE CYTP mth/yr EG Filer 2 50,049 Alloc F | SDGE AYTP mth/yr EG Tier 1 | 29,736 | Alloc Factors |
| SDGE AYTP mth/yr Total Retail Non Core S77,175 Alloc Factors | SDGE AYTP mth/yr EG Tier 2 | 500,494 | Alloc Factors |
| SDGE AYTP mth/yr blog Beach 0 SDGE AYTP mth/yr SDGAE 0 SDGE AYTP mth/yr very mth/yr very mth/yr very 0 SDGE AYTP mth/yr very 0 SDGE AYTP mth/yr total Whole sale 0 SDGE AYTP mth/yr Total Whole sale 0 SDGE AYTP mth/yr Total Spotem 0 SDGE AYTP mth/yr Total Spotem 0 SDGE AYTP mth/yr Total System 0 SDGE AYTP mth/yr Total System 343,408 Alloc Factors 343,408 Alloc Factors 35GE CYTP mth/yr Res SDGE CYTP mth/yr Res 343,408 Alloc Factors 35GE CYTP mth/yr NR A/C SDGE CYTP mth/yr Sould Core 0 SDGE CYTP mth/yr NGV 24,129 SDGE CYTP mth/yr NGV 24,129 SDGE CYTP mth/yr NG Core C&I 46,945 SDGE CYTP mth/yr EG Tier 1 29,736 SDGE CYTP mth/yr EG Tier 2 500,494 SDGE CYTP mth/yr EG Tier 2 500,494 SDGE CYTP mth/yr Total Retail Non Core 577,175 SDGE CYTP mth/yr SOut West Gas 0 SDGE CYTP mth/yr Total Whole sale | SDGE AYTP mth/yr EOR | 0 | |
| SDGE AYTP mth/yr SDG&E | SDGE AYTP mth/yr Total Retail Non Core | 577,175 | Alloc Factors |
| SDGE AYTP mth/yr con 0 SDGE AYTP mth/yr by conon 0 SDGE AYTP mth/yr cond whole sale 0 SDGE AYTP mth/yr DSN 0 SDGE AYTP mth/yr TOSIA Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mth/yr Res 343,408 Alloc Factors SDGE CYTP mth/yr Core C&I 203,236 Alloc Factors SDGE CYTP mth/yr NR A/C 0 0 SDGE CYTP mth/yr NGV 24,129 Alloc Factors SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr SOC Ore C&I 46,945 Alloc Factors SDGE CYTP mth/yr SOC Fore C&I 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE CYTP mth/yr SDG&E 0 0 SDGE CYTP mth/yr SOut West Gas 0 | SDGE AYTP mth/yr Long Beach | 0 | |
| SDGE AYTP mth/yr Vernon 0 SDGE AYTP mth/yr Total Whole sale 0 SDGE AYTP mth/yr DON 0 SDGE AYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mth/yr Res 343,408 Alloc Factors SDGE CYTP mth/yr Core C&I 203,236 Alloc Factors SDGE CYTP mth/yr NR A/C 0 0 SDGE CYTP mth/yr NR A/C 0 0 SDGE CYTP mth/yr NGGV 24,129 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr Non Core C&I 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr Long Beach 0 0 SDGE CYTP mth/yr SDG&E 0 0 SDGE CYTP mth/yr Sout West Gas 0 0 SDGE CYTP mth/yr Sout West Gas 0 0 SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors < | SDGE AYTP mth/yr SDG&E | 0 | |
| SDGE AYTP mth/yr Total Whole sale 0 SDGE AYTP mth/yr DGN 0 SDGE AYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mth/yr Core C&I 203,236 Alloc Factors SDGE CYTP mth/yr NR A/C 0 0 SDGE CYTP mth/yr NR A/C 0 0 SDGE CYTP mth/yr Gas Eng 0 0 SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr EGT ier 1 29,736 Alloc Factors SDGE CYTP mth/yr EGT ier 2 500,494 Alloc Factors SDGE CYTP mth/yr SDGE CYTP mth/yr Do SDGE CYTP mth/yr SDGE CYTP mth/yr Total Roll Roll Roll Roll Roll Roll Roll Ro | SDGE AYTP mth/yr Sout West Gas | 0 | |
| SDGE AYTP mth/yr TBS 0 SDGE AYTP mth/yr TDTAI Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mth/yr Res 343,408 Alloc Factors SDGE CYTP mth/yr Res 343,408 Alloc Factors SDGE CYTP mth/yr NR AVC 0 0 SDGE CYTP mth/yr NR AVC 0 0 SDGE CYTP mth/yr NR W 24,129 Alloc Factors SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr EOR 0 0 SDGE CYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE CYTP mth/yr SDG&E 0 0 SDGE CYTP mth/yr SUB West Gas 0 0 SDGE CYTP mth/yr Total Whole sale 0 0 SDGE CYTP mth/yr TOtal Whole sale 0 0 SDGE CYTP mth/yr Total Non Core | SDGE AYTP mth/yr Vernon | 0 | |
| SDGE AYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mth/yr Res 343,408 Alloc Factors SDGE CYTP mth/yr Core C&I 203,236 Alloc Factors SDGE CYTP mth/yr NR A/C 0 0 SDGE CYTP mth/yr NR A/C 0 0 SDGE CYTP mth/yr NGV 24,129 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr Fed Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Long Beach 0 0 SDGE CYTP mth/yr SDGE CYTP mth/yr SDGE CYTP mth/yr Non Core SDGE CYTP mth/yr Total Whole sale 0 0 SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr | SDGE AYTP mth/yr Total Whole sale | 0 | |
| SDGE AYTP mth/yr Total Non Core SDGE AYTP mth/yr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mth/yr Res SDGE CYTP mth/yr Core C&I SDGE CYTP mth/yr NR A/C SDGE CYTP mth/yr NR A/C SDGE CYTP mth/yr Gas Eng SDGE CYTP mth/yr Gas Eng SDGE CYTP mth/yr Total Core SDGE CYTP mth/yr Total Core SDGE CYTP mth/yr Non Core C&I SDGE CYTP mth/yr Non Core C&I SDGE CYTP mth/yr Non Core C&I SDGE CYTP mth/yr EG Tier 1 SDGE CYTP mth/yr EG Tier 2 SDGE CYTP mth/yr EG Tier 2 SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/yr | SDGE AYTP mth/yr DGN | 0 | |
| SDGE AYTP mth/yr Total System \$000 SDGE CYTP mth/yr Res SDGE CYTP mth/yr Res SDGE CYTP mth/yr NR A/C SDGE CYTP mth/yr NR A/C SDGE CYTP mth/yr Gas Eng SDGE CYTP mth/yr NGV SDGE CYTP mth/yr NGC SDGE CYTP mth/yr EG Tier 1 SDGE CYTP mth/yr EG Tier 2 SDGE CYTP mth/yr EG Tier 2 SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr Sout West Gas SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE CYTP mth/yr Total Non Core SDGE CYTP Mth/yr To | SDGE AYTP mth/yr TBS | 0 | |
| SDGE CYTP mth/yr Core C&I SDGE CYTP mth/yr NR A/C SDGE CYTP mth/yr NR A/C SDGE CYTP mth/yr Gas Eng SDGE CYTP mth/yr NGV SDGE CYTP mth/yr NGV SDGE CYTP mth/yr Total Core SDGE CYTP mth/yr Total Core SDGE CYTP mth/yr Non Core C&I SDGE CYTP mth/yr Non Core C&I SDGE CYTP mth/yr Non Core C&I SDGE CYTP mth/yr EG Tier 1 SDGE CYTP mth/yr EG Tier 2 SDGE CYTP mth/yr EOR SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SOut West Gas SDGE CYTP mth/yr Sout West Gas SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/yr Total System \$0 | SDGE AYTP mth/yr Total Non Core | 577,175 | Alloc Factors |
| SDGE CYTP mth/yr Core C&I 203,236 Alloc Factors SDGE CYTP mth/yr NR A/C 0 SDGE CYTP mth/yr Gas Eng 0 SDGE CYTP mth/yr NGV 24,129 Alloc Factors SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr No Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr FOR 0 SDGE CYTP mth/yr Long Beach 0 SDGE CYTP mth/yr SDGE Beach 0 SDGE CYTP mth/yr SOUT West Gas 0 SDGE CYTP mth/yr SOUT West Gas 0 SDGE CYTP mth/yr Total Whole sale 0 SDGE CYTP mth/yr Total Whole sale 0 SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr | SDGE AYTP mth/yr Total System \$000 | 1,109,315 | Alloc Factors |
| SDGE CYTP mth/yr NR A/C 0 SDGE CYTP mth/yr Gas Eng 0 SDGE CYTP mth/yr NGV 24,129 Alloc Factors SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr EOR 0 SDGE CYTP mth/yr Long Beach 0 SDGE CYTP mth/yr SDGE E 0 SDGE CYTP mth/yr SOUTH SOUT | SDGE CYTP mth/yr Res | 343,408 | Alloc Factors |
| SDGE CYTP mth/yr NGV 24,129 Alloc Factors SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr EG Tier 1 500,494 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Long Beach 0 0 SDGE CYTP mth/yr SDG&E 0 0 SDGE CYTP mth/yr Sout West Gas 0 0 SDGE CYTP mth/yr Vernon 0 0 SDGE CYTP mth/yr Total Whole sale 0 0 SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr 532,140 Alloc Factors SGGE's Core AYTP Mth/yr 29,376 | SDGE CYTP mth/yr Core C&I | 203,236 | Alloc Factors |
| SDGE CYTP mth/yr NGV 24,129 Alloc Factors SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr EOR 0 0 SDGE CYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE CYTP mth/yr SDG&E 0 0 SDGE CYTP mth/yr Sout West Gas 0 0 SDGE CYTP mth/yr Vernon 0 0 SDGE CYTP mth/yr Total Whole sale 0 0 SDGE CYTP mth/yr Total Whole sale 0 0 SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr 532,140 Alloc Factors SDGE's Core AYTP Mth/yr 29,376 Alloc Factors EG-Tier 1 Distribution AYTP mth/yr 24,662 Al | SDGE CYTP mth/yr NR A/C | 0 | |
| SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Long Beach 0 0 SDGE CYTP mth/yr SDG&E 0 0 SDGE CYTP mth/yr Sout West Gas 0 0 SDGE CYTP mth/yr Vernon 0 0 SDGE CYTP mth/yr Total Whole sale 0 0 SDGE CYTP mth/yr Total Whole sale 0 0 SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total Non C | SDGE CYTP mth/yr Gas Eng | 0 | |
| SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Long Beach 0 SDGE CYTP mth/yr Long Beach 0 SDGE CYTP mth/yr SDG&E 0 SDGE CYTP mth/yr SUGWest Gas 0 SDGE CYTP mth/yr Vernon 0 SDGE CYTP mth/yr Total Whole sale 0 SDGE CYTP mth/yr Total Whole sale 0 SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr Total System \$000 2,376 Alloc Factors SDGE's Core AYTP Mth/yr Total System \$000 3,376 Alloc Factors SDGE's Core AYTP mth/yr Total System \$000 4,4,206 Alloc Factors | SDGE CYTP mth/yr NGV | 24,129 | Alloc Factors |
| SDGE CYTP mth/yr EG Tier 1 SDGE CYTP mth/yr EG Tier 2 SDGE CYTP mth/yr EG Tier 2 SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr Long Beach SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SOut West Gas SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP | SDGE CYTP mth/yr Total Core | 570,773 | Alloc Factors |
| SDGE CYTP mth/yr EG Tier 2 SDGE CYTP mth/yr EOR SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr Long Beach SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr Sout West Gas SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/y | SDGE CYTP mth/yr Non Core C&I | 46,945 | Alloc Factors |
| SDGE CYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Long Beach 0 SDGE CYTP mth/yr SDGE CYTP mth/yr 0 SDGE CYTP mth/yr SDGE CYTP mth/yr 0 SDGE CYTP mth/yr Vernon 0 SDGE CYTP mth/yr Total Whole sale 0 SDGE CYTP mth/yr DGN 0 SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE'S Core AYTP Mth/yr 532,140 Alloc Factors NCCI-Distribution AYTP mth/yr 29,376 Alloc Factors EG-Tier 1 Distribution AYTP mth/yr 24,662 Alloc Factors EG-Tier 2 Distribution AYTP mth/yr 44,206 Alloc Factors | SDGE CYTP mth/yr EG Tier 1 | 29,736 | Alloc Factors |
| SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr Long Beach SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr Sout West Gas SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr DGN SDGE CYTP mth/yr TBS SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Tota | SDGE CYTP mth/yr EG Tier 2 | 500,494 | Alloc Factors |
| SDGE CYTP mth/yr Long Beach SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr Sout West Gas SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr DGN SDGE CYTP mth/yr TBS SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total | SDGE CYTP mth/yr EOR | 0 | |
| SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr Sout West Gas SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr DGN SDGE CYTP mth/yr TBS SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/yr Total System \$000 SDGE CYTP Mth/yr SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr S32,140 Alloc Factors NCCI-Distribution AYTP mth/yr 29,376 Alloc Factors EG-Tier 1 Distribution AYTP mth/yr 44,206 Alloc Factors | SDGE CYTP mth/yr Total Retail Non Core | 577,175 | Alloc Factors |
| SDGE CYTP mth/yr Sout West Gas SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr DGN SDGE CYTP mth/yr TBS SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non | SDGE CYTP mth/yr Long Beach | 0 | |
| SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr DGN SDGE CYTP mth/yr TBS O SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr S32,140 Alloc Factors NCCI-Distribution AYTP mth/yr 29,376 Alloc Factors EG-Tier 1 Distribution AYTP mth/yr 24,662 Alloc Factors EG-Tier 2 Distribution AYTP mth/yr 44,206 Alloc Factors | SDGE CYTP mth/yr SDG&E | 0 | |
| SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr DGN SDGE CYTP mth/yr TBS O SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 \$DGE CYTP mth/yr Total Non Core \$DGE CYTP mth/yr Total Non Co | · | | |
| SDGE CYTP mth/yr DGN SDGE CYTP mth/yr TBS 0 SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr 532,140 Alloc Factors NCCI-Distribution AYTP mth/yr 29,376 Alloc Factors EG-Tier 1 Distribution AYTP mth/yr 24,662 Alloc Factors EG-Tier 2 Distribution AYTP mth/yr 44,206 Alloc Factors | SDGE CYTP mth/yr Vernon | | |
| SDGE CYTP mth/yr TBS SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr SDGE's Core AYTP mth/yr SDGE's Core AYTP mth/yr SDGE's Core AYTP mth/yr 29,376 Alloc Factors EG-Tier 1 Distribution AYTP mth/yr 24,662 Alloc Factors EG-Tier 2 Distribution AYTP mth/yr 44,206 Alloc Factors | SDGE CYTP mth/yr Total Whole sale | | |
| SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr SDGE's Core AYTP mth/yr SDGE's Core AYTP mth/yr 29,376 Alloc Factors EG-Tier 1 Distribution AYTP mth/yr 24,662 Alloc Factors EG-Tier 2 Distribution AYTP mth/yr 44,206 Alloc Factors | · | | |
| SDGE CYTP mth/yr Total System \$000 SDGE's Core AYTP Mth/yr SDGE's Cor | SDGE CYTP mth/yr TBS | 0 | |
| SDGE's Core AYTP Mth/yr NCCI-Distribution AYTP mth/yr EG-Tier 1 Distribution AYTP mth/yr EG-Tier 2 Distribution AYTP mth/yr 532,140 Alloc Factors 29,376 Alloc Factors 44,662 Alloc Factors Alloc Factors Alloc Factors | • | 577,175 | |
| NCCI-Distribution AYTP mth/yr29,376Alloc FactorsEG-Tier 1 Distribution AYTP mth/yr24,662Alloc FactorsEG-Tier 2 Distribution AYTP mth/yr44,206Alloc Factors | | 1,147,948 | |
| EG-Tier 1 Distribution AYTP mth/yr EG-Tier 2 Distribution AYTP mth/yr 24,662 Alloc Factors 44,206 Alloc Factors | · | · | |
| EG-Tier 2 Distribution AYTP mth/yr 44,206 Alloc Factors | • | * | |
| · | • | | |
| SDGE's Core # customers 905,032 Alloc Factors | • | • | |
| | SDGE's Core # customers | 905,032 | Alloc Factors |

| NCCI-Distribution # customers | 44 | Alloc Factors |
|---|----------|--------------------------------|
| EG-Tier 1 Distribution # customers | 69 | Alloc Factors |
| EG-Tier 2 Distribution # customers | 6 | Alloc Factors |
| NCCI-Transmission AYTP mth/yr | 17,569 | Alloc Factors |
| EG-Tier 1 Transmission AYTP mth/yr | 5,074 | Alloc Factors |
| EG-Tier 2 Transmission AYTP mth/yr | 456,289 | Alloc Factors |
| NCCI-Transmission # customers | 9 | Alloc Factors |
| EG-Tier 1 Transmission # customers | 3 | Alloc Factors |
| EG-Tier 2 Transmission # customers | 12 | Alloc Factors |
| Transmission Costs w/FFU \$000 | \$40,564 | SDGE RD Model/Cost Alloc |
| Compressor Volumes mth/yr | 628 | SDGE RD Model / NGV Rates |
| SDGE - NCCI-T Total Allocated Base Margin w/SI, FAR & FFU, w/o Fuel Use | \$118 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T Local Transmission Costs | \$101 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T HPD Costs | \$0 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T MPD Costs | \$0 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T Other Operating Costs and Revenues | \$241 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T Regulatory Accounts | \$200 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T ITBA Base Margin | \$5 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T ITBA Base Margin | \$131 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T Transport Rev Req w/o BBT, w/ FFU & EOR Cr \$000/yr | \$559 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T Total Allocated Base Margin w/SI, FAR & FFU, w/o Fuel Use | \$2,454 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T Local Transmission Costs | \$2,429 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T HPD Costs | \$0 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T MPD Costs | \$0 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T Other Operating Costs and Revenues | \$5,929 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T Regulatory Accounts | \$5,468 | SDGE RD Model / Detail Alloc |
| SDGE CYPM mth/mo Res | 50,188 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo Core C&I | 23,331 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo NR A/C | 0 | |
| SDGE CYPM mth/mo Gas Eng | 0 | |
| SDGE CYPM mth/mo NGV | 1,960 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo Total Core | 75,479 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo Non Core C&I | 3,947 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo EG Tier 1 | 2,244 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo EG Tier 2 | 39,175 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo EOR | 0 | |
| SDGE CYPM mth/mo Total Retail Non Core | 45,366 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo Long Beach | 0 | |
| SDGE CYPM mth/mo SDG&E | 0 | |
| SDGE CYPM mth/mo Sout West Gas | 0 | |
| SDGE CYPM mth/mo Vernon | 0 | |
| SDGE CYPM mth/mo Total Whole sale | 0 | |
| SDGE CYPM mth/mo DGN | 0 | |
| SDGE CYPM mth/mo TBS | 0 | |
| SDGE CYPM mth/mo Total Non Core | 45,366 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo Total System \$000 | 120,845 | SDGE RD Model / Alloc Factors |
| SPOE OTT WE THEN TOTAL SYSTEM 4000 | 120,043 | SPOL NO MIDDEL / ALLOC FACIOIS |

| SDGE NonCore Embedded Customer Related Costs \$000 | \$255 | SDGE RD Model/Cost Alloc |
|---|------------|-------------------------------|
| SDGE NonCore Embedded Medium Pressure Distribution Costs \$000 | \$2,904 | SDGE RD Model/Cost Alloc |
| SDGE Non Core Embedded High Pressure Distribution Costs \$000 | \$0 | 02 02 112 11100e# 00017 11100 |
| SDGE NonCore Embedded Transmission Costs \$000 | \$20,395 | SDGE RD Model/Cost Alloc |
| SDGE NonCore Embedded Storage - Seasonal \$000 | \$0 | SDGE RD Model/Cost Alloc |
| SDGE NonCore Embedded Storage - Load Balancing \$000 | \$0 | SDGE RD Model/Cost Alloc |
| SDGE NonCore Embedded Storage - TBS \$000 | \$0 | |
| SDGE NonCore Embedded Non-DSM Marketing Related Costs \$000 | \$0 | |
| SDGE NonCore Embedded Credit (EOR Revenues - EOR UAF) * 95% \$000 | \$0 | |
| SDGE NonCore Embedded Less Allocated Transmission Cost \$000 | \$0 | SDGE RD Model/Cost Alloc |
| SDGE NonCore Embedded Plus Allocated Local T under SI \$000 | \$8,230 | SDGE RD Model/Cost Alloc |
| Total Margin Allocation w/o SI, FAR, Fuel Use, FF&U | \$323,020 | SDGE RD Model/Cost Alloc |
| Other Op | \$2,493 | SDGE RD Model/Cost Alloc |
| SCG Storage Charges | \$20,428 | SDGE RD Model/Cost Alloc |
| Reg Accounts | \$61,061 | SDGE RD Model/Cost Alloc |
| Less EC Transmission | (\$40,564) | SDGE RD Model/Cost Alloc |
| Plus Local-T | \$0 | SDGE RD Model/Cost Alloc |
| plus FAR revenue | \$30,553 | SDGE RD Model/Cost Alloc |
| less local-T noncore trans cust costs | (\$14,410) | SDGE RD Model/Revenue Check |
| plus Reg Gap Revenue | \$13,692 | SDGE RD Model/Revenue Check |
| plus new SCG Transport (i.e.RegGap SDGE C&D) | \$4,691 | SDGE RD Model/Cost Alloc |
| SW Adjustments | \$1,288 | SDGE RD Model/Revenue Check |
| EG Tier 1-D Pre-SW Total revenue \$000/yr | \$2,640 | SDGE RD Model/EG-D Rates |
| EG Tier 1-D AYTP Mth/yr | 24,662 | SDGE RD Model/EG-D Rates |
| EG Tier 1-D Customer Charge Revenue \$000 | \$41 | SDGE RD Model/EG-D Rates |
| EG Tier 2-D Pre-SW Total revenue \$000/yr | \$2,808 | SDGE RD Model/EG-D Rates |
| EG Tier 2-D AYTP Mth/yr | 44,206 | SDGE RD Model/EG-D Rates |
| EG Tier 2-D Customer Charge Revenue \$000 | \$0 | SDGE RD Model/EG-D Rates |
| EG Tier 1 Pre-SW Total revenue NoTLS \$000/yr | n/a | SDGE RD Model/EG Rates NoTLS |
| EG Tier 1 Customer Charge Revenue \$000 | n/a | SDGE RD Model/EG Rates NoTLS |
| EG Tier 2 Pre-SW Total revenue NoTLS \$000/yr | n/a | SDGE RD Model/EG Rates NoTLS |
| EG Tier 1 NoTLS AYTP Mth/yr | 29,736 | SDGE RD Model/Alloc Factors |
| EG Tier 2 NoTLS AYTP Mth/yr | 500,494 | SDGE RD Model/Alloc Factors |
| Final Rev Req \$000 | \$379,928 | SDGE RD Model/Rate Tables |
| Pre-SW NGV Transportation Volumetric Revenue | \$2,754 | SDGE RD Model / NGV Rates |
| Pre-SW NGV Customer Charge Revenue | \$12 | SDGE RD Model / NGV Rates |
| NGV Transportation volumes mth/yr | 24,129 | SDGE RD Model / NGV Rates |
| NGV Post SW Customer Charge Revenue: | \$12 | SDGE RD Model / NGV Rates |
| Pre SW NGV Compressor Revenue \$000 | \$647 | SDGE RD Model / NGV Rates |
| NGV Compressor Volumes Mth/yr | 628 | SDGE RD Model / NGV Rates |
| SDGE NCCI-T Direct Peak Day Demand Mth/day | 48 | SDGE RD Model / Alloc Factors |
| SDGE EG-T Direct Peak Day Demand Mth/day | 1,690 | SDGE RD Model / Alloc Factors |
| SDGE Core Cumulative Transmission Peak Day Mth/day | 4,123 | SDGE RD/Alloc Factors |
| SDGE Noncore Cumulative HP Distribution Peak Day Mth/day | 265 | SDGE RD/Alloc Factors |
| SDGE Core & Dist Forecast AYTP Mth/yr | 630,384 | SDGE RD/Alloc Factors |
| SDGE Core & Dist Forecast CYTP Mth/yr | 669,016 | SDGE RD/Alloc Factors |
| SDGE Core & Dist Forecast # Customers | 905,151 | SDGE RD/Alloc Factors |
| SDGE Core & Dist Forecast CYPM Mth/mo | 83,698 | SDGE RD/Alloc Factors |
| | | |

| ODOE NOOL T Face and AVTD Mile has | 47.500 | ODOE DD/Alles Essters |
|--|----------------------|---------------------------|
| SDGE NCCI-T Forecast AYTP Mth/yr | 17,569 | SDGE RD/Alloc Factors |
| SDGE NCCI-T Forecast CYTP Mth/yr | 17,569 | SDGE RD/Alloc Factors |
| SDGE NCCI-T Forecast # Customers | 9 | SDGE RD/Alloc Factors |
| SDGE NCCI-T Forecast CYPM Mth/mo | 1,477 | SDGE RD/Alloc Factors |
| SDGE EG-T Forecast AYTP Mth/yr | 461,363 | SDGE RD/Alloc Factors |
| SDGE EG-T Forecast CYTP Mth/yr | 461,363 | SDGE RD/Alloc Factors |
| SDGE EG-T Forecast # Customers | 15 | SDGE RD/Alloc Factors |
| SDGE EG-T Forecast CYPM Mth/mo | 35,670 | SDGE RD/Alloc Factors |
| SDGE Local-T Costs Res | \$0 | SDGE RD Model/Cost Alloc |
| SDGE Local-T Costs CCI | \$0 | SDGE RD Model/Cost Alloc |
| SDGE Local-T Costs NGV | \$0 | SDGE RD Model/Cost Alloc |
| SDGE Local-T Costs NCCI | \$0 | SDGE RD Model/Cost Alloc |
| SDGE Local-T Costs EG Tier 1 | \$0 | SDGE RD Model/Cost Alloc |
| SDGE Local-T Costs EG Tier2 | \$0 | SDGE RD Model/Cost Alloc |
| SDGE BBT Costs Res | \$12,135 | SDGE RD Model/Cost Alloc |
| SDGE BBT Costs CCI | \$7,182 | SDGE RD Model/Cost Alloc |
| SDGE BBT Costs NGV | \$853 | SDGE RD Model/Cost Alloc |
| SDGE BBT Costs NCCI | \$1,659 | SDGE RD Model/Cost Alloc |
| SDGE BBT Costs EG Tier 1 | \$1,051 | SDGE RD Model/Cost Alloc |
| SDGE BBT Costs EG Tier2 | \$17,686 | SDGE RD Model/Cost Alloc |
| SDGE CoUse Transmission Costs | \$0 | SDGE RD Model/Misc Inputs |
| SDGE Forecast AYTP Mth/yr Core | 532,140 | SDGE RD/Alloc Factors |
| SDGE Forecast AYTP Mth/yr NCCI-D | 29,376 | SDGE RD/Alloc Factors |
| SDGE Forecast AYTP Mth/yr EG-D | 68,867 | SDGE RD/Alloc Factors |
| SDGE Forecast CYTP Mth/yr Core | 570,773 | SDGE RD/Alloc Factors |
| SDGE Forecast CYTP Mth/yr NCCI-D | 29,376 | SDGE RD/Alloc Factors |
| SDGE Forecast CYTP Mth/yr EG-D | 68,867 | SDGE RD/Alloc Factors |
| SDGE Forecast # Customers Core | 905,032 | SDGE RD/Alloc Factors |
| SDGE Forecast # Customers NCCI-D | 44 | SDGE RD/Alloc Factors |
| SDGE Forecast # Customers EG-D | 75 | SDGE RD/Alloc Factors |
| SDGE Forecast CYPM Mth/yr Core | 75,479 | SDGE RD/Alloc Factors |
| SDGE Forecast CYPM Mth/yr NCCI-D | 2,470 | SDGE RD/Alloc Factors |
| SDGE Forecast CYPM Mth/yr EG-D | 5,749 | SDGE RD/Alloc Factors |
| SDGE FFU Rate | 102.29% | SDGE RD/Cost Alloc |
| FFU Rate Gross-to-Net Ratio | 97.76% | SDGE RD/Misc Inputs |
| SDGE Mbtu/mcf | 1,040 | SDGE RD/Misc Inputs |
| Authorized Base Margin in 2008GRC (excl misc revenue) \$000 | \$304,021 | SDGE RD/Revenue Check |
| Current Authorized Base Margin | \$323,020 | SDGE RD/Revenue Check |
| G | | SDGE RD/Revenue Check |
| Net System Integration Other Operate Costs | (\$32,334) | SDGE RD/Revenue Check |
| Other Operate Costs | \$27,612 \$61,061 | |
| Regulatory Accounts | \$61,061 | SDGE RD/Revenue Check |
| SW NGV Adjustment | \$294 | SDGE RD/Revenue Check |
| SW EG Adjustment | \$994 | SDGE RD/Revenue Check |
| SW NGV & EG Adjustment | \$1,288 | SDGE RD/Revenue Check |
| NET TLS Adjustment | (\$719) | SDGE RD/Revenue Check |
| Revenue Requirement w/oFAR | \$379,928 | SDGE RD/Revenue Check |
| Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU | \$290,686 | SDGE RD/Revenue Check |
| CSITMA allocated to SDGE's NCCI-T customers \$000 | \$56 | NCCI Detail Alloc |
| CSITMA allocated to SDGE's EG-T customers \$000 | \$0 | EG Detail Alloc |

| EFBA EG-D Tier 1 | \$20 | EG Detail Alloc |
|-------------------------------|----------|-------------------|
| EFBA EG-D Tier 2 | \$37 | EG Detail Alloc |
| EFBA EG-T | \$33 | EG Detail Alloc |
| EFBA NCCI-T | \$15 | NCCI Detail Alloc |
| EFBA EG-T nonexempt volumes | \$39,584 | EG Detail Alloc |
| EFBA NCCI-T nonexempt volumes | 17,569 | NCCI Detail Alloc |

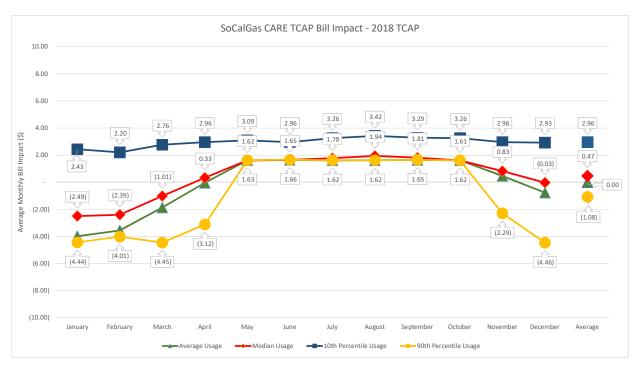
SOUTHERN CALIFORNIA GAS COMPANY 2020 TCAP

CARE Bill Impact Calculations

Workpapers to the Prepared Written Testimony of Sharim Chaudhury

TCAP CARE Bill Impact Graph Data

| | Usage | | | | Avera | ge | | | |
|-----------|---------------|--------------|-----------------|----------------------|----------|----------|--------------|-----------------|-----------------------|
| | Average Usage | Median Usage | 10th Percentile | 90th Percentile Usag | ge Avera | ge Usage | Median Usage | 10th Percentile | 90th Percentile Usage |
| January | (3.98) | (2.49) | 2.43 | (4.44) | | | | | |
| February | (3.56) | (2.39) | 2.20 | (4.01) | | | | | |
| March | (1.86) | (1.01) | 2.76 | (4.45) | | | | | |
| April | (0.04) | 0.33 | 2.96 | (3.12) | | | | | |
| May | 1.62 | 1.62 | 3.09 | 1.63 | | | | | |
| June | 1.65 | 1.65 | 2.96 | 1.66 | | | | | |
| July | 1.61 | 1.78 | 3.26 | 1.62 | | | | | |
| August | 1.62 | 1.94 | 3.42 | 1.62 | | | | | |
| September | r 1.65 | 1.81 | 3.29 | 1.65 | | | | | |
| October | 1.61 | 1.61 | 3.26 | 1.62 | | | | | |
| November | 0.47 | 0.83 | 2.96 | (2.29) | | | | | |
| December | (0.76) | (0.03) | 2.93 | (4.46) | | | | | |
| Average | | • | | | | 0.00 | 0.47 | 2.96 | (1.08) |
| Average | 0.00 | 0.47 | 2.96 | (1.08) | | | | | |



CARE Bill Impacts Lowest 10 Percentile

| | | | | | | | | | | Total | Bill | | | | | | | | |
|------|-------|--------------|---------|-------------|-----------|------------|--------|-------------|------------|---------|-------|-------|------------|------------|-----------|----------|----------|------------|---------|
| | | | | | | High (90th | | Low (10th | Total Bill | \$10 0 | Cust | | | Daily BL D | Days/Mo N | Monthly | Care | Monthly Ba | aseline |
| CARE | revmo | Customers A | Average | Avg Baselii | Avg Non B | Percentile | Median | Percentile) | Status Q | uo Char | ge I | Delta | Care (T/F) | Limit n | nth E | 3L Limit | Discount | Therms U | sage |
| | | Т | Therms | Therms | Therms | Therms | Therms | Therms | | | | | | | | | | | |
| Yes | | 1 1,541,827 | 49.0817 | 36.9564 | 12.1253 | 98 | 3 4 | 0 10 | 11 | .12 | 13.56 | 2.43 | TRUE | 1.691 | 31 | 52 | 20% | 10 | 10 |
| Yes | | 2 1,541,849 | 44.0777 | 34.2007 | 9.877 | 87 | 7 3 | 7 9 | 10 | .02 | 12.23 | 2.20 | TRUE | 1.691 | 28 | 47 | 20% | 9 | 9 |
| Yes | | 3 1,539,825 | 36.1491 | 31.5584 | 4.5907 | 69 | 9 3 | 1 8 | 9 | .71 | 12.48 | 2.76 | TRUE | 1.691 | 31 | 52 | 20% | 8 | 8 |
| Yes | | 4 1,538,534 | 24.2709 | 23.3047 | 0.9662 | 43 | 3 2 | 2 6 | 8 | .17 | 11.13 | 2.96 | TRUE | 1.691 | 30 | 51 | 20% | 6 | 6 |
| Yes | | 5 1,534,925 | 21.1285 | 18.7453 | 2.3832 | 37 | 7 1 | .9 6 | 8 | .30 | 11.39 | 3.09 | TRUE | 0.473 | 31 | 15 | 20% | 6 | 6 |
| Yes | | 6 1,530,644 | 20.1167 | 12.0423 | 8.0744 | 36 | 5 1 | .8 6 | 8 | .17 | 11.13 | 2.96 | TRUE | 0.473 | 30 | 14 | 20% | 6 | 6 |
| Yes | | 7 1,526,761 | 16.5092 | 11.1769 | 5.3323 | 30 |) 1 | .4 5 | 7 | .60 | 10.85 | 3.26 | TRUE | 0.473 | 31 | 15 | 20% | 5 | 5 |
| Yes | | 8 1,523,328 | 14.9436 | 10.7008 | 4.2428 | 27 | 7 1 | .3 4 | 6 | .89 | 10.31 | 3.42 | TRUE | 0.473 | 31 | 15 | 20% | 4 | 4 |
| Yes | | 9 1,520,042 | 15.5083 | 10.9313 | 4.577 | 28 | 3 1 | .3 4 | 6 | .76 | 10.05 | 3.29 | TRUE | 0.473 | 30 | 14 | 20% | 4 | 4 |
| Yes | 1 | 1,517,068 | 16.9518 | 11.2745 | 5.6773 | 30 |) 1 | .5 5 | 7 | .60 | 10.85 | 3.26 | TRUE | 0.473 | 31 | 15 | 20% | 5 | 5 |
| Yes | 1 | 11 1,517,877 | 21.1898 | 18.1991 | 2.9907 | 38 | 3 1 | .9 6 | 8 | .17 | 11.13 | 2.96 | TRUE | 1.691 | 30 | 51 | 20% | 6 | 6 |
| Yes | 1 | 12 1,515,622 | 29.4789 | 26.8156 | 2.6634 | 56 | 5 2 | .5 7 | 9 | .01 | 11.93 | 2.93 | TRUE | 1.691 | 31 | 52 | 20% | 7 | 7 |
| | | | | | | | | | | | | | | | | | | | |

| Non BL | | | | | | | | | | | | | | | | |
|--------|--------------------|----------------------|-----------------|------------------|--------------|-----------------------|---------------|-------------------|--------------|--------------------------|-----------------|------------------|--------------|-----------------------|---------------|-------------------|
| Usage | Total Bill 1 Custo | omer Charge \$/day = | BL Rate \$/th = | NBL Rate \$/th = | G-CP \$/th = | PPPS Non-CARE \$/th = | G-SRF \$/th = | PPPS CARE \$/th = | Total Bill 2 | Customer Charge \$/day = | BL Rate \$/th = | NBL Rate \$/th = | G-CP \$/th = | PPPS Non-CARE \$/th = | G-SRF \$/th = | PPPS CARE \$/th = |
| | | 0.164383562 | 0.51432241 | 0.852837194 | 0.276897378 | 0.094023924 | 0.00166 | 0.069771948 | | 0.328767123 | 0.30907587 | 0.853481131 | 0.276897378 | 0.094023924 | 0.00166 | 0.069771948 |
| 0 | 11.12 | 4.07671 | 4.11458 | - | 2.21518 | - | 0.01660 | 0.69772 | 13.56 | 8.15342 | 2.47261 | - | 2.21518 | - | 0.01660 | 0.69772 |
| 0 | 10.02 | 3.68219 | 3.70312 | - | 1.99366 | - | 0.01494 | 0.62795 | 12.23 | 7.36438 | 2.22535 | - | 1.99366 | - | 0.01494 | 0.62795 |
| 0 | 9.71 | 4.07671 | 3.29166 | - | 1.77214 | - | 0.01328 | 0.55818 | 12.48 | 8.15342 | 1.97809 | - | 1.77214 | - | 0.01328 | 0.55818 |
| 0 | 8.17 | 3.94521 | 2.46875 | - | 1.32911 | - | 0.00996 | 0.41863 | 11.13 | 7.89041 | 1.48356 | - | 1.32911 | - | 0.00996 | 0.41863 |
| 0 | 8.30 | 4.07671 | 2.46875 | - | 1.32911 | - | 0.00996 | 0.41863 | 11.39 | 8.15342 | 1.48356 | - | 1.32911 | - | 0.00996 | 0.41863 |
| 0 | 8.17 | 3.94521 | 2.46875 | - | 1.32911 | - | 0.00996 | 0.41863 | 11.13 | 7.89041 | 1.48356 | - | 1.32911 | - | 0.00996 | 0.41863 |
| 0 | 7.60 | 4.07671 | 2.05729 | - | 1.10759 | - | 0.00830 | 0.34886 | 10.85 | 8.15342 | 1.23630 | - | 1.10759 | - | 0.00830 | 0.34886 |
| 0 | 6.89 | 4.07671 | 1.64583 | - | 0.88607 | - | 0.00664 | 0.27909 | 10.31 | 8.15342 | 0.98904 | - | 0.88607 | - | 0.00664 | 0.27909 |
| 0 | 6.76 | 3.94521 | 1.64583 | - | 0.88607 | - | 0.00664 | 0.27909 | 10.05 | 7.89041 | 0.98904 | - | 0.88607 | - | 0.00664 | 0.27909 |
| 0 | 7.60 | 4.07671 | 2.05729 | - | 1.10759 | - | 0.00830 | 0.34886 | 10.85 | 8.15342 | 1.23630 | - | 1.10759 | - | 0.00830 | 0.34886 |
| 0 | 8.17 | 3.94521 | 2.46875 | - | 1.32911 | - | 0.00996 | 0.41863 | 11.13 | 7.89041 | 1.48356 | - | 1.32911 | - | 0.00996 | 0.41863 |
| 0 | 9.01 | 4.07671 | 2.88021 | - | 1.55063 | | 0.01162 | 0.48840 | 11.93 | 8.15342 | 1.73082 | - | 1.55063 | - | 0.01162 | 0.48840 |

CARE Bill Impacts Median

| | | | | | | | | | | | Total Bill | | | | | | | | | | |
|---|------|-------|--------------|---------|-------------|-----------|------------|--------|-------------|------------|------------|----------|------------|----------|---------|----------|----------|---------|----------|--------|---|
| | | | | | | ı | High (90th | | Low (10th | Total Bill | \$10 Cust | | | Daily BL | Days/Mo | Monthly | Care | Monthly | Baseline | Non BL | |
| (| CARE | revmo | Customers | Average | Avg Baselii | Avg Non B | Percentile | Median | Percentile) | Status Qu | o Charge | Delta | Care (T/F) | Limit | nth | BL Limit | Discount | Therms | Usage | Usage | |
| | | | | Therms | Therms | Therms | Therms | Therms | Therms | | | | | | | | | | | | |
| ١ | Yes | | 1 1,541,827 | 49.0817 | 36.9564 | 12.1253 | 98 | 3 40 | 0 10 | 32. | 25 29.7 | 6 (2.49) | TRUE | 1.691 | 31 | 52 | 20% | 40 | 40 | | 0 |
| ١ | Yes | | 2 1,541,849 | 44.0777 | 34.2007 | 9.877 | 87 | 3 | 7 9 | 29. | 75 27.3 | 5 (2.39) | TRUE | 1.691 | 28 | 47 | 20% | 37 | 37 | | 0 |
| ١ | Yes | | 3 1,539,825 | 36.1491 | 31.5584 | 4.5907 | 69 | 3: | 1 8 | 25. | 91 24.9 | 0 (1.01) | TRUE | 1.691 | 31 | 52 | 20% | 31 | 31 | . (|) |
| ١ | Yes | | 4 1,538,534 | 24.2709 | 23.3047 | 0.9662 | 43 | 3 2 | 2 6 | 19. | 14 19.7 | 8 0.33 | TRUE | 1.691 | 30 | 51 | 20% | 22 | 22 | . (| J |
| ١ | Yes | | 5 1,534,925 | 21.1285 | 18.7453 | 2.3832 | 37 | 19 | 9 6 | 18. | 54 20.1 | 6 1.62 | TRUE | 0.473 | 31 | 15 | 20% | 19 | 15 | | 4 |
| ١ | Yes | | 6 1,530,644 | 20.1167 | 12.0423 | 8.0744 | 36 | 5 18 | 8 6 | 17. | 71 19.3 | 6 1.65 | TRUE | 0.473 | 30 | 14 | 20% | 18 | 14 | | 4 |
| ١ | Yes | | 7 1,526,761 | 16.5092 | 11.1769 | 5.3323 | 30 |) 14 | 4 5 | 13. | 94 15.7 | 2 1.78 | TRUE | 0.473 | 31 | 15 | 20% | 14 | 14 | . (|) |
| ١ | Yes | | 8 1,523,328 | 14.9436 | 10.7008 | 4.2428 | 27 | 1 | 3 4 | 13. | 23 15.13 | 8 1.94 | TRUE | 0.473 | 31 | 15 | 20% | 13 | 13 | . (|) |
| ١ | Yes | | 9 1,520,042 | 15.5083 | 10.9313 | 4.577 | 28 | 3 13 | 3 4 | 13. | 10 14.9 | 1.81 | TRUE | 0.473 | 30 | 14 | 20% | 13 | 13 | . (|) |
| ١ | Yes | | 10 1,517,068 | 16.9518 | 11.2745 | 5.6773 | 30 |) 1 | 5 5 | 14. | 54 16.2 | 6 1.61 | TRUE | 0.473 | 31 | 15 | 20% | 15 | 15 | |) |
| ١ | Yes | | 11 1,517,877 | 21.1898 | 18.1991 | 2.9907 | 38 | 3 19 | 9 6 | 17. | 33 18.1 | 5 0.83 | TRUE | 1.691 | 30 | 51 | 20% | 19 | 19 | |) |
| ١ | Yes | | 12 1,515,622 | 29.4789 | 26.8156 | 2.6634 | 56 | 5 2 | 5 7 | 21. | 59 21.6 | 6 (0.03) | TRUE | 1.691 | 31 | 52 | 20% | 25 | 25 | | J |

| Total Bill 1 Custo | omer Charge \$/day = | BL Rate \$/th = | NBL Rate \$/th = | G-CP \$/th = | PPPS Non-CARE \$/th = | G-SRF \$/th = | PPPS CARE \$/th = | Total Bill 2 | Customer Charge \$/day = | BL Rate \$/th = | NBL Rate \$/th = | G-CP \$/th = | PPPS Non-CARE \$/th = | G-SRF \$/th = I | PPPS CARE \$/th = | |
|--------------------|----------------------|-----------------|------------------|--------------|-----------------------|---------------|-------------------|--------------|--------------------------|-----------------|------------------|--------------|-----------------------|-----------------|-------------------|--|
| | 0.164383562 | 0.51432241 | 0.852837194 | 0.276897378 | 0.094023924 | 0.00166 | 0.069771948 | | 0.328767123 | 0.30907587 | 0.853481131 | 0.276897378 | 0.094023924 | 0.00166 | 0.069771948 | |
| 32.25 | 4.07671 | 16.45832 | - | 8.86072 | - | 0.06640 | 2.79088 | 29.76 | 8.15342 | 9.89043 | - | 8.86072 | - | 0.06640 | 2.79088 | |
| 29.75 | 3.68219 | 15.22394 | - | 8.19616 | - | 0.06142 | 2.58156 | 27.35 | 7.36438 | 9.14865 | - | 8.19616 | - | 0.06142 | 2.58156 | |
| 25.91 | 4.07671 | 12.75520 | - | 6.86705 | - | 0.05146 | 2.16293 | 24.90 | 8.15342 | 7.66508 | - | 6.86705 | - | 0.05146 | 2.16293 | |
| 19.44 | 3.94521 | 9.05207 | - | 4.87339 | - | 0.03652 | 1.53498 | 19.78 | 7.89041 | 5.43974 | - | 4.87339 | - | 0.03652 | 1.53498 | |
| 18.54 | 4.07671 | 6.17187 | 2.72908 | 4.20884 | - | 0.03154 | 1.32567 | 20.16 | 8.15342 | 3.70891 | 2.73114 | 4.20884 | - | 0.03154 | 1.32567 | |
| 17.71 | 3.94521 | 5.76041 | 2.72908 | 3.98732 | - | 0.02988 | 1.25590 | 19.36 | 7.89041 | 3.46165 | 2.73114 | 3.98732 | - | 0.02988 | 1.25590 | |
| 13.94 | 4.07671 | 5.76041 | - | 3.10125 | - | 0.02324 | 0.97681 | 15.72 | 8.15342 | 3.46165 | - | 3.10125 | - | 0.02324 | 0.97681 | |
| 13.23 | 4.07671 | 5.34895 | - | 2.87973 | - | 0.02158 | 0.90704 | 15.18 | 8.15342 | 3.21439 | - | 2.87973 | - | 0.02158 | 0.90704 | |
| 13.10 | 3.94521 | 5.34895 | - | 2.87973 | - | 0.02158 | 0.90704 | 14.91 | 7.89041 | 3.21439 | - | 2.87973 | - | 0.02158 | 0.90704 | |
| 14.64 | 4.07671 | 6.17187 | - | 3.32277 | - | 0.02490 | 1.04658 | 16.26 | 8.15342 | 3.70891 | - | 3.32277 | - | 0.02490 | 1.04658 | |
| 17.33 | 3.94521 | 7.81770 | - | 4.20884 | - | 0.03154 | 1.32567 | 18.15 | 7.89041 | 4.69795 | - | 4.20884 | - | 0.03154 | 1.32567 | |
| 21.69 | 4.07671 | 10.28645 | - | 5.53795 | - | 0.04150 | 1.74430 | 21.66 | 8.15342 | 6.18152 | - | 5.53795 | - | 0.04150 | 1.74430 | |

CARE Bill Impacts Average

| Critic Bill Impacts riverage | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------|--------------|---------|-------------|-----------|------------|--------|-------------|------------|------------|--------|------------|----------|---------|----------|----------|---------|----------|--|
| | | | | | | | | | | Total Bill | | | | | | | | | |
| | | | | | | High (90th | | Low (10th | Total Bill | \$10 Cust | | | Daily BL | Days/Mo | Monthly | Care | Monthly | Baseline | |
| CARE | revmo | Customers | Average | Avg Baselii | Avg Non B | Percentile | Median | Percentile) | Status Quo | Charge | Delta | Care (T/F) | Limit | nth | BL Limit | Discount | Therms | Usage | |
| | | | Therms | Therms | Therms | Therms | Therms | Therms | | | | | | | | | | | |
| Yes | | 1 1,541,827 | 49.0817 | 36.9564 | 12.1253 | 9 | 8 - | 10 10 | 38.65 | 34.67 | (3.98) | TRUE | 1.691 | . 31 | 52 | 20% | 49 | 49 | |
| Yes | | 2 1,541,849 | 44.0777 | 34.2007 | 9.877 | 8 | 7 | 37 9 | 34.73 | 31.18 | (3.56) | TRUE | 1.691 | . 28 | 47 | 20% | 44 | 44 | |
| Yes | | 3 1,539,825 | 36.1491 | 31.5584 | 4.5907 | 6 | 9 : | 31 8 | 3 29.54 | 27.68 | (1.86) | TRUE | 1.691 | . 31 | 52 | 20% | 36 | 36 | |
| Yes | | 4 1,538,534 | 24.2709 | 23.3047 | 0.9662 | 4 | 3 | 22 (| 5 21.04 | 21.00 | (0.04) | TRUE | 1.691 | . 30 | 51 | 20% | 24 | 24 | |
| Yes | | 5 1,534,925 | 21.1285 | 18.7453 | 2.3832 | 3 | 7 | 19 (| 20.62 | 22.24 | 1.62 | TRUE | 0.473 | 31 | 15 | 20% | 21 | . 15 | |
| Yes | | 6 1,530,644 | 20.1167 | 12.0423 | 8.0744 | 3 | 6 | L8 (| 5 19.77 | 21.42 | 1.65 | TRUE | 0.473 | 30 | 14 | 20% | 20 | 14 | |
| Yes | | 7 1,526,761 | 16.5092 | 11.1769 | 5.3323 | 3 | 0 : | L4 5 | 5 16.11 | 17.73 | 1.61 | TRUE | 0.473 | 31 | 15 | 20% | 17 | 15 | |
| Yes | | 8 1,523,328 | 14.9436 | 10.7008 | 4.2428 | 2 | 7 | 13 4 | 14.60 | 16.23 | 1.62 | TRUE | 0.473 | 31 | 15 | 20% | 15 | 15 | |
| Yes | | 9 1,520,042 | 15.5083 | 10.9313 | 4.577 | 2 | 8 | 13 | 15.28 | 16.93 | 1.65 | TRUE | 0.473 | 30 | 14 | 20% | 16 | 14 | |
| Yes | | 10 1,517,068 | 16.9518 | 11.2745 | 5.6773 | 3 | 0 : | 15 5 | 16.55 | 18.16 | 1.61 | TRUE | 0.473 | 31 | 15 | 20% | 17 | 15 | |
| Yes | | 11 1,517,877 | 21.1898 | 18.1991 | 2.9907 | 3 | 8 | 19 (| 18.87 | 19.34 | 0.47 | TRUE | 1.691 | . 30 | 51 | 20% | 21 | 21 | |
| Yes | | 12 1,515,622 | 29.4789 | 26.8156 | 2.6634 | 5 | 6 | 25 | 7 24.84 | 24.08 | (0.76) | TRUE | 1.691 | . 31 | 52 | 20% | 29 | 29 | |
| | | | | | | | | | | | | | | | | | | | |

| Non BL | | | | | | | | | | | | | | | | |
|--------|--------------|--------------------------|-----------------|------------------|--------------|-----------------------|---------------|-------------------|--------------|--------------------------|-----------------|------------------|--------------|-----------------------|-----------------|-------------------|
| Usage | Total Bill 1 | Customer Charge \$/day = | BL Rate \$/th = | NBL Rate \$/th = | G-CP \$/th = | PPPS Non-CARE \$/th = | G-SRF \$/th = | PPPS CARE \$/th = | Total Bill 2 | Customer Charge \$/day = | BL Rate \$/th = | NBL Rate \$/th = | G-CP \$/th = | PPPS Non-CARE \$/th = | G-SRF \$/th = I | PPPS CARE \$/th = |
| | | 0.164383562 | 0.51432241 | 0.852837194 | 0.276897378 | 0.094023924 | 0.00166 | 0.069771948 | | 0.328767123 | 0.30907587 | 0.853481131 | 0.276897378 | 0.094023924 | 0.00166 | 0.069771948 |
| 0 | 38.65 | 4.07671 | 20.19505 | - | 10.87248 | - | 0.08148 | 3.42453 | 34.67 | 8.15342 | 12.13598 | - | 10.87248 | - | 0.08148 | 3.42453 |
| 0 | 34.73 | 3.68219 | 18.13612 | - | 9.76400 | - | 0.07317 | 3.07539 | 31.18 | 7.36438 | 10.89868 | - | 9.76400 | - | 0.07317 | 3.07539 |
| 0 | 29.54 | 4.07671 | 14.87383 | - | 8.00767 | - | 0.06001 | 2.52219 | 27.68 | 8.15342 | 8.93825 | - | 8.00767 | - | 0.06001 | 2.52219 |
| 0 | 21.04 | 3.94521 | 9.98645 | - | 5.37644 | - | 0.04029 | 1.69343 | 21.00 | 7.89041 | 6.00124 | - | 5.37644 | - | 0.04029 | 1.69343 |
| 6 | 20.62 | 4.07671 | 6.17187 | 4.18129 | 4.68034 | - | 0.03507 | 1.47418 | 22.24 | 8.15342 | 3.70891 | 4.18445 | 4.68034 | - | 0.03507 | 1.47418 |
| 6 | 19.77 | 3.94521 | 5.76041 | 4.17324 | 4.45621 | - | 0.03339 | 1.40358 | 21.42 | 7.89041 | 3.46165 | 4.17639 | 4.45621 | - | 0.03339 | 1.40358 |
| 2 | 16.11 | 4.07671 | 6.17187 | 1.02968 | 3.65708 | - | 0.02741 | 1.15188 | 17.73 | 8.15342 | 3.70891 | 1.03046 | 3.65708 | - | 0.02741 | 1.15188 |
| 0 | 14.60 | 4.07671 | 6.14866 | - | 3.31027 | - | 0.02481 | 1.04264 | 16.23 | 8.15342 | 3.69496 | - | 3.31027 | - | 0.02481 | 1.04264 |
| 2 | 15.28 | 3.94521 | 5.76041 | 1.02907 | 3.43537 | - | 0.02574 | 1.08204 | 16.93 | 7.89041 | 3.46165 | 1.02984 | 3.43537 | - | 0.02574 | 1.08204 |
| 2 | 16.55 | 4.07671 | 6.17187 | 1.33165 | 3.75513 | - | 0.02814 | 1.18276 | 18.16 | 8.15342 | 3.70891 | 1.33266 | 3.75513 | - | 0.02814 | 1.18276 |
| 0 | 18.87 | 3.94521 | 8.71871 | - | 4.69392 | - | 0.03518 | 1.47845 | 19.34 | 7.89041 | 5.23940 | - | 4.69392 | - | 0.03518 | 1.47845 |
| 0 | 24.84 | 4 07671 | 12 12933 | | 6 53010 | | 0.04893 | 2.05680 | 24.08 | 8 15342 | 7 28897 | | 6 53010 | | 0.04893 | 2.05680 |

CARE Bill Impacts Average

| Critic Bill impacts riverage | | | | | | | | | | | | | | | | | | |
|------------------------------|-------|--------------|---------|-------------|-----------|------------|--------|-------------|------------|------------|--------|------------|----------|---------|------------|----------|-----------|----------|
| | | | | | | | | | | Total Bill | | | | | | | | |
| | | | | | | High (90th | | Low (10th | Total Bill | \$10 Cust | | | Daily BL | Days/Mo | Monthly (| Care | Monthly I | Baseline |
| CARE | revmo | Customers | Average | Avg Baselin | Avg Non B | Percentile | Median | Percentile) | Status Quo | Charge | Delta | Care (T/F) | Limit | nth | BL Limit D | Discount | Therms | Usage |
| | | | Therms | Therms | Therms | Therms | Therms | Therms | | | | | | | | | | |
| Yes | | 1 1,541,827 | 49.0817 | 36.9564 | 12.1253 | 9 | 8 4 | 0 10 | 85.57 | 81.13 | (4.44) | TRUE | 1.691 | 31 | 52 | 20% | 98 | 52 |
| Yes | | 2 1,541,849 | 44.0777 | 34.2007 | 9.877 | 8 | 7 3 | 7 9 | 75.80 | 71.78 | (4.01) | TRUE | 1.691 | 28 | 47 | 20% | 87 | 47 |
| Yes | | 3 1,539,825 | 36.1491 | 31.5584 | 4.5907 | 6 | 9 3 | 1 8 | 57.28 | 52.83 | (4.45) | TRUE | 1.691 | 31 | 52 | 20% | 69 | 52 |
| Yes | | 4 1,538,534 | 24.2709 | 23.3047 | 0.9662 | 4 | 3 2 | 2 6 | 34.23 | 31.12 | (3.12) | TRUE | 1.691 | 30 | 51 | 20% | 43 | 43 |
| Yes | | 5 1,534,925 | 21.1285 | 18.7453 | 2.3832 | 3 | 7 1 | 9 6 | 36.10 | 37.72 | 1.63 | TRUE | 0.473 | 31 | 15 | 20% | 37 | 15 |
| Yes | | 6 1,530,644 | 20.1167 | 12.0423 | 8.0744 | 3 | 6 1 | 8 6 | 35.26 | 36.92 | 1.66 | TRUE | 0.473 | 30 | 14 | 20% | 36 | 14 |
| Yes | | 7 1,526,761 | 16.5092 | 11.1769 | 5.3323 | 3 | 0 1 | 4 5 | 29.27 | 30.89 | 1.62 | TRUE | 0.473 | 31 | 15 | 20% | 30 | 15 |
| Yes | | 8 1,523,328 | 14.9436 | 10.7008 | 4.2428 | 2 | 7 1 | 3 4 | 26.35 | 27.97 | 1.62 | TRUE | 0.473 | 31 | 15 | 20% | 27 | 15 |
| Yes | | 9 1,520,042 | 15.5083 | 10.9313 | 4.577 | 2 | 8 1 | 3 4 | 27.46 | 29.11 | 1.65 | TRUE | 0.473 | 30 | 14 | 20% | 28 | 14 |
| Yes | : | 10 1,517,068 | 16.9518 | 11.2745 | 5.6773 | 3 | 0 1 | 5 5 | 29.27 | 30.89 | 1.62 | TRUE | 0.473 | 31 | 15 | 20% | 30 | 15 |
| Yes | : | 11 1,517,877 | 21.1898 | 18.1991 | 2.9907 | 3 | 8 1 | 9 6 | 30.71 | 28.42 | (2.29) | TRUE | 1.691 | 30 | 51 | 20% | 38 | 38 |
| Yes | : | 12 1,515,622 | 29.4789 | 26.8156 | 2.6634 | 5 | 6 2 | 5 7 | 44.61 | 40.15 | (4.46) | TRUE | 1.691 | 31 | 52 | 20% | 56 | 52 |

| Non BL | | | | | | | | | | | | | | | | |
|--------|--------------|--------------------------|-----------------|------------------|--------------|-----------------------|---------------|-------------------|--------------|--------------------------|-----------------|------------------|--------------|-----------------------|-----------------|-------------------|
| Usage | Total Bill 1 | Customer Charge \$/day = | BL Rate \$/th = | NBL Rate \$/th = | G-CP \$/th = | PPPS Non-CARE \$/th = | G-SRF \$/th = | PPPS CARE \$/th = | Total Bill 2 | Customer Charge \$/day = | BL Rate \$/th = | NBL Rate \$/th = | G-CP \$/th = | PPPS Non-CARE \$/th = | G-SRF \$/th = I | PPPS CARE \$/th = |
| | | 0.164383562 | 0.51432241 | 0.852837194 | 0.276897378 | 0.094023924 | 0.00166 | 0.069771948 | | 0.328767123 | 0.30907587 | 0.853481131 | 0.276897378 | 0.094023924 | 0.00166 | 0.069771948 |
| 46 | 85.57 | 4.07671 | 21.39581 | 31.38441 | 21.70875 | - | 0.16268 | 6.83765 | 81.13 | 8.15342 | 12.85756 | 31.40811 | 21.70875 | - | 0.16268 | 6.83765 |
| 40 | 75.80 | 3.68219 | 19.33852 | 27.29079 | 19.27206 | - | 0.14442 | 6.07016 | 71.78 | 7.36438 | 11.62125 | 27.31140 | 19.27206 | - | 0.14442 | 6.07016 |
| 17 | 57.28 | 4.07671 | 21.39581 | 11.59859 | 15.28474 | - | 0.11454 | 4.81426 | 52.83 | 8.15342 | 12.85756 | 11.60734 | 15.28474 | - | 0.11454 | 4.81426 |
| 0 | 34.23 | 3.94521 | 17.69269 | - | 9.52527 | - | 0.07138 | 3.00019 | 31.12 | 7.89041 | 10.63221 | - | 9.52527 | - | 0.07138 | 3.00019 |
| 22 | 36.10 | 4.07671 | 6.17187 | 15.00993 | 8.19616 | - | 0.06142 | 2.58156 | 37.72 | 8.15342 | 3.70891 | 15.02127 | 8.19616 | - | 0.06142 | 2.58156 |
| 22 | 35.26 | 3.94521 | 5.76041 | 15.00993 | 7.97464 | - | 0.05976 | 2.51179 | 36.92 | 7.89041 | 3.46165 | 15.02127 | 7.97464 | - | 0.05976 | 2.51179 |
| 15 | 29.27 | 4.07671 | 6.17187 | 10.23405 | 6.64554 | - | 0.04980 | 2.09316 | 30.89 | 8.15342 | 3.70891 | 10.24177 | 6.64554 | - | 0.04980 | 2.09316 |
| 12 | 26.35 | 4.07671 | 6.17187 | 8.18724 | 5.98098 | - | 0.04482 | 1.88384 | 27.97 | 8.15342 | 3.70891 | 8.19342 | 5.98098 | - | 0.04482 | 1.88384 |
| 14 | 27.46 | 3.94521 | 5.76041 | 9.55178 | 6.20250 | - | 0.04648 | 1.95361 | 29.11 | 7.89041 | 3.46165 | 9.55899 | 6.20250 | - | 0.04648 | 1.95361 |
| 15 | 29.27 | 4.07671 | 6.17187 | 10.23405 | 6.64554 | - | 0.04980 | 2.09316 | 30.89 | 8.15342 | 3.70891 | 10.24177 | 6.64554 | - | 0.04980 | 2.09316 |
| 0 | 30.71 | 3.94521 | 15.63540 | - | 8.41768 | - | 0.06308 | 2.65133 | 28.42 | 7.89041 | 9.39591 | - | 8.41768 | - | 0.06308 | 2.65133 |
| 4 | 44 61 | 4 07671 | 21 39581 | 2 72908 | 12 40500 | | 0.09296 | 3 90723 | 40.15 | 8 15342 | 12 85756 | 2 73114 | 12 40500 | | 0.09296 | 3 90723 |

SoCalGas Residential Bill Impact 2020 TCAP Application

| | Rates 1 Status Quo | Rates 2 \$10 Cust Charge |
|--------------------------|-----------------------|-----------------------------|
| INPUT: | | |
| Customer Charge \$/day = | \$0.16438 | \$0.32877 |
| BL Rate \$/th = | \$0.51432 | \$0.30908 |
| NBL Rate \$/th = | \$0.85284 | \$0.85348 |
| G-CP \$/th = | \$0.27690 | \$0.27690 |
| PPPS Non-CARE \$/th = | \$0.09402 | \$0.09402 |
| G-SRF \$/th = | \$0.00166 | \$0.00166 |
| PPPS CARE \$/th = | \$0.06977 | \$0.06977 |

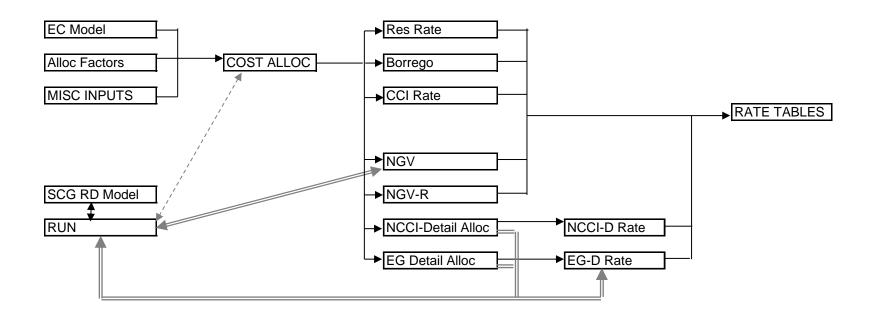
SAN DIEGO GAS & ELECTRIC 2020 TCAP

Section 1
Rate Design Model

Workpapers to the Prepared Written Testimony of Sharim Chaudhury

Gas Transportation Rates and Revenues San Diego Gas & Electric 2020 TRIENNIAL COST ALLOCATION PROCEEDING

| | Worksheet Tab | Purpose |
|----|--------------------|--|
| 1 | Table of Contents | Table of Contents |
| 2 | Flowchart | Rate Design Model Flowchart |
| 3 | Rate Tables | Proposed rates & revenue compared to Current Rates & Revenue |
| 4 | Revenue Check | Verifies that revenue requirements are properly recovered in rates |
| 5 | Cost Alloc | Allocates costs to customer classes |
| 6 | Alloc Factors | Factors used to allocate costs to classes, primarily demand forecast |
| 7 | CA Model | Results of base margin cost allocation model |
| 8 | Misc Input | Miscellaneous inputs, such as cost of gas |
| 9 | Res rate | Calculation of Residential Rates |
| 10 | Borrego | Data used in calculation of Borrego Springs Surcharge Rate |
| 11 | CCI Rates | Calculation of Core C&I rates |
| 12 | NGV | Calculation of NGV rate |
| 13 | NGV-R Rate | Calculation of NGV Residential rate |
| 14 | NCCI-D Rates | Calculation of Noncore C&I rate for Distribution level service |
| 15 | EG-D Rates | Calculation of Electric Generation rate for Distribution level service |
| 16 | NCCI detail Alloc | Allocation of NCCI costs into Distribution and Transmission level service |
| 17 | EG Detail Alloc | Allocation of EG costs into Distribution and Transmission level service |
| 18 | SDFFD | Calculation of San Diego Franchise Fee Differential |
| 19 | Current Cost Alloc | Results of Current Cost Allocation |
| 20 | Reconcile | Reconciles revenue requirement and rates between Proposal and Current |
| 21 | Res Bill | Compare residential bill under current rates and proposed rates |
| 22 | CCI Bill | Compare core commercial/industrial bill under current rates and proposed rates |
| 23 | RUN | Data that transfers between SCG and SDGE Rate Design Models |



KEY:

Data exchanged with SCG for Sempra Wide NGV, EG-D and TLS rates.

Data exchanged with SCG for System Integration and FAR revenue.

Tabs not shown in flowchart

Table of Contents

Flowchart

Revenue Check

SDFFD

Current Cost Alloc

Reconcile

Res Bill

CCI Bill

TABLE 1 Natural Gas Transportation Rate Revenues San Diego Gas & Electric 2020 TCAP Application

| | | At I | Present Rate | s | | At Proposed R | ates | | Changes | |
|----|---------------------------------|-----------|--------------|-----------|-----------|---------------|-----------|-----------|-------------|--------|
| | | Jul-1-18 | Average | Jul-1-18 | Jan-1-20 | Average | Jan-1-20 | | | Rate |
| | | Volumes | Rate | Revenues | Volumes | Rate | Revenues | Revenues | Rates | change |
| | | mtherms | \$/therm | \$000's | mtherms | \$/therm | \$000's | \$000's | \$/therm | % |
| | | Α | В | С | D | E | F | G | Н | I |
| 1 | CORE | | | | | | | | | |
| 2 | Residential | 319,982 | \$0.91560 | \$292,977 | 313,234 | \$0.92590 | \$290,025 | (\$2,952) | \$0.01030 | 1.1% |
| 3 | Commercial & Industrial | 182,660 | \$0.27781 | \$50,744 | 194,777 | \$0.32346 | \$63,002 | \$12,258 | \$0.04565 | 16.4% |
| 4 | | | | | | | | | | |
| 5 | NGV - Pre Sempra-Wide | 18,501 | \$0.14069 | \$2,603 | 24,129 | \$0.14570 | \$3,515 | \$913 | \$0.00501 | 3.6% |
| 6 | Sempra-Wide Adjustment | 18,501 | \$0.01414 | \$262 | 24,129 | \$0.01216 | \$294 | \$32 | (\$0.00197) | -13.9% |
| 7 | NGV Post Sempra-Wide | 18,501 | \$0.15482 | \$2,864 | 24,129 | \$0.15786 | \$3,809 | \$945 | \$0.00304 | 2.0% |
| 8 | | | | | | | | | | |
| 9 | Total CORE | 521,144 | \$0.66505 | \$346,586 | 532,140 | \$0.67057 | \$356,836 | \$10,250 | \$0.00552 | 0.8% |
| 10 | | | | | | | | | | |
| 11 | NONCORE COMMERCIAL & INDUSTRIAL | | | | | | | | | |
| 12 | Distribution Level Service | 27,807 | \$0.11678 | \$3,247 | 29,376 | \$0.09876 | \$2,901 | (\$346) | (\$0.01802) | -15.4% |
| 13 | Transmission Level Service (2) | 17,168 | \$0.02443 | \$419 | 17,569 | \$0.03239 | \$569 | \$150 | \$0.00796 | 32.6% |
| 14 | Total Noncore C&I | 44,975 | \$0.08152 | \$3,667 | 46,945 | \$0.07392 | \$3,470 | (\$196) | (\$0.00760) | -9.3% |
| 15 | | | | | | | | | | |
| 16 | NONCORE ELECTRIC GENERATION | | | | | | | | | |
| 17 | Distribution Level Service | | | | | | | | | |
| 18 | Pre Sempra-Wide | 95,807 | \$0.05180 | \$4,963 | 68,867 | \$0.07993 | \$5,505 | \$542 | \$0.02813 | 54.3% |
| 19 | Sempra-Wide Adjustment | 95,807 | \$0.01873 | \$1,794 | 68,867 | \$0.01444 | \$994 | (\$800) | (\$0.00429) | -22.9% |
| 20 | Distribution Level post SW | 95,807 | \$0.07053 | \$6,757 | 68,867 | \$0.09437 | \$6,499 | (\$258) | \$0.02384 | 33.8% |
| 21 | Transmission Level Service (2) | 574,075 | \$0.02048 | \$11,756 | 461,363 | \$0.02844 | \$13,123 | \$1,367 | \$0.00797 | 38.9% |
| 22 | Total Electric Generation | 669,882 | \$0.02764 | \$18,513 | 530,230 | \$0.03701 | \$19,621 | \$1,109 | \$0.00937 | 33.9% |
| 23 | | | | | | | | | | |
| 24 | TOTAL NONCORE | 714,857 | \$0.03103 | \$22,179 | 577,175 | \$0.04001 | \$23,092 | \$912 | \$0.00898 | 28.9% |
| 25 | | | | | | | | | | |
| 26 | SYSTEM TOTAL | 1,236,000 | \$0.29835 | \$368,765 | 1,109,315 | \$0.34249 | \$379,928 | \$11,163 | \$0.04413 | 14.8% |

¹⁾ These rates are for Natural Gas Transportation Service from "Citygate to Meter." The Backbone Transportation Service (BTS) rate is for service from Receipt Point to Citygate. The BTS rate is a SoCalGas tariff and service is purchased from SoCalGas.

²⁾ The average Transmission Level Service (TLS) rate is shown here, see Rate Table 6 for detailed list of TLS rates.

³⁾ All rates include Franchise Fees & Uncollectible charges.

TABLE 2 Core Gas Transportation Rates San Diego Gas & Electric 2020 TCAP Application

| | | At | Present Rates | S | At Propo | sed Rates | | | Changes | |
|----------|---|----------|---------------|-----------|----------|-------------|-----------|------------|-------------|--------|
| | | Jul-1-18 | Average | Jul-1-18 | Jan-1-20 | Average | Jan-1-20 | | | Rate |
| | | Volumes | Rate | Revenues | Volumes | Rate | Revenues | Revenues | Rates | change |
| | | mtherms | \$/therm | \$000's | mtherms | \$/therm | \$000's | \$000's | \$/therm | % |
| | | Α | В | С | D | E | F | G | Н | 1 |
| 1 | Residential RATES Schedule GR,GM | | | | | | | | | |
| 2 | Rates Exclude CSITMA & CAT | | | | | | | | | |
| 3 | Minimum Bill/Customer Charge | 884,624 | \$3.00 | \$221 | 874,067 | \$10.00 | \$104,888 | \$104,667 | | |
| 4 | | | | | | | | | | |
| 5 | Baseline \$/therm | 215,947 | \$0.86668 | \$187,156 | 255,260 | \$0.48617 | \$124,101 | (\$63,055) | (\$0.38050) | -43.9% |
| 6 | Non-Baseline \$/therm | 104,035 | \$1.04355 | \$108,566 | 57,974 | \$1.07317 | \$62,217 | (\$46,349) | \$0.02962 | 2.8% |
| 7 | Average Rate \$/therm | 319,982 | \$0.92487 | \$295,943 | 313,234 | \$0.92967 | \$291,206 | (\$4,738) | \$0.00480 | 0.5% |
| 8 | NBL/BL Ratio | | | | | | | | | |
| 9 | Composite Rate \$/th | | \$ 1.18018 | | | \$1.17395 | | | -\$0.00623 | |
| 10 | Gas Rate \$/th | | \$ 0.31248 | | | \$0.27687 | | | -\$0.03561 | -11.4% |
| 11 | NBL/Composite rate ratio | | 1.15 | | | 1.15 | | | | |
| 12 | NBL- BL rate difference \$/th | | 0.17687 | | | \$0.58700 | | | \$0.41013 | |
| 13 | | | | | | | | | | |
| 14 | Rates Include CSITMA, CARB and GHG Adders, Excludes CAT | | | | | | | | | |
| 15 | CSITMA Adder to Volumetric Rate | 258,048 | \$0.00331 | \$855 | 258,322 | \$0.00318 | \$822 | (\$33) | (\$0.00013) | -3.9% |
| 16 | CARB Adder to Volumetric Rate | | | | 313,234 | \$0.00083 | \$261 | | | |
| 17 | GHG End User Adder to Volumetric Rate | | | | 319,982 | \$0.00000 | \$0 | | | |
| 18 | Baseline \$/therm | | \$0.86999 | | | \$0.49019 | | | (\$0.37980) | -43.7% |
| 19 | Non-Baseline \$/therm | | \$1.04686 | | | \$1.07719 | | | \$0.03033 | 2.9% |
| 20 | Average NonCARE Rate \$/therm | | \$0.92819 | | | \$0.93369 | | | \$0.00550 | 0.6% |
| 21 | 0.1.11.4.4.0.4.11.4.00.07 | | | | | | | | | |
| 22 | Sub Meter Credit Schedule GS,GT | 5.070 | (00.00000) | (0000) | 5.070 | (00.00400) | (0500) | 0054 | 00.44770 | 00.00/ |
| 23 | GS Unit Discount \$/day | 5,870 | (\$0.38268) | (\$820) | 5,879 | (\$0.26499) | (\$569) | \$251 | \$0.11770 | -30.8% |
| 24 25 | GT Unit Discount \$/day | 27,189 | (\$0.40932) | (\$4,062) | 26,104 | (\$0.28570) | (\$2,722) | \$1,340 | \$0.12362 | -30.2% |
| 25 26 | Schedule GL-1 | | | | | | | | | |
| 27 | LNG Facility Charge, domestic use \$/month | 321 | \$14.79 | \$57 | 293 | \$14.79 | \$52 | | \$0.00000 | 0.0% |
| 28 | LNG Facility Charge, non-domestic \$/mth/mbtu | 321 | \$0.05480 | ΨΟΙ | 293 | \$0.05480 | Ψ32 | | \$0.00000 | 0.0% |
| 29 | LNG Volumetric Surcharge \$/th | 74 | \$0.16571 | \$12 | 76 | \$0.16571 | \$13 | | \$0.00000 | 0.0% |
| 30 | ENO Volumente outenarge with | 7-7 | ψ0.10371 | \$69 | 70 | ψ0.10371 | \$65 | | ψ0.00000 | 0.070 |
| 31 | Volumetric Rates Include All Adders & CAT | | | ΨΟΟ | | | ψoo | | | |
| 32 | CAT Adder to Volumetric Rate | 2,764 | \$0.00000 | \$0 | 2,253 | \$0.00000 | \$0 | \$0 | \$0.00000 | |
| 33 | Baseline \$/therm | , | \$0.86999 | | , | \$0.49019 | • | | (\$0.37980) | -43.7% |
| 34 | Non-Baseline \$/therm | | \$1.04686 | | | \$1.07719 | | | \$0.03033 | 2.9% |
| 35 | Average Rate \$/therm | | \$0.92819 | | | \$0.93369 | | | \$0.00550 | 0.6% |
| 36 | | | | | | | | | | |
| 37 | Other Adjustments: | | | | | | | | | |
| 38 | Employee Discount | | | (\$349) | | | (\$367) | (\$18) | | |
| 39 | SDFFD | | | \$1,340 | | | \$1,330 | (\$11) | | |
| 40 | | | | | | | | | | |
| 41 | Credit for CSITMA Exempt Customers: | | (\$0.00331) | | | (\$0.00318) | | | \$0.00013 | -3.9% |
| 42 | | | | | | | | | | |
| 43 | California Climate Credit - April Bill | | \$0.00 | | | \$0.00 | | | | |
| 44 | Total Residential | 319,982 | \$0.91560 | \$292,977 | 313,234 | \$0.92590 | \$290,025 | (\$2,952) | \$0.01030 | 1.1% |

See footnotes, Table 1.

<u>TABLE 3</u> Natural Gas Transportation Rate Revenues <u>San Diego Gas & Electric</u>

| | 1 | Λ+ Ι | Present Rate: | | At Propo | sed Rates | | | Changes | |
|----|--|----------|---------------|----------------|----------|----------------|-------------|-------------|-------------|---------|
| | | Jul-1-18 | Average | Jul-1-18 | Jan-1-20 | Average | Jan-1-20 | | Changes | Rate |
| | | Volumes | Rate | Revenues | Volumes | Rate | Revenues | Revenues | Rates | change |
| | | mtherms | \$/therm | \$000's | mtherms | \$/therm | \$000's | \$000's | \$/therm | % |
| | | A | В | Ф000 s С | D | Ę | ф000 s F | φ000 s G | Н | /0 I |
| 1 | | | | 0 | | | | | | - |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | CORE COMMERCIAL & INDUSTRIAL RATES Schedule GN-3 | | | | | | | | | |
| 5 | Customer Charge \$/month | 30,265 | \$10.00 | \$3,632 | 30,937 | \$10.00 | \$3,712 | \$81 | \$0.00000 | 0.0% |
| 6 | Castonia Charge Chineria | 00,200 | ψ.σ.σσ | ψ0,00 <u>2</u> | 00,007 | \$10.00 | ψο,: :2 | ψ0. | ψο.σσσσσ | 0.070 |
| 7 | Rates Exclude CSITMA & CAT | | | | | | | | | |
| 8 | Tier 1 = 0 to 1,000 therms/month | 82,658 | \$0.32811 | \$27,121 | 87,627 | \$0.39272 | \$34,413 | \$7,292 | \$0.06461 | 19.7% |
| 9 | Tier 2 = 1,001 to 21,000 therms/month | 84,219 | \$0.19690 | \$16,583 | 88,939 | \$0.23099 | \$20,544 | \$3,961 | \$0.03409 | 17.3% |
| 10 | Tier 3 = over 21,000 therms/month | 15,783 | \$0.15984 | \$2,523 | 18,211 | \$0.18530 | \$3,375 | \$852 | \$0.02546 | 15.9% |
| 11 | · | | | | | | | | | |
| 12 | Rates Includes CSITMA, Excludes CAT | | | | | | | | | |
| 13 | CSITMA Adder to Volumetric Rate | 182,649 | \$0.00331 | \$605 | 187,959 | \$0.00318 | \$598 | (\$7) | (\$0.00013) | -3.9% |
| 14 | Tier 1 = 0 to 1,000 therms/month | | \$0.33142 | | | \$0.39590 | | | \$0.06448 | 19.5% |
| 15 | Tier 2 = 1,001 to 21,000 therms/month | | \$0.20022 | | | \$0.23417 | | | \$0.03396 | 17.0% |
| 16 | Tier 3 = over 21,000 therms/month | | \$0.16315 | | | \$0.18849 | | | \$0.02533 | 15.5% |
| 17 | | | | | | | | | | |
| 18 | Rates Include CSITMA & CAT | | | | | | | | | |
| 19 | CAT Adder to Volumetric Rate | 35,463 | \$0.00000 | \$0 | 39,978 | \$0.00000 | \$0 | \$0 | \$0.00000 | |
| 20 | Tier 1 = 0 to 1,000 therms/month | | \$0.33142 | | | \$0.39590 | | | \$0.06448 | 19.5% |
| 21 | Tier 2 = 1,001 to 21,000 therms/month | | \$0.20022 | | | \$0.23417 | | | \$0.03396 | 17.0% |
| 22 | Tier 3 = over 21,000 therms/month | | \$0.16315 | | | \$0.18849 | | | \$0.02533 | 15.5% |
| 23 | | | | | | | | | | |
| 24 | Other Adjustments: | | | | | | | | | |
| 25 | Adjustment for SDFFD | | | \$281 | | | \$360 | \$79 | | |
| 26 | Credit for CSITMA Exempt Customers: | | (\$0.00331) | | | (\$0.00318) | | | \$0.00013 | -3.9% |
| 27 | | | | | | | | | | |
| 28 | Total Core C&I | 182,660 | \$0.27781 | \$50,744 | 194,777 | \$0.32346 | \$63,002 | \$12,258 | \$0.04565 | 16.4% |

CSITMA - Tariff rate Include CSITMA, exempt customers (including CARE participants and Constitutionally Exempt) receive Credit for CSITMA. CARE participants receive 20% CARE discount (Tariff rate less Credit for CSITMA Exempt Customers)*20%.
 See footnotes, Table 1.

TABLE 4

Other Core Gas Transportation Rates <u>San Diego Gas & Electric</u>

01/00/00

2020 TCAP Application

2020 TCAP \$10 customer charge

| | 1 | | | | stomer charge | 15.4 | | | 01 | |
|----------|--|----------|-------------------|---------------|------------------|-----------------|---------------|----------|-----------------|---------|
| | | | Present Rates | | | osed Rates | | | Changes | |
| | | Jul-1-18 | Average | Jul-1-18 | Jan-1-20 | Average | Jan-1-20 | _ | _ | Rate |
| | | Volumes | Rate | Revenues | Volumes | Rate | Revenues | Revenues | Rates | change |
| | | mtherms | \$/therm | \$000's | mtherms | \$/therm | \$000's | \$000's | \$/therm | % |
| | | A | В | С | D | E | F | G | Н | I |
| 1 | NATURAL GAS VEHICLE RATES G-NGV & GT-NGV | Sempra | -Wide NGV Ra | ates | Sempra | -Wide NGV Rates | | | | |
| 2 | Customer Charge | 00 | 040.00 | 0.4 | 45 | 010.00 | 00 | (00) | # 0.00 | 0.00/ |
| 3 | P1 \$/month | 28 | \$13.00 | \$4 | 15 | \$13.00 | \$2 | (\$2) | \$0.00 | 0.0% |
| 4 | P2A \$/month | 10 | \$65.00 | \$8 | 13 | \$65.00 | \$10 | \$2 | \$0.00 | 0.0% |
| 5 | Haraman Andre Frankska COITMA 9 CAT 6/6-am- | 40.504 | CO 44000 | #0.000 | 04.400 | CO 40500 | #0.000 | £4.000 | CO 04570 | 4.4.407 |
| 6 | Uncompressed Rate Exclude CSITMA & CAT \$/therm | 18,501 | \$0.11003 | \$2,036 | 24,129 | \$0.12583 | \$3,036 | \$1,000 | \$0.01579 | 14.4% |
| 7 8 | Compressor Adder \$/therm exclude CSITMA & CAT | 744 | \$1.03701 | \$772 | 628 | \$1.04809 | \$659 | (\$113) | \$0.01108 | 1.1% |
| 9 | Combined transport & compressor adder \$/th | | \$1.14704 | | | \$1.17392 | | | \$0.02688 | 2.3% |
| | Volumetrie Detec Include CSITMA CARR and CHC evaluates CAT | | | | | | | | | |
| 10 11 | Volumetric Rates Include CSITMA, CARB and GHG excludes CAT CSITMA Adder to Volumetric Rate | 11,409 | \$0.00331 | \$38 | 22 502 | \$0.00318 | \$75 | \$37 | (\$0,00012) | 2.00/ |
| 12 | CARB Adder to Volumetric Rate | 11,409 | Ф 0.0033 I | φοο | 23,583 24,129 | \$0.00318 | \$75 \$20 | φ37 | (\$0.00013) | -3.9% |
| 13 | GHG End User Adder to Volumetric Rate | | | | 24,129 | \$0.00000 | \$20 \$0 | | | |
| 14 | Uncompressed Rate \$/therm | | \$0.11335 | | 24,129 | \$0.12984 | Φ0 | | \$0.01650 | 14.6% |
| 15 | Combined transport & compressor adder \$/th | | \$1.15036 | | - | \$1.17794 | - | | \$0.01050 | 2.4% |
| 16 | Combined transport & compressor adder \$/th | | φ1.13030 | | | φ1.17794 | | | ψ0.02730 | 2.470 |
| 17 | Volumetric Rates Include CSITMA & CAT | | | | | | | | | |
| 18 | CAT Adder to Volumetric Rate | | \$0.00000 | | | \$0.00000 | | | | |
| 19 | Uncompressed Rate \$/therm | | \$0.11335 | | | \$0.12984 | | \$0 | \$0.01650 | 14.6% |
| 20 | Combined transport & compressor adder \$/th | | \$1.15036 | | _ | \$1.17794 | _ | ΨΟ | \$0.02758 | 2.4% |
| 21 | Other Adjustments: | | ψ1.13030 | | | ψ1.17754 | | | ψ0.02730 | 2.470 |
| 22 | Adjustment for SDFFD 0.491% | | | \$7 | | | \$7 | \$0 | | |
| 23 | Credit for CSITMA Exempt Customers \$/th | | (\$0.00331) | Ψ | | (\$0.00318) | Ų, | Ψο | \$0.00013 | -3.9% |
| 24 | Low Carbon Fuel Standard (LCFS) Credit | | \$0.00000 | | | \$0.00000 | | | ψοισσοίσ | 0.070 |
| 25 | Total NGV | 18,501 | \$0.15482 | \$2,864 | 24,129 | \$0.15786 | \$3,809 | \$945 | \$0.00304 | 2.0% |
| 26 | | | | | - | | | | | |
| 27 | RESIDENTIAL NATURAL GAS VEHICLES (optional rate) | | | | | | | | | |
| 28 | Customer Charge | 885 | \$5.00 | \$53 | 15 | \$5.00 | \$1 | (\$52) | \$0.00 | 0.0% |
| 29 | Uncompressed Rate w/o CSITMA & CAT \$/therm | 969 | \$0.25853 | \$251 | 9 | \$1.72275 | \$16 | (\$235) | \$1.46423 | 566.4% |
| 30 | | 969 | \$0.31329 | \$304 | 9 | \$1.81923 | \$17 | (\$287) | \$1.50594 | 480.7% |
| 31 | | | | | | | | | | |
| 32 | Volumetric Rates Including CSITMA , Excluding CAT | | | | | | | | | |
| 33 | CSITMA Adder to Volumetric Rate | | \$0.00331 | | 9 | \$0.00318 | \$0 | | (\$0.00013) | -3.9% |
| 34 | CARB Adder to Volumetric Rate | | | | 9 | \$0.00083 | \$0 | | | |
| 35 | GHG End User Adder to Volumetric Rate | | | | 9 | \$0.00000 | \$0 | | | |
| 36 | Uncompressed Rate \$/therm | | \$0.26184 | | | \$1.72677 | | | \$1.46493 | 559.5% |
| 37 | | | | | | | | | | |
| 38 | Volumetric Rates Include CSITMA & CAT | | | | | | | | | |
| 39 | CAT Adder to Volumetric Rate | 0 | \$0.00000 | \$0 | 0 | \$0.00000 | \$0 | \$0 | \$0.00000 | |
| 40 | Uncompressed Rate \$/therm | | \$0.26184 | | | \$1.72677 | | | (\$1.50594) | \$5 |
| 41 | | | | | | | | | | |
| 42 | Other Adjustments: | | | | | | | | | |
| 43 | Adjustment for SDFFD | | | \$0 | | | \$0 | \$0 | | |
| 44 | Credit for CSITMA Exempt Customers \$/th | | (\$0.00331) | | | (\$0.00318) | | | \$0.00013 | -3.9% |
| 45 | | | | | | | | | | |
| 46 | Total Residential NGV | 969 | \$0.31329 | \$304 | 9 | \$1.82324 | \$17 | (\$287) | \$1.50996 | 482.0% |

¹⁾ CSITMA - Tariff rate Include CSITMA, exempt customers (including CARE participants and Constitutionally Exempt) receive Credit for CSITMA.

TABLE 5 NonCore Gas Transportation Rates San Diego Gas & Electric

| | | At I | Present Rates | 3 | At Propo | osed Rates | | | Changes | |
|--|---|-------------|-------------------------------------|-------------|-------------------|--|---------------------|--------------------|------------------------|--------|
| | | Jul-1-18 | Average | Jul-1-18 | Jan-1-20 | Average | Jan-1-20 | | | Rate |
| | | Volumes | Rate | Revenues | Volumes | Rate | Revenues | Revenues | Rates | change |
| | | mtherms | \$/therm | \$000's | mtherms | \$/therm | \$000's | \$000's | \$/therm | % |
| | | Α | В | С | D | E | F | G | Н | - 1 |
| 1 | NonCore Commercial & Industrial Distribution Level | | | | | | | | | |
| 2 | Customer Charges \$/month | 42 | \$350.00 | \$177 | 44 | \$350.00 | \$185 | \$8 | \$0.00 | 0.0% |
| 3 | | | | | | | | | | |
| 4 | Volumetric Charges Exclude CARB, GHG, CSITMA | 27,807 | \$0.10741 | \$2,987 | 29,376 | \$0.08951 | \$2,629 | (\$357) | (\$0.01790) | -16.7% |
| 5 | CSITMA Adder to Volumetric Rate | 25,154 | \$0.00331 | \$83 | 27,293 | \$0.00318 | \$87 | \$4 | (\$0.00013) | -3.9% |
| 6 | GHG Adder to Volumetric Rate | | \$0.00000 | \$0 | | \$0.00000 | \$0 | \$0 | \$0.00000 | |
| 7 | | | | | | | | | | |
| 8 | Volumetric Charges Include CARB, GHG, and CSITMA | | | | | | | | | |
| 9 | Volumetric Rates \$/therm | | \$0.11072 | | | \$0.09269 | | | (\$0.01803) | -16.3% |
| 10 | | | | | | | | | | |
| 11 | Other Adjustments: | | | | | | | | | |
| 12 | SDFFD 0.727% | | | | | | | | | |
| 13 | Credit for CSITMA Exempt Customers \$/th | | (\$0.00331) | | | (\$0.00318) | | | \$0.00013 | -3.9% |
| 14 | Credit for CARB Fee Exempt Customers \$/th | | (\$0.00076) | | | (\$0.00083) | | | (\$0.00007) | 9.8% |
| 15 | Credit for GHG Fee Exempt Customers \$/th | 07.007 | \$0.00000 | 00.047 | 00.070 | \$0.00000 | 20.004 | (00.40) | \$0.00000 | 45.40/ |
| 16 | NCCI-Distribution Total | 27,807 | \$0.11678 | \$3,247 | 29,376 | \$0.09876 | \$2,901 | (\$346) | (\$0.01802) | -15.4% |
| 17 18 | NCCI-Transmission Total (1) | 17,168 | \$0.02443 | \$419 | 17,569 | \$0.03239 | \$569 | \$150 | \$0.00796 | 32.6% |
| 19 | NCCI-Transmission I dai (1) NCCI-Transmission Class Average | 17,168 | \$0.02443 | \$419 | 17,569 | \$0.03239 | \$569 | \$150 | \$0.00790 | 32.0% |
| | | | | | | | | | | |
| 20 | Total NonCore C&I | 44,975 | \$0.08152 | \$3,667 | 46,945 | \$0.07392 | \$3,470 | (\$196) | (\$0.00760) | -9.3% |
| 21 | | | | | | | | | | |
| 22 | ELECTRIC GENERATION | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | Small EG Distribution Level Service (a Sempra-Wide rate) exclude C | | | 000 | 00 | \$50.00 | 044 | 044 | # 0.00 | 0.00/ |
| 25 | Customer Charge, \$/month | 46 | \$50.00 | \$28 | 69 | \$50.00 | \$41 | \$14 | \$0.00 | 0.0% |
| 26 | Volumetric Rate \$/therm | 19,210 | \$0.12635 | \$2,427 | 24,662 | \$0.12880 | \$3,176 | \$749 | \$0.00 | 1.9% |
| 27 | Laura FO Distribution Laura Comitae (a Common Mida acta) analysis | ADD OUG - | COITMA | | | | | | | |
| 28 | Large EG Distribution Level Service (a Sempra-Wide rate) exclude C | ARB, GHG, a | | | | CO. OO | | | CO OO | |
| 29 30 | Customer Charge, \$/month | 70.500 | \$0.00 | £4.000 | 44.000 | \$0.00 | CO 004 | (ft4 007) | \$0.00 | 20.00/ |
| | Volumetric Rate (Incl ITCS) \$/th | 76,596 | \$0.05523 | \$4,230 | 44,206 | \$0.07293 | \$3,224 | (\$1,007) | \$0.02 | 32.0% |
| 31 32 | EG Distribution exclude CARB & GHG Fee, CSITMA | 95,807 | \$0.06978 | \$6,685 | 68,867 | \$0.09353 | \$6,441 | (\$244) | \$0.02 | 34.0% |
| 33 | EG Distribution exclude CAIND & GITG Fee, CSITIVIA | 93,007 | ψ0.00976 | ψ0,000 | 00,007 | ψυ.υ9333 | ψ0, 44 1 | (\$244) | ψ0.02 | 34.076 |
| 34 | Volumetric Rates Includes CARB Fee, GHG Fee Excludes CSITMA: | | | | | | | | | |
| 35 | CARB Fee Cost Adder - Small | 17,675 | \$0.00076 | \$13 | 24,560 | \$0.00083 | \$20 | \$7 | \$0.00007 | |
| 36 | CARB Fee Cost Adder - Large | 76,596 | \$0.00076 | \$58 | 44,206 | \$0.00083 | \$37 | Ψ | φυ.υυυυ1 | |
| 37 | GHG Fee Cost Adder - Large | 18,266 | \$0.00076 | \$36 \$0 | 23,450 | \$0.00000 | \$0 | \$0 | \$0.00000 | |
| 38 | GHG Fee Cost Adder - Small | 8,082 | \$0.00000 | \$0 \$0 | 4,665 | \$0.00000 | \$0 \$0 | \$0 | φυ.υυυυυ | |
| 37 | EG-Distribution Tier 1 Incl CARB & GHG Fee, Excl CSITMA | 0,002 | \$0.12711 | ΨΟ | 4,005 | \$0.12963 | ΨΟ | | \$0.00252 | 2.0% |
| 38 | EG-Distribution Tier 2 Incl CARB & GHG Fee, Excl CSITMA | | \$0.05599 | | | \$0.07376 | | | \$0.00232 | 31.7% |
| 39 | Total - EG Distribution Level | 95,807 | \$0.07053 | \$6,757 | 68,867 | \$0.09437 | \$6,499 | (\$258) | \$0.02384 | 33.8% |
| | Total Ed Biotribation Edvor | 00,007 | (\$0.00076) | ψο,τοτ | 00,007 | (\$0.00083) | ψ0,400 | (Ф200) | ψ0.0200 1 | 00.070 |
| | Credit for CARB Fee Exempt Customers \$/th | | | | | | | | | |
| 40 | Credit for CARB Fee Exempt Customers \$/th | | | | | | | | | |
| 40 41 | Credit for CARB Fee Exempt Customers \$/th Credit for GHG Fee Exempt Customers \$/th | | \$0.00000 | | | \$0.00000 | | | | |
| 40 41 42 | Credit for GHG Fee Exempt Customers \$/th | 479 795 | \$0.00000 | \$9.765 | 461 363 | \$0.00000 | \$13,090 | \$3 324 | \$0.00802 | 39.4% |
| 40 41 42 43 | Credit for GHG Fee Exempt Customers \$/th EG Transmission Level Service Excl CARB & GHG fee & CSITMA | 479,795 | | \$9,765 | 461,363 39.584 | \$0.00000 \$0.02837 | \$13,090 \$33 | \$3,324 | \$0.00802 | 39.4% |
| 40 41 42 43 44 | Credit for GHG Fee Exempt Customers \$/th EG Transmission Level Service Excl CARB & GHG fee & CSITMA EG Transmission Level Service - CARB | 479,795 | \$0.00000 | \$9,765 | 39,584 | \$0.00000 \$0.02837 \$0.00083 | \$33 | \$3,324 | \$0.00802 | 39.4% |
| 40 41 42 43 44 45 | Credit for GHG Fee Exempt Customers \$/th EG Transmission Level Service Excl CARB & GHG fee & CSITMA EG Transmission Level Service - CARB EG Transmission Level Service - GHG | · | \$0.00000 \$0.02035 | | , | \$0.00000 \$0.02837 | | \$3,324 | \$0.00802 | 39.4% |
| 40 41 42 43 44 45 46 | Credit for GHG Fee Exempt Customers \$/th EG Transmission Level Service Excl CARB & GHG fee & CSITMA EG Transmission Level Service - CARB EG Transmission Level Service - GHG EG Transmission Level Service Incl CARB & GHG Fee & CSITMA | 94,280 | \$0.00000 \$0.02035 \$0.02007 | \$1,893 | 39,584 4,857 | \$0.00000 \$0.02837 \$0.00083 \$0.00000 | \$33 \$0 | | • | |
| 40 41 42 43 44 45 46 47 | Credit for GHG Fee Exempt Customers \$/th EG Transmission Level Service Excl CARB & GHG fee & CSITMA EG Transmission Level Service - CARB EG Transmission Level Service - GHG | · | \$0.00000 \$0.02035 | | 39,584 | \$0.00000 \$0.02837 \$0.00083 | \$33 | \$3,324 \$1,367 | \$0.00802 \$0.00797 | 39.4% |
| 40 41 42 43 44 45 46 | Credit for GHG Fee Exempt Customers \$/th EG Transmission Level Service Excl CARB & GHG fee & CSITMA EG Transmission Level Service - CARB EG Transmission Level Service - GHG EG Transmission Level Service Incl CARB & GHG Fee & CSITMA | 94,280 | \$0.00000 \$0.02035 \$0.02007 | \$1,893 | 39,584 4,857 | \$0.00000 \$0.02837 \$0.00083 \$0.00000 | \$33 \$0 | | • | |

CSITMA - Tariff rate Include CSITMA, exempt customers (including CARE participants and Constitutionally Exempt) receive Credit for CSITMA.
 Schedule EG Tariff Rate exclude CSITMA, since EG customers are exempt.

²⁾ CARB - GTNC and EG Tariff rates Include CARB. Those EG and GTNC customers that are exempt will receive CARB credit.

³⁾ GHG - GTNC and EG Tariff rates Include GHG. Those EG and GTNC customers that are exempt will receive GHG credit. See footnotes, Table 1.

<u>TABLE 6</u> Transmission Level Service Gas Transportation Rates <u>San Diego Gas & Electric</u>

| | | At | Present Rates | | At Propo | osed Rates | | Г | Changes | |
|----------|--|----------|------------------------|----------|-------------|------------------------|----------|--------------|------------------------|----------------|
| | I | Jul-1-18 | Average | Jul-1-18 | Jan-1-20 | Average | Jan-1-20 | | 01 | Rate |
| | ı | Volumes | Rate | Revenues | | Rate | Revenues | Revenues | Rates | change |
| | ı | mtherms | \$/therm | \$000's | mtherms | \$/therm | \$000's | \$000's | \$/therm | % |
| | | Α | В | С | D | E | F | G | Н | 1 |
| 1 | Transmission Level Service Rate Excluding CSITMA, CARB, and GHG | G Fees | | | | | | | | |
| 2 | Reservation Service Option (RS): | | | ŗ | 1 | | , | | | ľ |
| 3 | Daily Reservation rate \$/th/day | | \$0.00674 | ŗ | 1 | \$0.00968 | , | | \$0.00294 | 43.6% |
| 4 | Usage Charge for RS \$/th | | \$0.01000 | , | 1 | \$0.01414 | ! | | \$0.00414 | 41.4% |
| 5 | 1 | | | , | 1 | | ! | | | ľ |
| 6 | Class Average Volumetric Rate (CA) | | | , | 1 | ** ** 107 | , | 1 | ±- ===== | |
| 7 | Volumetric Rate \$/th | | \$0.01045 | , | 1 | \$0.01437 | ! | 1 | \$0.00392 | 37.5% |
| 8 | Usage Charge for CA \$/th | <u> </u> | \$0.01000 | ' | | \$0.01414 \$0.02851 | ' | + | \$0.00414 | 41.4% |
| 9 | Class Average Volumetric Rate CA \$/th | | \$0.02045 | , | 1 | \$0.0∠851 | ! | 1 | \$0.00806 | 39.4% |
| 10 11 | 115% CA (for NonBypass Volumetric NV) \$/th | | \$0.02352 | , | 1 | \$0.03279 | ! | 1 | \$0.00927 | 39.4% |
| 11 | 135% CA (for Bypass Volumetric BV) \$/th | | \$0.02352 \$0.02761 | , | 1 | \$0.03279 \$0.03849 | ! | 1 | \$0.00927 \$0.01088 | 39.4% 39.4% |
| 13 | 135% CA (IOI Bypass volumente bv) with | | φυ.υ∠ | , | 1 | Φυ.υσυ-τσ | , | 1 | Φυ.υ 1000 | 39.470 |
| 14 | Average Transmission Level Service | 591,243 | \$0.02035 | \$12,034 | 478,932 | \$0.02837 | \$13,588 | \$1,554 | \$0.00802 | 39.4% |
| 15 | The state of the s | T | | | 1 | | | | | / |
| 16 | C&I Rate Include CSITMA, CARB, and GHG Fees | | | , | 1 | | , | 1 | | ľ |
| 17 | CSITMA Adder to Usage Rate \$/th | 17,168 | \$0.00331 | \$57 | 17,569 | \$0.00318 | \$56 | (\$1) | (\$0.00013) | -3.9% |
| 18 | CARB Cost Adder | 111,448 | \$0.00076 | \$85 | 57,153 | \$0.00083 | \$48 | 1 | \$0.00007 | Į! |
| 19 | GHG Cost Adder | 2,824 | \$0.00000 | \$0 | 5,718 | \$0.00000 | \$0 | 1 | \$0.00000 | ľ |
| 20 | Reservation Service Option (RS): | 1 | | ! | | | | 1 | | |
| 21 | Daily Reservation rate \$/th/day | | \$0.00674 | | | \$0.00968 | | | \$0.00294 | 43.6% |
| 22 | Usage Charge for RS \$/th | | \$0.01407 | | | \$0.01816 | | / | \$0.00408 | 29.0% |
| 23 | | | | | A Company | | | | | <i>[</i> |
| 24 | Class Average Volumetric Rate (CA) | | | | A Company | | | | | المالية |
| 25 | Volumetric Rate \$/th | | \$0.01045 | | A Company | \$0.01437 | | | \$0.00392 | 37.5% |
| 26 | Usage Charge for CA \$/th | | \$0.01407 | | | \$0.01816 | | | \$0.00408 | 29.0% |
| 27 | Class Average Volumetric Rate CA \$/th | | \$0.02452 | | A Company | \$0.03253 | | | \$0.00801 | 32.6% |
| 28 | | | | | | | | / | | 12/ |
| 29 | 115% CA (for NonBypass Volumetric NV) \$/th | | \$0.02759 | | A Company | \$0.03681 | | | \$0.00922 | 33.4% |
| 30 | 135% CA (for Bypass Volumetric BV) \$/th | | \$0.03168 | 1 | 4 | \$0.04251 | | 4 | \$0.01083 | 34.2% |
| 31 32 | Other Adjustments: | | | , | 1 | | , | 1 | | ľ |
| 33 | Credit for CSITMA Exempt Customers \$/th | | (\$0.00331) | | 4 | (\$0.00318) | | | \$0.00013 | -3.9% |
| 33 | CARB Fee Credit for Exempt Customers \$/th | | (\$0.00331) | | A Company | (\$0.00318) | | | (\$0.00013 | -3.9% 9.8% |
| 34 35 | GHG Fee Credit for Exempt Customers \$/th | | \$0.00076) | | | \$0.00083) | | / | \$0.00007) | 9.070 |
| 36 | Grid i de diducto. Example Essentia | | φοιου | | | φοιστο | | | ΨΟ.Ε.Σ. | |
| 37 | EG Rate Include CARB & GHG Fees, excludes CSITMA: | | | Ī | 1 | | Ī | 1 | | ŀ |
| 38 | CARB Fee Cost Adder | | \$0.00076 | , | 1 | \$0.00083 | ! | 1 | \$0.00007 | ı |
| 39 | GHG Fee Cost Adder | | \$0.00000 | , | 1 | \$0.00000 | , | 1 | \$0.00000 | I |
| 40 | Reservation Service Option (RS): | | | | | | | | | |
| 41 | Daily Reservation rate \$/th/day | | \$0.00674 | | A Company | \$0.00968 | | | \$0.00294 | 43.6% |
| 42 | Usage Charge for RS \$/th | | \$0.01076 | | A Company | \$0.01497 | | | \$0.00421 | 39.2% |
| 43 | | | | | | | | / | | |
| 44 | Class Average Volumetric Rate (CA) | | | | A Company | | | | | |
| 45 | Volumetric Rate \$/th | | \$0.01045 | | A Company | \$0.01437 | | | \$0.00392 | 37.5% |
| 46 | Usage Charge for CA \$/th | | \$0.01076 | | | \$0.01497 | | | \$0.00421 | 39.2% |
| 47 | Class Average Volumetric Rate CA \$/th | | \$0.02121 | | | \$0.02935 | | | \$0.00814 | 38.4% |
| 48 | | | | | A Company | | | | | |
| 49 | 115% CA (for NonBypass Volumetric NV) \$/th | | \$0.02428 | | A Company | \$0.03362 | | | \$0.00935 | 38.5% |
| 50 | 135% CA (for Bypass Volumetric BV) \$/th | | \$0.02837 | | | \$0.03933 | | | \$0.01096 | 38.6% |
| 51 | 1 | | | , | 1 | | ! | 1 | | |
| 52 | Other Adjustments: | | | | | | | | | 20/ |
| 53 | CARB Fee Credit for Exempt Customers \$/th | | (\$0.00076) | | A Company | (\$0.00083) | | | (\$0.00007) | 9.8% |
| 54 | GHG Fee Credit for Exempt Customers \$/th | | \$0.00000 | | 4 | \$0.00000 | | | \$0.00000 | |
| 55 56 | Average Transmission Level Service | 501.040 | ** 220E0 | *40.47E | 470.000 | ** 220E0 | *42.602 | \$4.546 | ** 20000 | 22.00/ |
| 56 | Average Transmission Level Service | 591,243 | \$0.02059 | \$12,175 | 478,932 | \$0.02859 | \$13,692 | \$1,516 | \$0.00800 | 38.8% |

See footnotes, Table 1.

Verify TLS Revenue:

| | , | | | | | | | | | |
|---|------------|---------|-----------|----------|---------|-----------|----------|-------|-----------|-----|
| _ | NCCI-T | 17,168 | \$0.02443 | \$419 | 17,569 | \$0.03239 | \$569 | 150 | \$0.00796 | \$0 |
| | EG-T | 574,075 | \$0.02048 | \$11,756 | 461,363 | \$0.02844 | \$13,123 | 1,367 | \$0.00797 | \$0 |
| _ | | 591,243 | \$0.02059 | \$12,175 | 478,932 | \$0.02859 | \$13,692 | 1,516 | \$0.00800 | \$0 |
| _ | difference | 0 | \$0.00000 | \$0 | 0 | \$0.00000 | \$0 | 0 | \$0.00000 | |

Revenue Check of Base Margin, Revenue Requirement and Rates 2020 TCAP Application

| Base Margin in Transprtation rates | | \$000's | | | |
|--|---------|------------|-------------------------|-----------|-----|
| Authorized Base Margin | | \$304,021 | | | |
| | | | | | |
| 2017 attrition w/ffu | | \$10,635 | | | |
| 2018 attrition w/ffu | | \$11,007 | | | |
| Rounding Adjustment | | \$0 | | | |
| AMI Adjustment | | \$0 | | | |
| Cost of Capital Adjustment | | (\$2,070) | | | |
| Full Authorized Margin | | \$323,593 | _ | | |
| Less AB32 fees different allocation: | | | | | |
| AB32 Fees (\$560) | 102.29% | (\$573) | Cost Alloc | | |
| Base Margin in Transportation Rates w/oSI; w/FFU \$000 | | \$323,020 | Cost Alloc = | \$323,020 | \$0 |
| Base Margin in 2007 Rates under 2009BCAP rules w/FFU | | \$323,020 | | | |
| Reconcile Base Margin with Revenue Requirement | | ¢333 030 | | | |
| System Integration: | | , , , , , | | | |
| Less Backbone Transmission Costs | | (\$40,564) | Cost Alloc | | |
| Less Local Transmission Costs | | \$0 | Cost Alloc | | |
| Plus Backbone Transmission Costs w/SI | | \$0 | | | |
| Plus Local Transmission Costs w/SI | | \$8,230 | Cost Alloc | | |
| Plus Unbundled BBT amount w/FFU | | \$25,722 | | | |
| System Integration | | (\$6,612) | | | |
| less Unbundled BBT amount w/FFU | | (\$25,722) | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | \$290,686 | _ | | |
| Other Operating Costs and Revenues | | \$27,612 | Cost Alloc | | |
| Regulatory Accounts adjustment \$000 | | \$61,061 | Cost Alloc | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | \$379,359 | cost allocation total = | \$379,359 | \$0 |
| plus change due to TLS (NCCI/EG/SW/DGN) | | (\$719) | | | |
| plus SW Adjustments | | \$1,288 | <u></u> | | |
| Final Revenue Requirement in Rate Tables w/oFAR Revenue | | \$379,928 | Rate Table Total = | \$379,928 | \$0 |

| | A (w/o FAR, | | C=A+B (w/o | | E=C+D (w/o | | |
|---|-------------|----------|------------|----------|------------|-------|-------------|
| | RG,SW) | B=SW Adj | FAR, RG) | D=RegGap | BTS) | F=FAR | Total G=E+F |
| Core | \$356,543 | \$294 | \$356,836 | | \$356,836 | | \$356,836 |
| NCCI-D | \$2,901 | | \$2,901 | | \$2,901 | | \$2,901 |
| NCCI-T | \$489 | | \$489 | \$66 | \$554 | | \$554 |
| | \$3,390 | \$0 | \$3,390 | \$66 | \$3,455 | | \$3,455 |
| EG-D | \$5,505 | \$994 | \$6,499 | | \$6,499 | | \$6,499 |
| EG-T | \$13,922 | | \$13,922 | (\$784) | \$13,137 | | \$13,137 |
| | \$19,426 | \$994 | \$20,420 | (\$784) | \$19,636 | | \$19,636 |
| Transport Rev Req \$000/yr | \$379,359 | \$1,288 | \$380,646 | (\$719) | \$379,928 | \$0 | \$379,928 |
| Table 1 Total Revenue (Incl SI, FAR, TLS, SW Adj) | \$379,359 | | | | \$379,928 | | \$379,928 |
| | \$0 | | | • | \$0 | | \$0 |

A = Transport Rev Req w/ FFU, SI; w/o FAR revenue, Reg GAP, SW

B = Sempra Wide Adjustments

C = Transport Rev Req w/ FFU, SI, SW; w/o FAR revenue, Reg GAP

D = Regulatory Gap (revenue from SDGE's NCCI-T and EG-T customers)

E = Transport Rev Req w/ FFU, SI, SW, Reg Gap; w/o FAR revenue

F = Estimated FAR Charge paid by ALL SDGE's customers

G = Total System Transportatioon Revenue per Table 1 includes SI, Reg Gap, SW, FAR revenue

| Summary of | Rate tal | bles 2 thru 5 | |
|------------|----------|---------------|--|
| | | | |

| Table 2 - Core Res & Core C&I: | | | | |
|--|-----------|-------------------|-----------|--------|
| Residential Service \$000 | \$290,025 | | | |
| Core C&I Service \$000 | \$63,002 | | | |
| Table 3 - other Core service: | | | | |
| NGV \$000 | \$3,809 | | | |
| CORE | \$356,836 | | | |
| Table 4 - NonCore Distribution Level: | | | | |
| C&I \$000 | \$2,901 | | | |
| Sw-EG \$000 | \$6,499 | | | |
| NonCore Distribution | \$9,400 | | | |
| Table 5 - Local Transmission Level | \$13,692 | | | |
| System Total Rev Req w/SW adjustments \$000 | \$379,928 | Rev Req w/o FAR = | \$379,928 | \$0.00 |
| Est FAR Revenues to SDGE - \$000 | \$0 | | | |
| System Total Rev Req w/ SW adjustments \$000 | \$379,928 | Rev Reg w/FAR = | \$379,928 | \$0.00 |

| MARGINAL COST COMPONENTS \$000's | | | | Res | NGV | Core C&I | Total Core |
|---|---------------|--------------------|------------------------------------|-------------------------|---------|-------------------------|-------------------|
| Embedded Costs: | | | | | | | |
| Customer Related Costs | | | | \$163,561 | \$24 | \$10,782 | \$174,366 |
| Medium Pressure Distribution Costs | | | | \$61,989 | \$842 | \$23,115 | \$85,945 |
| High Pressure Distribution Costs | | | | \$12,304 | \$264 | \$4,662 | \$17,230 |
| Backbone Transmission Costs | | | | \$12,135 | \$853 | \$7,182 | \$20,169 |
| Local Transmission Costs | | | | \$0 | \$0 | \$0 | \$0 |
| Storage - Borrego | | | | \$0 | \$0 | \$0 | \$0 |
| Core Seasonal Storage | | | | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | | | | \$0 | \$0 | \$0 | \$0 |
| NGV | | | | \$0 | \$647 | \$0 | \$647 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | • | \$249,988 | \$2,630 | \$45,739 | \$298,357 |
| Less Backbone Transmission Costs | | | | (\$12,135) | (\$853) | (\$7,182) | (\$20,169) |
| Less Local Transmission Costs | | | | \$0 | \$0 | \$0 | \$0 |
| Plus Local Transmission Costs w/SI,FFU | | | | \$3,418 | \$133 | \$1,589 | \$5,141 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | \$241,272 | \$1,911 | \$40,147 | \$283,329 |
| | | | | 77% | | | |
| | Non- ECPT? | Add FFU Y or N? | Amount to Allocate (w/o F&U) | | | | |
| SCG Transport excl Core Storge & Load Balance \$000 | | Y | \$4,586 | \$1,325 | \$102 | \$824 | \$2,250 |
| SCG Core Seasonal Storage | | Y | \$11,522 | \$8,916 | \$100 | \$2,771 | \$11,786 |
| SCG Load Balancing Allocated to ALL SDGE \$000 | | Y | \$8,447 | \$2,440 | \$188 | \$1,517 | \$4,145 |
| n/a | | | 4-5 , 1 11 | - -, · · · · | ***** | 4 1, 5 11 | 4 1,1 1 2 |
| LUAF | | Υ | \$1,748 | \$808 | \$62 | \$502 | \$1,372 |
| Company Use Gas: Other | | Y | \$129 | \$37 | \$3 | \$23 | \$63 |
| AMI rev req incl FF&U AL 1693-G | Υ | Y | \$0 | \$0 | \$0 | \$0 | \$0 |
| AB32 Fees (subtracted from base margin and allocated here) | | Y | \$560 | \$261 | \$20 | \$162 | \$443 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue Re | equireme | Y | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | | Y | \$0 | \$0 | \$0 | \$0 | \$0 |
| Oreen ribuse das balancing Account (OriobA) - End Oser Nevende Neddirenient | | | | | | | |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | | Ϋ́ | \$0 | \$0 | \$0 | \$0 | \$0 |

2020 TCAP Application

MARGINAL COST COMPONENTS \$000's

| Embedded Costs: | | | | | | | | |
|--|--|--|--|--|---|---|--|--|
| Customer Related Costs | \$104 | \$121 | \$30 | \$151 | \$255 | \$174,622 | | |
| Medium Pressure Distribution Costs | \$1,250 | \$1,200 | \$454 | \$1,654 | \$2,904 | \$88,849 | | |
| High Pressure Distribution Costs | \$333 | \$277 | \$498 | \$775 | \$1,108 | \$18,338 | | |
| Backbone Transmission Costs | \$1,659 | \$1,051 | \$17,686 | \$18,736 | \$20,395 | \$40,564 | | |
| Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Storage - Borrego | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Storage - Load Balancing | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| NGV | \$0 | \$0 | \$0 | \$0 | \$0 | \$647 | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$3,346 | \$2,649 | \$18,668 | \$21,317 | \$24,663 | \$323,020 | <u> </u> | |
| Less Backbone Transmission Costs | (\$1,659) | (\$1,051) | (\$17,686) | (\$18,736) | (\$20,395) | (\$40,564) | | |
| Less Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Plus Local Transmission Costs w/SI,FFU | \$269 | \$153 | \$2,668 | \$2,821 | \$3,090 | \$8,230 | | |
| | | | | | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$1,956 | \$1,751 | \$3,651 | \$5,401 | \$7,357 | \$290,686 | _ = | |
| | \$1,956 | \$1,751 | \$3,651 | \$5,401 | \$7,357 | \$290,686 | F&U Amount | Total Allocated |
| Other Operating Costs and Revenues | | | | | | | \$000 | \$000 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 | \$199 | \$126 | \$2,116 | \$2,242 | \$2,441 | \$4,691 | \$000 \$105 | \$000 \$4,586 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage | \$199 \$0 | \$126 \$0 | \$2,116 \$0 | \$2,242 \$0 | \$2,441 \$0 | \$4,691 \$11,786 | \$000 \$105 \$264 | \$000 \$4,586 \$11,522 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 | \$199 | \$126 | \$2,116 | \$2,242 | \$2,441 | \$4,691 | \$000 \$105 | \$000 \$4,586 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a | \$199 \$0 \$366 | \$126 \$0 \$232 | \$2,116 \$0 \$3,899 | \$2,242 \$0 \$4,130 | \$2,441 \$0 \$4,496 | \$4,691 \$11,786 \$8,641 | \$000 \$105 \$264 \$194 | \$000 \$4,586 \$11,522 \$8,447 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF | \$199 \$0 \$366 | \$126 \$0 \$232 \$21 | \$2,116 \$0 \$3,899 \$361 | \$2,242 \$0 \$4,130 \$383 | \$2,441 \$0 \$4,496 \$417 | \$4,691 \$11,786 \$8,641 \$1,788 | \$000 \$105 \$264 \$194 | \$000 \$4,586 \$11,522 \$8,447 \$1,748 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other | \$199 \$0 \$366 \$34 \$6 | \$126 \$0 \$232 \$21 \$4 | \$2,116 \$0 \$3,899 \$361 \$60 | \$2,242 \$0 \$4,130 \$383 \$63 | \$2,441 \$0 \$4,496 \$417 \$69 | \$4,691 \$11,786 \$8,641 \$1,788 \$132 | \$000 \$105 \$264 \$194 \$40 \$3 | \$000 \$4,586 \$11,522 \$8,447 \$1,748 \$129 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G | \$199 \$0 \$366 \$34 \$6 \$0 | \$126 \$0 \$232 \$21 \$4 \$0 | \$2,116 \$0 \$3,899 \$361 \$60 \$0 | \$2,242 \$0 \$4,130 \$383 \$63 \$0 | \$2,441 \$0 \$4,496 \$417 \$69 \$0 | \$4,691 \$11,786 \$8,641 \$1,788 \$132 \$0 | \$000 \$105 \$264 \$194 \$40 \$3 \$0 | \$000 \$4,586 \$11,522 \$8,447 \$1,748 \$129 \$0 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G AB32 Fees (subtracted from base margin and allocated here) | \$199 \$0 \$366 \$34 \$6 \$0 \$39 | \$126 \$0 \$232 \$21 \$4 \$0 \$24 | \$2,116 \$0 \$3,899 \$361 \$60 \$0 \$66 | \$2,242 \$0 \$4,130 \$383 \$63 \$0 \$90 | \$2,441 \$0 \$4,496 \$417 \$69 \$0 \$129 | \$4,691 \$11,786 \$8,641 \$1,788 \$132 \$0 \$573 | \$000 \$105 \$264 \$194 \$40 \$3 \$0 \$13 | \$000 \$4,586 \$11,522 \$8,447 \$1,748 \$129 \$0 \$560 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G AB32 Fees (subtracted from base margin and allocated here) Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue | \$199 \$0 \$366 \$34 \$6 \$0 \$39 \$0 | \$126 \$0 \$232 \$21 \$4 \$0 \$24 \$0 | \$2,116 \$0 \$3,899 \$361 \$60 \$0 \$66 \$0 | \$2,242 \$0 \$4,130 \$383 \$63 \$0 \$90 \$0 | \$2,441 \$0 \$4,496 \$417 \$69 \$0 \$129 \$0 | \$4,691 \$11,786 \$8,641 \$1,788 \$132 \$0 \$573 \$0 | \$000 \$105 \$264 \$194 \$40 \$3 \$0 \$13 | \$000 \$4,586 \$11,522 \$8,447 \$1,748 \$129 \$0 \$560 \$0 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G AB32 Fees (subtracted from base margin and allocated here) | \$199 \$0 \$366 \$34 \$6 \$0 \$39 | \$126 \$0 \$232 \$21 \$4 \$0 \$24 | \$2,116 \$0 \$3,899 \$361 \$60 \$0 \$66 | \$2,242 \$0 \$4,130 \$383 \$63 \$0 \$90 | \$2,441 \$0 \$4,496 \$417 \$69 \$0 \$129 | \$4,691 \$11,786 \$8,641 \$1,788 \$132 \$0 \$573 | \$000 \$105 \$264 \$194 \$40 \$3 \$0 \$13 | \$000 \$4,586 \$11,522 \$8,447 \$1,748 \$129 \$0 \$560 |

EG Tier 1

EG Tier 2

Total EG

Total NonCore

System Total

NCCI

SDG&E Cost Allocation Allocation Allocation %

2020 TCAP Application

| MARGINAL COST COMPONENTS \$000's | Source | Allocation | Total System | Res | NGV | Core C&I | Total Core | NCCI | EG <3 mmth/yr |
|--|---------------|------------|-----------------|------|------|-------------|---------------|-------|--|
| Embedded Costs: | Cource | Allocation | Cystein | 1103 | 1101 | | 0010 | 11001 | ······································ |
| Customer Related Costs | EC Model | 0 | | | | | | | |
| Medium Pressure Distribution Costs | EC Model | 0 | | | | | | | |
| High Pressure Distribution Costs | EC Model | 0 | | | | | | | |
| Backbone Transmission Costs | EC Model | 0 | | | | | | | |
| Local Transmission Costs | EC Model | 0 | | | | | | | |
| Storage - Borrego | EC Model | 0 | | | | | | | |
| Core Seasonal Storage | EC Model | 0 | | | | | | | |
| Storage - Load Balancing | EC Model | 0 | | | | | | | |
| NGV | EC Model | 0 | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | | | | | |
| Less Backbone Transmission Costs | | | | | | | | | |
| Less Local Transmission Costs | | | | | | | | | |
| Plus Local Transmission Costs w/SI,FFU | SCG/ SI & FAR | | | | | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | <u> </u> | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Other Operating Costs and Revenues

| SCG Transport excl Core Storge & Load Balance \$000 | SCG RD Model/RUN | ECPT | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
|---|------------------------|------------------------------------|--------|-------|------|-------|--------|------|------|
| SCG Core Seasonal Storage | SCG RD Model/RUN | % CYPD MP Res & CCI | 100.0% | 75.6% | 0.8% | 23.5% | 100.0% | 0.0% | 0.0% |
| SCG Load Balancing Allocated to ALL SDGE \$000 | SCG RD Model/RUN | ECPT | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
| n/a | | | | | | | | | |
| LUAF | Misc Inputs | Method #3 -76.7% core @ ECPT / 23. | 100.0% | 45.2% | 3.5% | 28.1% | 76.7% | 1.9% | 1.2% |
| Company Use Gas: Other | Misc Inputs | ECPT | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
| AMI rev req incl FF&U AL 1693-G | Misc Inputs, AL 1693-G | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| AB32 Fees (subtracted from base margin and allocated here) | | ECPT AB32 Fee Non-Exempt | 100.0% | 45.6% | 3.5% | 28.3% | 77.4% | 6.8% | 4.3% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenu | ie Misc Inputs | ECPT | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | Misc Inputs | ECPT GHG Fee Non-Exempt | 100.0% | 52.8% | 4.1% | 32.8% | 89.6% | 4.8% | 4.8% |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | Misc Inputs | Method #3 -76.7% core @ ECPT / 23. | 100.0% | 45.2% | 3.5% | 28.1% | 76.7% | 1.9% | 1.2% |

Subtotal Other Operating Costs and Revenues

SDG&E Cost Allocation NCCI Allocation

| MARGINAL COST COMPONENTS \$000's | EG>=3 mmth/yr | Total EG | Total NonCore | NCCI Total | NCCI-D | NCCI-T | NCCI Total | Allocation Method | Total % |
|--|------------------|----------|------------------|------------|-----------|---------|------------|-------------------|---------|
| Embedded Costs: | | | - | | | | | | |
| Customer Related Costs | | | | \$104 | \$87 | \$18 | \$104 | | |
| Medium Pressure Distribution Costs | | | | \$1,250 | \$1,250 | \$0 | \$1,250 | | |
| High Pressure Distribution Costs | | | | \$333 | \$333 | \$0 | \$333 | | |
| Backbone Transmission Costs | | | | \$1,659 | \$1,038 | \$621 | \$1,659 | | |
| Local Transmission Costs | | | | \$0 | \$0 | \$0 | \$0 | | |
| Storage - Borrego | | | | \$0 | \$0 | \$0 | \$0 | | |
| Core Seasonal Storage | | | | \$0 | \$0 | \$0 | \$0 | | |
| Storage - Load Balancing | | | | \$0 | \$0 | \$0 | \$0 | | |
| NGV | | | | \$0 | \$0 | \$0 | \$0 | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | \$3,346 | \$2,707 | \$639 | \$3,346 | _ | |
| Less Backbone Transmission Costs | | | | (\$1,659) | (\$1,038) | (\$621) | (\$1,659) | | |
| Less Local Transmission Costs | | | | \$0 | \$0 | \$0 | \$0 | | |
| Plus Local Transmission Costs w/SI,FFU | | | | \$269 | \$168 | \$101 | \$269 | %CYPM | 100.0% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | \$1,956 | \$1,838 | \$118 | \$1,956 | : | |
| Other Operating Costs and Revenues | | | | | | | | | |
| SCG Transport excl Core Storge & Load Balance \$000 | 45.1% | 0.0% | 52.0% | \$199 | \$124 | \$74 | \$199 | %AYTP | 100.0% |
| SCG Core Seasonal Storage | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| SCG Load Balancing Allocated to ALL SDGE \$000 | 45.1% | 0.0% | 52.0% | \$366 | \$229 | \$137 | \$366 | %CYPM | 100.0% |
| n/a | | | | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| LUAF | 20.2% | 21.4% | 23.3% | \$34 | \$21 | \$13 | \$34 | %AYTP | 100.0% |
| Company Use Gas: Other | 45.1% | 0.0% | 52.0% | \$6 | \$3 | \$2 | \$6 | %AYTP | 100.0% |
| AMI rev req incl FF&U AL 1693-G | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| AB32 Fees (subtracted from base margin and allocated here) | 11.5% | 15.8% | 22.6% | \$39 | \$24 | \$15 | \$39 | %AYTP | 100.0% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue | 45.1% | 0.0% | 52.0% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | 0.8% | 5.6% | 10.4% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | 20.2% | 21.4% | 23.3% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| Subtotal Other Operating Costs and Revenues | | | | \$643 | \$402 | \$241 | \$643 | | |

SDG&E Cost Allocation EG Allocation

| MARGINAL COST COMPONENTS \$000's | NCCI-D | NCCI-T | EG Tier 1 | EG Tier 2 | EG Total | EG-D Tier 1 | EG-D Tier 2 | EG-T | EG Total |
|--|---------|--------|---------------------|-------------|------------|---------------|---------------------|-------------|-------------|
| Embedded Costs: | | | | | | | | | |
| Customer Related Costs | | | \$121 | \$30 | \$151 | \$116 | \$10 | \$25 | \$151 |
| Medium Pressure Distribution Costs | | | \$1,200 | \$454 | \$1,654 | \$1,200 | \$454 | \$0 | \$1,654 |
| High Pressure Distribution Costs | | | \$277 | \$498 | \$775 | \$277 | \$498 | \$0 | \$775 |
| Backbone Transmission Costs | | | \$1,051 | \$17,686 | \$18,736 | \$871 | \$1,562 | \$16,303 | \$18,736 |
| Local Transmission Costs | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Borrego | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Seasonal Storage | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NGV | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | \$2,649 | \$18,668 | \$21,317 | \$2,464 | \$2,525 | \$16,328 | \$21,317 |
| Less Backbone Transmission Costs | | | (\$1,051) | (\$17,686) | (\$18,736) | (\$871) | (\$1,562) | (\$16,303) | (\$18,736) |
| Less Local Transmission Costs | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Plus Local Transmission Costs w/SI,FFU | 62.6% | 37.4% | \$153 | \$2,668 | \$2,821 | \$140 | \$252 | \$2,429 | \$2,821 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | \$1,751 | \$3,651 | \$5,401 | \$1,733 | \$1,214 | \$2,454 | \$5,401 |
| Other Operating Costs and Revenues | | | | | | | | | |
| SCG Transport excl Core Storge & Load Balance \$000 | 62.6% | 37.4% | \$126 | \$2,116 | \$2,242 | \$104 | \$187 | \$1,951 | \$2,242 |
| SCG Core Seasonal Storage | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SCG Load Balancing Allocated to ALL SDGE \$000 | 62.6% | 37.4% | \$232 | \$3,899 | \$4,130 | \$205 | \$369 | \$3,557 | \$4,130 |
| n/a | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| LUAF | 62.6% | 37.4% | \$21 | \$361 | \$383 | \$18 | \$32 | \$333 | \$383 |
| Company Use Gas: Other | 62.6% | 37.4% | \$4 | \$60 | \$63 | \$3 | \$5 | \$55 | \$63 |
| AMI rev reg incl FF&U AL 1693-G | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AB32 Fees (subtracted from base margin and allocated here) | 62.6% | 37.4% | \$24 | \$66 | \$90 | \$20 | \$37 | \$33 | \$90 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue | 62.6% | 37.4% | \$2 4 \$0 | \$00 \$0 | \$0 \$0 | \$20 \$0 | \$3 <i>7</i> \$0 | \$33 \$0 | \$90 \$0 |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | 97.0% | 3.0% | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | 62.6% | 37.4% | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| Subtotal Other Operating Costs and Revenues | JZ.U /0 | 51.70 | \$407 | \$6,502 | \$6,909 | \$35 0 | \$629 | \$5,929 | \$6,909 |

| MARCINAL COST COMPONENTS \$000/o | Allocation Method | Total % | EG-D Tier | EG-D Tier | EG-T |
|---|--------------------------|----------|-----------|-----------|-------|
| MARGINAL COST COMPONENTS \$000's Embedded Costs: | Allocation Method | TOTAL 76 | <u>'</u> | | EG-1 |
| Customer Related Costs | | | | | |
| Medium Pressure Distribution Costs | | | | | |
| High Pressure Distribution Costs | | | | | |
| Backbone Transmission Costs | | | | | |
| Local Transmission Costs | | | | | |
| Storage - Borrego | | | | | |
| Core Seasonal Storage | | | | | |
| Storage - Load Balancing | | | | | |
| NGV | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | |
| Less Backbone Transmission Costs | | | | | |
| Less Local Transmission Costs | | | | | |
| Plus Local Transmission Costs w/SI,FFU | %CYPM | 100.0% | 5.0% | 8.9% | 86.1% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | = | | | | |
| Other Operating Costs and Revenues | | | | | |
| SCG Transport excl Core Storge & Load Balance \$000 | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| SCG Core Seasonal Storage | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| SCG Load Balancing Allocated to ALL SDGE \$000 | %CYPM | 100.0% | 5.0% | 8.9% | 86.1% |
| n/a | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| LUAF | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| Company Use Gas: Other | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| AMI rev req incl FF&U AL 1693-G | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| AB32 Fees (subtracted from base margin and allocated here) | ECPT excluding exempt EG | 100.0% | 22.7% | 40.8% | 36.5% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenu | ie %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | ECPT excluding exempt EG | 100.0% | 71.1% | 14.1% | 14.7% |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |

| MARGINAL COST COMPONENTS \$000's | | | | Res | NGV | Core C&I | Total Core |
|---|---------------|---------------|---------------------|----------|-------|----------|------------|
| Regulatory Accounts | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | Y | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | Y | Υ | \$568 | \$482 | \$4 | \$80 | \$566 |
| Baseline Balance BA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Margin Only (non-NGV) | | Υ | \$25,990 | \$16,393 | \$0 | \$10,194 | \$26,587 |
| CFCA -NGV only | | Υ | \$666 | \$0 | \$681 | \$0 | \$681 |
| CFCA -Nonmargin Other | | Υ | \$566 | \$341 | \$26 | \$212 | \$579 |
| CFCA -Nonmargin SCG | | Υ | \$29 | \$17 | \$1 | \$11 | \$29 |
| Environmental Fee Balance Account EFBA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | Y | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | | Υ | \$830 | \$352 | \$14 | \$164 | \$530 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds MA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Gas Storage Balancing Acct. GSBA-C | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cleanup Cost Acct HSCCA | | Υ | \$509 | \$147 | \$11 | \$91 | \$250 |
| Master Meter Balancing Account (MMBA) | Υ | Υ | \$987 | \$838 | \$7 | \$139 | \$984 |
| Natural Gas Supp Refund Track Acct | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Margin Only | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Nonmargin Other | | Υ | \$268 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Nonmargin SCG | | Υ | \$2,604 | \$0 | \$0 | \$0 | \$0 |
| NGVA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Non-Core Gas Storage Balancing Acct GSBA-NC | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| РВОРВА | Υ | Υ | (\$519) | (\$441) | (\$3) | (\$73) | (\$517) |
| Pension BA | Υ | Υ | \$4,070 | \$3,456 | \$27 | \$575 | \$4,058 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | | Υ | \$219 | \$93 | \$4 | \$43 | \$140 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | | Υ | \$1,616 | \$686 | \$27 | \$319 | \$1,032 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | | Υ | \$14,531 | \$9,973 | \$214 | \$3,778 | \$13,966 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | | Υ | \$504 | \$214 | \$8 | \$100 | \$322 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | | Υ | \$1,672 | \$1,148 | \$25 | \$435 | \$1,607 |
| RD&D 1-Way Bal Acct (Pre-2001) | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Bal Acct RPBA | Y | Υ | \$396 | \$337 | \$3 | \$56 | \$395 |
| Self Gen Memo Acct - SGPMA-CSI | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Self Gen Memo Acct - SGPMA-NonCSI | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| SGPMA - Rev Reg for NEXT Year | Υ | Υ | \$2,265 | \$10 | \$0 | \$276 | \$286 |
| Gain/Loss on Sale Memo Acct GLOSMA | Ϋ́ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Integrated Transmission Margin ITBA | | Υ | \$319 | \$98 | \$7 | \$58 | \$162 |
| Integrated Transmission Nonmargin ITBA | | Ϋ́ | \$0 | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | Y dhun/ SF | N NGE Work | \$0 papers - Pag | \$0 | \$0 | \$0 | \$0 |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | | |
|--|-------------------|---------------------|--------------|----------------|---------------|--------------|------------------|----------|
| Regulatory Accounts | | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | \$4 | \$3 | \$7 | \$11 | \$15 | \$581 | \$13 | \$568 |
| Baseline Balance BA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Margin Only (non-NGV) | \$0 | \$0 | \$0 | \$0 | \$0 | \$26,587 | \$596 | \$25,990 |
| CFCA -NGV only | \$0 | \$0 | \$0 | \$0 | \$0 | \$681 | \$15 | \$666 |
| CFCA -Nonmargin Other | \$0 | \$0 | \$0 | \$0 | \$0 | \$579 | \$13 | \$566 |
| CFCA -Nonmargin SCG | \$0 | \$0 | \$0 | \$0 | \$0 | \$29 | \$1 | \$29 |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | \$28 | \$16 | \$275 | \$291 | \$319 | \$849 | \$19 | \$830 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds MA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Gas Storage Balancing Acct. GSBA-C | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cleanup Cost Acct HSCCA | \$22 | \$14 | \$235 | \$249 | \$271 | \$520 | \$12 | \$509 |
| Master Meter Balancing Account (MMBA) | \$7 | \$6 | \$13 | \$19 | \$26 | \$1,010 | \$23 | \$987 |
| Natural Gas Supp Refund Track Acct | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Margin Only | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Nonmargin Other | \$22 | \$14 | \$238 | \$252 | \$275 | \$275 | \$6 | \$268 |
| NFCA -Nonmargin SCG | \$217 | \$137 | \$2,310 | \$2,447 | \$2,664 | \$2,664 | \$60 | \$2,604 |
| NGVA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Non-Core Gas Storage Balancing Acct GSBA-NC | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| PBOPBA | (\$4) | (\$3) | (\$7) | (\$10) | (\$13) | (\$531) | (\$12) | (\$519) |
| Pension BA | \$28 | \$25 | \$52 | \$77 | \$105 | \$4,163 | \$93 | \$4,070 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | \$7 | \$4 | \$73 | \$77 | \$84 | \$224 | \$5 | \$219 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$54 | \$31 | \$536 | \$566 | \$620 | \$1,653 | \$37 | \$1,616 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$270 | \$224 | \$404 | \$628 | \$898 | \$14,864 | \$333 | \$14,531 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$17 | \$10 | \$167 | \$177 | \$194 | \$516 | \$12 | \$504 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$31 | \$26 | \$46 | \$72 | \$103 | \$1,711 | \$38 | \$1,672 |
| RD&D 1-Way Bal Acct (Pre-2001) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Bal Acct RPBA | \$3 | \$2 | \$5 | \$8 | \$10 | \$406 | \$9 | \$396 |
| Self Gen Memo Acct - SGPMA-CSI | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Self Gen Memo Acct - SGPMA-NonCSI | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SGPMA - Rev Req for NEXT Year | \$0 | \$114 | \$1,917 | \$2,031 | \$2,031 | \$2,317 | \$52 | \$2,265 |
| Gain/Loss on Sale Memo Acct GLOSMA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Integrated Transmission Margin ITBA | \$13 | \$8 | \$142 | \$151 | \$164 | \$326 | \$7 | \$319 |
| Integrated Transmission Nonmargin ITBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) File = 2020 TCAP SDGE RD Model Chau | \$0 dhury SDGE | \$0 E Workpapers | - Page 20 of | ^{\$0} | \$0 | \$0 | Tab = Cost Alloc | \$0 |

| MARGINAL COST COMPONENTS \$000's | Source | Allocation | Total System | Res | NGV | Core C&I | Total Core | NCCI | EG <3 mmth/yr |
|---|--|------------------------------------|------------------|----------------|--------------|----------------|----------------|--------------|------------------|
| Regulatory Accounts | | | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| On-Bill Financing Balancing Account (OBFBA) | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| Baseline Balance BA | Reg. Acct Filing 10/2017 | | 100.0% | 100.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% |
| CFCA -Margin Only (non-NGV) | Reg. Acct Filing 10/2017 | ECPT-Core (non NGV) | 100.0% | 61.7% | 0.0% | 38.3% | 100.0% | 0.0% | 0.0% |
| CFCA -NGV only | Reg. Acct Filing 10/2017 | , | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| CFCA -Nonmargin Other | Reg. Acct Filing 10/2017 | ECPT-Core | 100.0% | 58.9% | 4.5% | 36.6% | 100.0% | 0.0% | 0.0% |
| CFCA -Nonmargin SCG | Reg. Acct Filing 10/2017 | | 100.0% | 58.9% | 4.5% | 36.6% | 100.0% | 0.0% | 0.0% |
| Environmental Fee Balance Account EFBA | Reg. Acct Filing 10/2017 | ECPT AB32 Fee Non-Exempt | 100.0% | 45.6% | 3.5% | 28.3% | 77.4% | 6.8% | 4.3% |
| Disconnect Memorandum Account (DMA) | Reg. Acct Filing 10/2017 | 100% Res | 100.0% | 100.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | Reg. Acct Filing 10/2017 | | 100.0% | 41.5% | 1.6% | 19.3% | 62.5% | 3.3% | 1.9% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | Reg. Acct Filing 10/2017 | ECPT | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
| Green House Gas Balancing Account (GHGBA) - End User | Reg. Acct Filing 10/2017 | ECPT GHG Fee Non-Exempt | 100.0% | 52.8% | 4.1% | 32.8% | 89.6% | 4.8% | 4.8% |
| Green House Gas Balancing Account (GHGBA) - LUAF | Reg. Acct Filing 10/2017 | Method #3 -76.7% core @ ECPT / 23. | | 45.2% | 3.5% | 28.1% | 76.7% | 1.9% | 1.2% |
| FERC Settlement Proceeds MA | Reg. Acct Filing 10/2017 | CAT allocation | 100.0% | 3.8% | 28.3% | 67.8% | 100.0% | 0.0% | 0.0% |
| Core Gas Storage Balancing Acct. GSBA-C | Reg. Acct Filing 10/2017 | ECPT-Core | 100.0% | 58.9% | 4.5% | 36.6% | 100.0% | 0.0% | 0.0% |
| Hazardous Substance Cleanup Cost Acct HSCCA | Reg. Acct Filing 10/2017 | | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
| Master Meter Balancing Account (MMBA) | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| Natural Gas Supp Refund Track Acct | Reg. Acct Filing 10/2017 | ECPT | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | | ECPT AB32 Fee Non-Exempt | 100.0% | 45.6% | 3.5% | 28.3% | 77.4% | 6.8% | 4.3% |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| NFCA -Margin Only | Reg. Acct Filing 10/2017 | EPAM Noncore Only | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 26.6% | 23.8% |
| NFCA -Nonmargin Other | Reg. Acct Filing 10/2017 | ECPT-Noncore | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 8.1% | 5.2% |
| NFCA -Nonmargin SCG | Reg. Acct Filing 10/2017 | ECPT-Noncore | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 8.1% | 5.2% |
| NGVA | Reg. Acct Filing 10/2017 | ECPT | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
| Non-Core Gas Storage Balancing Acct GSBA-NC | Reg. Acct Filing 10/2017 | ECPT-Noncore | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 8.1% | 5.2% |
| PBOPBA | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.0% | 13.8% | 97.5% | 0.7% | 0.6% |
| Pension BA | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | Reg. Acct Filing 10/2017 | CYPM | 100.0% | 41.5% | 1.6% | 19.3% | 62.5% | 3.3% | 1.9% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | Reg. Acct Filing 10/2017 | % HPD Peak Day | 100.0% | 67.1% | 1.4% | 25.4% | 94.0% | 1.8% | 1.5% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | Reg. Acct Filing 10/2017 | • | 100.0% | 41.5% | 1.6% | 19.3% | 62.5% | 3.3% | 1.9% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | Reg. Acct Filing 10/2017 | % HPD Peak Day | 100.0% | 67.1% | 1.4% | 25.4% | 94.0% | 1.8% | 1.5% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | Reg. Acct Filing 10/2017 | CYPM | 100.0% | 41.5% | 1.6% | 19.3% | 62.5% | 3.3% | 1.9% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | Reg. Acct Filing 10/2017 | % HPD Peak Day | 100.0% | 67.1% | 1.4% | 25.4% | 94.0% | 1.8% | 1.5% |
| RD&D 1-Way Bal Acct (Pre-2001) | Reg. Acct Filing 10/2017 | ECPT | 100.0% | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% |
| Rewards & Penalties Bal Acct RPBA | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| Self Gen Memo Acct - SGPMA-CSI | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| Self Gen Memo Acct - SGPMA-NonCSI | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| SGPMA - Rev Reg for NEXT Year | | | 100.0% | 0.4% | 0.7% | 11.9% | 12.3% | 0.7% | 4.9% |
| Gain/Loss on Sale Memo Acct GLOSMA | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 0.4% 83.0% | 0.0% | 13.8% | 97.5% | 0.0% | 4.9% 0.6% |
| | Reg. Acct Filing 10/2017 | | | | | | | | |
| Integrated Transmission Margin ITBA Integrated Transmission Nonmargin ITBA | Reg. Acct Filing 10/2017 | | 100.0% 100.0% | 29.9% 29.9% | 2.1% 2.1% | 17.7% 17.7% | 49.7% 49.7% | 4.1% 4.1% | 2.6% 2.6% |
| S S | Reg. Acct Filing 10/2017 | | | | 2.1% 0.7% | | 49.7% 97.5% | 4.1% 0.7% | 2.6% 0.6% |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) File = 2020 TCAP SDGE RD Model Cha | Reg. Acct Filing 10/2017 udhury SDGE Workpa | apers - Page 21 of 118 | 100.0% | 83.0% | 0.7% | 13.8% | | = Cost A | |

| MARGINAL COST COMPONENTS \$000's | EG>=3 mmth/yr | Total EG | Total NonCore | NCCI Total | NCCI-D | NCCI-T | NCCI Tota | I Allocation Method | Total % |
|---|------------------|----------|------------------|----------------|--------|--------|----------------|---------------------|---------|
| Regulatory Accounts | | | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| On-Bill Financing Balancing Account (OBFBA) | 1.3% | 0.0% | 2.5% | \$4 | \$4 | \$0 | \$4 | %EPAM | 100.0% |
| Baseline Balance BA | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | 100% Res | 0.0% |
| CFCA -Margin Only (non-NGV) | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | ECPT-Core | 0.0% |
| CFCA -NGV only | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | ECPT-Core | 0.0% |
| CFCA -Nonmargin Other | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | ECPT-Core | 0.0% |
| CFCA -Nonmargin SCG | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | ECPT-Core | 0.0% |
| Environmental Fee Balance Account EFBA | 11.5% | 15.8% | 22.6% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| Disconnect Memorandum Account (DMA) | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | 100% Res | 0.0% |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | 32.4% | 0.0% | 37.5% | \$28 | \$17 | \$10 | \$28 | %CYPM | 100.0% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | 45.1% | 0.0% | 52.0% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| Green House Gas Balancing Account (GHGBA) - End User | 0.8% | 5.6% | 10.4% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| Green House Gas Balancing Account (GHGBA) - LUAF | 20.2% | 21.4% | 23.3% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| FERC Settlement Proceeds MA | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| Core Gas Storage Balancing Acct. GSBA-C | 0.0% | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | ECPT-Core | 0.0% |
| Hazardous Substance Cleanup Cost Acct HSCCA | 45.1% | 0.0% | 52.0% | \$22 | \$14 | \$8 | \$22 | %AYTP | 100.0% |
| Master Meter Balancing Account (MMBA) | 1.3% | 0.0% | 2.5% | \$7 | \$6 | \$0 | \$7 | %EPAM | 100.0% |
| Natural Gas Supp Refund Track Acct | 45.1% | 0.0% | 52.0% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | 11.5% | 15.8% | 22.6% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| NFCA -Margin Only | 49.6% | 73.4% | 100.0% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| NFCA -Nonmargin Other | 86.7% | 0.0% | 100.0% | \$22 | \$14 | \$8 | \$22 | %AYTP | 100.0% |
| NFCA -Nonmargin SCG | 86.7% | 0.0% | 100.0% | \$217 | \$136 | \$81 | \$217 | %AYTP | 100.0% |
| NGVA | 45.1% | 0.0% | 52.0% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| Non-Core Gas Storage Balancing Acct GSBA-NC | 86.7% | 0.0% | 100.0% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| PBOPBA | 1.3% | 0.0% | 2.5% | (\$4) | (\$3) | (\$0) | (\$4) | %EPAM | 100.0% |
| Pension BA | 1.3% | 0.0% | 2.5% | \$28 | \$26 | \$2 | \$28 | %EPAM | 100.0% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | 32.4% | 0.0% | 37.5% | \$7 | \$5 | \$3 | \$7 | %CYPM | 100.0% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | 2.7% | 4.2% | 6.0% | \$0 | \$0 | \$0 | \$0 | % HPD Peak Day | 100.0% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | 32.4% | 0.0% | 37.5% | \$54 | \$34 | \$20 | \$54 | %CYPM | 100.0% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | 2.7% | 4.2% | 6.0% | \$270 | \$270 | \$0 | \$270 | % HPD Peak Day | 100.0% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | 32.4% | 0.0% | 37.5% | \$17 | \$11 | \$6 | \$17 | %CYPM | 100.0% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | 2.7% | 4.2% | 6.0% | \$31 | \$31 | \$0 | \$31 | % HPD Peak Day | 100.0% |
| RD&D 1-Way Bal Acct (Pre-2001) | 45.1% | 0.0% | 52.0% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| Rewards & Penalties Bal Acct RPBA | 1.3% | 0.0% | 2.5% | \$3 | \$3 | \$0 | \$3 | %EPAM | 100.0% |
| Self Gen Memo Acct - SGPMA-CSI | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| Self Gen Memo Acct - SGPMA-NonCSI | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| SGPMA - Rev Reg for NEXT Year | 82.8% | 0.0% | 87.7% | \$0 | \$0 | \$0 | \$0 | %ECPT | 100.0% |
| Gain/Loss on Sale Memo Acct GLOSMA | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| Integrated Transmission Margin ITBA | 43.6% | 0.0% | 50.3% | \$13 | \$8 | \$5 | \$13 | %CYTP | 100.0% |
| Integrated Transmission Nonmargin ITBA | 43.6% | 0.0% | 50.3% | \$0 | \$0 | \$0 | \$0 | %CYTP | 100.0% |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| File = 2020 TCAP SDGE RD Model Cha | | | | Page 22 of 118 | | *- | - - | Tab = Cost Al | |

| MARGINAL COST COMPONENTS \$000's | NCCI-D | NCCI-T | EG Tier 1 | EG Tier 2 | EG Total | EG-D Tier 1 | EG-D Tier 2 | EG-T | EG Total |
|---|---------------------|--------------------|---------------------|------------|----------|-------------|-------------|--------------|-------------------|
| Regulatory Accounts | | | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | 93.9% | 6.1% | \$3 | \$7 | \$11 | \$3 | \$2 | \$5 | \$11 |
| Baseline Balance BA | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Margin Only (non-NGV) | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -NGV only | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Nonmargin Other | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Nonmargin SCG | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Environmental Fee Balance Account EFBA | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | 62.6% | 37.4% | \$16 | \$275 | \$291 | \$14 | \$26 | \$250 | \$291 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | 97.0% | 3.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds MA | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Gas Storage Balancing Acct. GSBA-C | 0.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cleanup Cost Acct HSCCA | 62.6% | 37.4% | \$14 | \$235 | \$249 | \$12 | \$21 | \$216 | \$249 |
| Master Meter Balancing Account (MMBA) | 93.9% | 6.1% | \$6 | \$13 | \$19 | \$6 | \$4 | \$9 | \$19 |
| Natural Gas Supp Refund Track Acct | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Margin Only | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Nonmargin Other | 62.6% | 37.4% | \$14 | \$238 | \$252 | \$12 | \$21 | \$220 | \$252 |
| NFCA -Nonmargin SCG | 62.6% | 37.4% | \$137 | \$2,310 | \$2,447 | \$114 | \$204 | \$2,129 | \$2,447 |
| NGVA | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Non-Core Gas Storage Balancing Acct GSBA-NC | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| РВОРВА | 93.9% | 6.1% | (\$3) | (\$7) | (\$10) | (\$3) | (\$2) | (\$4) | (\$10) |
| Pension BA | 93.9% | 6.1% | \$25 | \$52 | \$77 | \$25 | \$17 | \$35 | \$77 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | 62.6% | 37.4% | \$4 | \$73 | \$77 | \$4 | \$7 | \$66 | \$77 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | 100.0% | 0.0% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | 62.6% | 37.4% | \$31 | \$536 | \$566 | \$28 | \$51 | \$488 | \$566 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | 100.0% | 0.0% | \$224 | \$404 | \$628 | \$224 | \$404 | \$0 | \$628 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | 62.6% | 37.4% | \$10 | \$167 | \$177 | \$9 | \$16 | \$152 | \$177 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | 100.0% | 0.0% | \$26 | \$46 | \$72 | \$26 | \$46 | \$0 | \$72 |
| RD&D 1-Way Bal Acct (Pre-2001) | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Bal Acct RPBA | 93.9% | 6.1% | \$2 | \$5 | \$8 | \$2 | \$2 | \$3 | \$8 |
| Self Gen Memo Acct - SGPMA-CSI | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Self Gen Memo Acct - SGPMA-NonCSI | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SGPMA - Rev Req for NEXT Year | 62.6% | 37.4% | \$114 | \$1,917 | \$2,031 | \$94 | \$169 | \$1,767 | \$2,031 |
| Gain/Loss on Sale Memo Acct GLOSMA | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Integrated Transmission Margin ITBA | 62.6% | 37.4% | \$8 | \$142 | \$151 | \$7 | \$13 | \$131 | \$151 |
| Integrated Transmission Nonmargin ITBA | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) File = 2020 TCAP SDGE RD Model Chaud | 93.9% dhury SDGE | 6.1% Workpapers | \$0 - Page 23 of | \$0 118 | \$0 | \$0 | \$0 | \$0 Tab = | \$0 Cost Alloc |

| MARCHAN COST COMPONENTS ASSO | | . | | EG-D Tier | |
|--|----------------------------------|----------|---------------|--------------|----------------|
| MARGINAL COST COMPONENTS \$000's | Allocation Method | Total % | 1 | 2 | EG-T |
| Regulatory Accounts | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| On-Bill Financing Balancing Account (OBFBA) | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Baseline Balance BA | 100% Res | 0.0% | 0.0% | 0.0% | 0.0% |
| CFCA -Margin Only (non-NGV) | ECPT-Core | 0.0% | 0.0% | 0.0% | 0.0% |
| CFCA -NGV only | ECPT-Core | 0.0% | 0.0% | 0.0% | 0.0% |
| CFCA -Nonmargin Other | ECPT-Core | 0.0% | 0.0% | 0.0% | 0.0% |
| CFCA -Nonmargin SCG | ECPT-Core | 0.0% | 0.0% | 0.0% | 0.0% |
| Environmental Fee Balance Account EFBA | ECPT excluding exempt EG | 100.0% | 22.7% | 40.8% | 36.5% |
| Disconnect Memorandum Account (DMA) | 100% Res | 0.0% | 0.0% | 0.0% | 0.0% |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | %CYPM | 100.0% | 5.0% | 8.9% | 86.1% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| Green House Gas Balancing Account (GHGBA) - End User | ECPT excluding exempt EG | 100.0% | 71.1% | 14.1% | 14.7% |
| Green House Gas Balancing Account (GHGBA) - LUAF | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| FERC Settlement Proceeds MA | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Core Gas Storage Balancing Acct. GSBA-C | ECPT-Core | 0.0% | 0.0% | 0.0% | 0.0% |
| Hazardous Substance Cleanup Cost Acct HSCCA | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| Master Meter Balancing Account (MMBA) | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Natural Gas Supp Refund Track Acct | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccour | | 100.0% | 22.7% | 40.8% | 36.5% |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | | 100.0% | 32.1% | 22.5% | 45.4% |
| NFCA -Margin Only | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| NFCA -Nonmargin Other | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| NFCA -Nonmargin SCG | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| NGVA | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| Non-Core Gas Storage Balancing Acct GSBA-NC | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| PBOPBA | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Pension BA | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | %CYPM | 100.0% | 5.0% | 8.9% | 86.1% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | % HPD Peak Day | 100.0% | 35.7% | 64.3% | 0.0% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | • | 100.0% | 5.0% | 8.9% | 86.1% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | % HPD Peak Day | 100.0% | 35.7% | 64.3% | 0.0% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | %CYPM | 100.0% | 5.0% | 8.9% | 86.1% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | % HPD Peak Day | 100.0% | 35.7% | 64.3% | 0.0% |
| RD&D 1-Way Bal Acct (Pre-2001) | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| Rewards & Penalties Bal Acct RPBA | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Self Gen Memo Acct - SGPMA-CSI | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Self Gen Memo Acct - SGPMA-NonCSI | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| SGPMA - Rev Reg for NEXT Year | %ECPT | 100.0% | 4.7% | 8.3% | 87.0% |
| Gain/Loss on Sale Memo Acct GLOSMA | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| | %CYTP | 100.0% | 32.1% 4.7% | 8.3% | 45.4% 87.0% |
| Integrated Transmission Margin ITBA Integrated Transmission Nonmargin ITBA | %CYTP %CYTP | 100.0% | 4.7% 4.7% | 8.3% 8.3% | 87.0% 87.0% |
| S S | %EPAM | 100.0% | 4.7% 32.1% | | |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) File = 2020 TCAP SDGE RD Model Ch. | %ЕРАМ audhury SDGE Workpapers | | | 22.5% | 45.4% |

| MARGINAL COST COMPONENTS \$000's | | | | Res | NGV | Core C&I | Total Core |
|---|---|---|----------|-----------|-----------|-----------|-------------------|
| GRCRRMA Sub allocation for AB32 Admin Fees | | N | \$0 | \$0 | \$0 | \$0 | \$0 |
| CSI Thermal Program memoradum Account | | Υ | \$1,601 | \$822 | \$75 | \$598 | \$1,495 |
| Catastrophic Event Memo. Acct 2007 (CEMA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Z-Factor Memorandum Account | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Regulatory Accounts | | | \$59,691 | \$34,967 | \$1,130 | \$17,056 | \$53,153 |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | \$290,025 | \$3,515 | \$63,002 | \$356,543 |
| AVERAGE YEAR THROUGHPUT, Mth/yr | | | | 313,234 | 24,129 | 194,777 | 532,140 |
| Average Rate \$/th | | | | \$0.92590 | \$0.14570 | \$0.32346 | \$0.67002 |
| FFU Rate | | | | 102.29% | 102.29% | 102.29% | 102.29% |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | | |
|---|-----------|-----------|-----------|-----------|----------------------|--------------|---------|----------|
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CSI Thermal Program memoradum Account | \$143 | \$0 | \$0 | \$0 | \$143 | \$1,638 | \$37 | \$1,601 |
| Catastrophic Event Memo. Acct 2007 (CEMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Z-Factor Memorandum Account | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Regulatory Accounts | \$862 | \$632 | \$6,414 | \$7,046 | \$7,908 | \$61,061 | \$1,370 | \$59,691 |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | \$3,461 | \$2,789 | \$16,566 | \$19,356 | \$22,816 | \$379,359 | | |
| AVERAGE YEAR THROUGHPUT, Mth/yr | 46,945 | 29,736 | 500,494 | 530,230 | 577,175 | 1,109,315 | | |
| Average Rate \$/th | \$0.07371 | \$0.09381 | \$0.03310 | \$0.03650 | \$0.03953 | \$0.34198 | | |
| FFU Rate | 102.29% | 102.29% | 102.29% | 102.29% | 102.29% | 102.29% | | |

SDG&E Cost Allocation Allocation Allocation 8

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| | | | Total | | | Core | Total | | EG <3 |
|--|--------------------------|--------------------------------|--------|-------|------|-------|-------|------|---------|
| MARGINAL COST COMPONENTS \$000's | Source | Allocation | System | Res | NGV | C&I | Core | NCCI | mmth/yr |
| GRCRRMA Sub allocation for AB32 Admin Fees | Reg. Acct Filing 10/2017 | ECPT AB32 Fee Non-Exempt | 100.0% | 45.6% | 3.5% | 28.3% | 77.4% | 6.8% | 4.3% |
| CSI Thermal Program memoradum Account | Reg. Acct Filing 10/2017 | ECPT ex CARE, EG, Cost. Exempt | 100.0% | 50.2% | 4.6% | 36.5% | 91.3% | 8.7% | 0.0% |
| Catastrophic Event Memo. Acct 2007 (CEMA) | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |
| Z-Factor Memorandum Account | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% |

Total Regulatory Accounts

| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr |
|---|
| AVERAGE YEAR THROUGHPUT, Mth/yr |
| Average Rate \$/th |
| FFU Rate |

MISC Inputs

SDG&E Cost Allocation NCCI Allocation

| | EG>=3 | | Total | | | | | | |
|---|---------|----------|---------|------------|-----------|-----------|------------|-------------------------|---------|
| MARGINAL COST COMPONENTS \$000's | mmth/yr | Total EG | NonCore | NCCI Total | NCCI-D | NCCI-T | NCCI Total | Allocation Method | Total % |
| GRCRRMA Sub allocation for AB32 Admin Fees | 11.5% | 15.8% | 22.6% | \$0 | \$0 | \$0 | \$0 | %AYTP | 100.0% |
| CSI Thermal Program memoradum Account | 0.0% | 0.0% | 8.7% | \$143 | \$87 | \$56 | \$143 | % AYTP CSITMA NonExempt | 100.0% |
| Catastrophic Event Memo. Acct 2007 (CEMA) | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| Z-Factor Memorandum Account | 1.3% | 0.0% | 2.5% | \$0 | \$0 | \$0 | \$0 | %EPAM | 100.0% |
| Total Regulatory Accounts | | | | \$862 | \$661 | \$200 | \$862 | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | \$3,461 | \$2,901 | \$559 | \$3,461 | _ | |
| AVERAGE YEAR THROUGHPUT, Mth/yr | | | | 46,945 | 29,376 | 17,569 | 46,945 | = | |
| Average Rate \$/th | | | | \$0.07371 | \$0.09876 | \$0.03184 | \$0.07371 | | |
| FFU Rate | | | | 102.29% | 102.29% | 102.29% | | | |

SDG&E Cost Allocation EG Allocation

| MARGINAL COST COMPONENTS \$000's | NCCI-D | NCCI-T | EG Tier 1 | EG Tier 2 | EG Total | EG-D Tier 1 | EG-D Tier 2 | EG-T | EG Total |
|---|---------|--------|-----------|-----------|-----------|-------------|-------------|-----------|-----------|
| GRCRRMA Sub allocation for AB32 Admin Fees | 62.6% | 37.4% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CSI Thermal Program memoradum Account | 60.8% | 39.2% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Catastrophic Event Memo. Acct 2007 (CEMA) | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Z-Factor Memorandum Account | 93.9% | 6.1% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Regulatory Accounts | | | \$632 | \$6,414 | \$7,046 | \$577 | \$1,001 | \$5,468 | \$7,046 |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | <u></u> | | \$2,789 | \$16,566 | \$19,356 | \$2,660 | \$2,844 | \$13,851 | \$19,356 |
| AVERAGE YEAR THROUGHPUT, Mth/yr | | | 29,736 | 500,494 | 530,230 | 24,662 | 44,206 | 461,363 | 530,230 |
| Average Rate \$/th | | | \$0.09381 | \$0.03310 | \$0.03650 | \$0.10787 | \$0.06434 | \$0.03002 | \$0.03650 |
| FFU Rate | | | 102.29% | 102.29% | 102.29% | 102.29% | 102.29% | 102.29% | |

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| | | | EG-D Tier | EG-D Tier | |
|--|--------------------------|---------|-----------|-----------|-------|
| MARGINAL COST COMPONENTS \$000's | Allocation Method | Total % | 1 | 2 | EG-T |
| GRCRRMA Sub allocation for AB32 Admin Fees | ECPT excluding exempt EG | 100.0% | 22.7% | 40.8% | 36.5% |
| CSI Thermal Program memoradum Account | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| Catastrophic Event Memo. Acct 2007 (CEMA) | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| Z-Factor Memorandum Account | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |

Total Regulatory Accounts

Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr

AVERAGE YEAR THROUGHPUT, Mth/yr

Average Rate \$/th

FFU Rate

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| MARGINAL COST COMPONENTS \$000's | Res | NGV | Core C&I | Total Core |
|--|-----------|-----------|-----------|------------|
| Sempra Wide & TLS Adjustments:: | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | \$290,025 | \$3,515 | \$63,002 | \$356,543 |
| SW NGV Adjustment | | \$294 | | \$294 |
| SW EG Adjustment | | | | \$0 |
| TLS Adjustment | | | | |
| Amount allocated to TLS Class \$000 | | | | \$0 |
| TLS revenue paid by class @ average TLS rate \$000 | | | | \$0 |
| | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | \$290,025 | \$3,809 | \$63,002 | \$356,836 |
| Rate Tables | \$290,025 | \$3,809 | \$63,002 | \$356,836 |
| difference | \$0 | \$0 | \$0 | \$0 |
| AYTP Mth/yr | 313,234 | 24,129 | 194,777 | 532,140 |
| Average Rate w/oBTS \$/th | \$0.92590 | \$0.15786 | \$0.32346 | \$0.67057 |
| Rate Tables | \$0.92590 | \$0.15786 | \$0.32346 | \$0.67057 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| BTS w/FFU Charge \$000 | \$9,140 | \$642 | \$5,409 | \$15,191 |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | \$299,165 | \$4,451 | \$68,411 | \$372,027 |
| Average Rate w/ BTS \$/th | \$0.95508 | \$0.18448 | \$0.35123 | \$0.69911 |
| Effective Allocation %'s: | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | 77.4% | 0.8% | 14.2% | 92.4% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 83.0% | 0.7% | 13.8% | 97.5% |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | 76.5% | 0.9% | 16.6% | 94.0% |
| Transport Rev Reg w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | 76.3% | 1.0% | 16.6% | 93.9% |

Calculation of Allocation Factors

Customers

AYTP

AYTP Distribution Only

CYTP

CYPM

CYPM Dist Only

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

EPMC Dist Only

Cumulative HPD Peak Day

Cumulative HPD Peak Day

AYTP Mth/yr

exempt volumes Mth/yr

2020 TCAP Application

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | |
|--|-----------|-----------|---------------------------------------|------------|---------------|--------------|---|
| Sempra Wide & TLS Adjustments:: | • | | | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | \$3,461 | | | \$19,356 | \$22,816 | \$379,359 | |
| SW NGV Adjustment | | | | | \$0 | \$294 | |
| SW EG Adjustment | | | | \$994 | \$994 | \$994 | |
| TLS Adjustment | | | | | | | |
| Amount allocated to TLS Class \$000 | (\$559) | | | (\$13,851) | (\$14,410) | (\$14,410) | |
| TLS revenue paid by class @ average TLS rate \$000 | \$569 | | | \$13,123 | \$13,692 | \$13,692 | |
| | \$10 | | | (\$728) | (\$719) | (\$719) | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | \$3,470 | | | \$19,621 | \$23,092 | \$379,928 | |
| Rate Tables | \$3,470 | | | \$19,621 | \$23,092 | \$379,928 | |
| difference | \$0 | | | \$0 | \$0 | \$0 | |
| AYTP Mth/yr | 46,945 | | | 530,230 | 577,175 | 1,109,315 | |
| Average Rate w/oBTS \$/th | \$0.07392 | | | \$0.03701 | \$0.04001 | \$0.34249 | |
| Rate Tables | \$0.07392 | | | \$0.03701 | \$0.04001 | \$0.34249 | - |
| difference | \$0.00000 | | | \$0.00000 | \$0.00000 | \$0.00000 | |
| BTS w/FFU Charge \$000 | \$1,249 | \$791 | \$13,321 | \$14,112 | \$15,361 | \$30,553 | |
| Fransport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | \$4,720 | • | · · · · · · · · · · · · · · · · · · · | \$33,733 | \$38,453 | \$410,480 | |
| Average Rate w/ BTS \$/th | \$0.10053 | | | \$0.06362 | \$0.06662 | \$0.37003 | |
| Effective Allocation %'s: | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | 1.0% | 0.8% | 5.8% | 6.6% | 7.6% | 100.0% | |
| Fotal Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 0.7% | 0.6% | 1.3% | 1.9% | 2.5% | 100.0% | |
| Fransport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | 0.9% | 0.7% | 4.4% | 5.1% | 6.0% | 100.0% | |
| Transport Rev Reg w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | 0.9% | 0.0% | 0.0% | 5.2% | 6.1% | 100.0% | |

Calculation of Allocation Factors

Customers

AYTP

AYTP Distribution Only

CYTP

CYPM

CYPM Dist Only

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

EPMC Dist Only

Cumulative HPD Peak Day

Cumulative HPD Peak Day

AYTP Mth/yr

exempt volumes Mth/yr

Allocation % SDG&E Cost Allocation

2020 TCAP Application

| MARGINAL COST COMPONENTS \$000's | Source | Allocation | Total System | Res | NGV | Core C&I | Total Core | NCCI | EG <3 mmth/yr |
|--|------------------|------------|---|-----|-----|-------------|---------------|------|------------------|
| Sempra Wide & TLS Adjustments:: | · | | • | | | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | | | |
| SW NGV Adjustment | | | | | | | | | |
| SW EG Adjustment | | | | | | | | | |
| TLS Adjustment | | | | | | | | | |
| Amount allocated to TLS Class \$000 | | | | | | | | | |
| TLS revenue paid by class @ average TLS rate \$000 | | | | | | | | | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | | | | | | | | | |
| Rate Tables | Cost Alloc | | | | | | | | |
| difference | | | | | | | | | |
| | | | | | | | | | |
| AYTP Mth/yr | | | | | | | | | |
| Average Rate w/oBTS \$/th | | | | | | | | | |
| Rate Tables | Cost Alloc | | | | | | | | |
| difference | | | | | | | | | |
| BTS w/FFU Charge \$000 | SCG/ Local & BBT | | | | | | | | |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | | | | | | | | | |
| Average Rate w/ BTS \$/th | | | | | | | | | |
| | | | | | | | | | |
| Effective Allocation %'s: | | | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | | | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | | | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | | | | | | | | | |

Calculation of Allocation Factors

Customers

AYTP

AYTP Distribution Only

CYTP

CYPM

CYPM Dist Only

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

EPMC Dist Only

Cumulative HPD Peak Day

Cumulative HPD Peak Day

AYTP Mth/yr

exempt volumes Mth/yr

SDG&E Cost Allocation NCCI Allocation

2020 TCAP Application

| | EG>=3 | | Total | | | | | | | |
|---|---------|----------|---------|---|------------|-----------|-----------|------------|-------------------|---------|
| MARGINAL COST COMPONENTS \$000's | mmth/yr | Total EG | NonCore | | NCCI Total | NCCI-D | NCCI-T | NCCI Total | Allocation Method | Total % |
| Sempra Wide & TLS Adjustments:: | • | | | _ | | | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | | \$3,461 | \$2,901 | \$559 | \$3,461 | | |
| SW NGV Adjustment | | | | | | | | | | |
| SW EG Adjustment | | | | | | | | | | |
| TLS Adjustment | | | | | | | | | | |
| Amount allocated to TLS Class \$000 | | | | | (\$559) | | (\$559) | (\$559) | | |
| TLS revenue paid by class @ average TLS rate \$000 | | | | | \$569 | | \$569 | \$569 | | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | _ = | | | | \$3,470 | \$2,901 | \$569 | \$3,470 | <u> </u> | |
| Rate Tables | _ | | | | | | \$569 | | _ | |
| difference | | | | | | | | | | |
| AYTP Mth/yr | | | | | 46,945 | 29,376 | 17,569 | 46,945 | | |
| Average Rate w/oBTS \$/th | | | | | \$0.07392 | \$0.09876 | \$0.03239 | \$0.07392 | | |
| Rate Tables | | | | | <u> </u> | | | | | |
| difference | | | | | | | | | | |
| BTS w/FFU Charge \$000 | | | | | \$1,249 | \$782 | \$468 | \$1,249 | %CYTP | 100.0% |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | _ | | | | \$4,710 | \$3,683 | \$1,027 | \$4,710 | = | ļ |
| Average Rate w/ BTS \$/th | = | | | | \$0.10033 | \$0.12537 | \$0.05845 | \$0.10033 | | |

Effective Allocation %'s:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU
Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr
Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr

| Calculation of Allocation Factors | | NCCI Total | NCCI-D | NCCI-T | Source | Allocation Method | Total % |
|--|---|--------------------|---------|--------|---------------|---|---------|
| # Customers | | 53 | 44 | 9 | Alloc factors | %Customers | 100.0% |
| AYTP | | 46,945 | 29,376 | 17,569 | Alloc factors | %AYTP | 100.0% |
| AYTP Distribution Only | | | | | | | |
| CYTP | | 46,945 | 29,376 | 17,569 | Alloc factors | %CYTP | 100.0% |
| CYPM | | 3,947 | 2,470 | 1,477 | Alloc factors | %CYPM | 100.0% |
| CYPM Dist Only | | 2,470 | 2,470 | 0 | | %CYPM Dist Only | 100.0% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | \$1,956 | \$1,838 | \$118 | | %EPAM | 100.0% |
| EPMC Dist Only | | | | | | | |
| Cumulative HPD Peak Day | | | | | | | |
| Cumulative HPD Peak Day | | | | | | | |
| AYTP Mth/yr | | 46,945 | 29,376 | 17,569 | | | |
| exempt volumes Mth/yr | _ | (2,083) | (2,083) | 0 | Alloc factors | | |
| AYTP NonExempt Volumes Mth/yr File = 2020 TCAP SDGE RD Model | | 44,862 4 of 118 | 27,293 | 17,569 | _ | % AYTP CSITMA NonExempt Tab = Cost Alloc | 100.0% |

SDG&E Cost Allocation **EG** Allocation

2020 TCAP Application

| MARGINAL COST COMPONENTS \$000's | NCCI-D | NCCI-T | EG Tier 1 | EG Tier 2 | EG Total | EG-D Tier 1 | EG-D Tier 2 | EG-T | EG Total |
|---|--------|--------|-----------|-----------|----------|-------------|-------------|------------|----------|
| Sempra Wide & TLS Adjustments:: | · | | | | | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | \$2,660 | \$2,844 | \$13,851 | |
| SW NGV Adjustment | | | | | | | | | |
| SW EG Adjustment | | | | | | \$578 | \$416 | \$994 | |
| TLS Adjustment | | | | | | | | | |
| Amount allocated to TLS Class \$000 | | | | | | | | (\$13,851) | |
| TLS revenue paid by class @ average TLS rate \$000 | | | | | | | | \$13,123 | |
| | | | | | | | | (\$728) | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | | | | | | \$3,238 | \$3,261 | \$13,123 | - |
| Rate Tables | | | | | | \$3,238 | \$3,261 | \$13,123 | - |
| difference | | | | | | \$0 | \$0 | \$0 | |
| AYTP Mth/yr | | | | | | | | | |
| Average Rate w/oBTS \$/th | | | | | | | | | |
| Rate Tables | | | | | | | | | |
| difference | | | | | | | | | |
| BTS w/FFU Charge \$000 | 62.6% | 37.4% | \$791 | \$13,321 | \$14,112 | \$656 | \$1,177 | \$12,279 | \$14,112 |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | | | \$3,581 | \$29,887 | \$33,468 | \$3,317 | \$4,021 | \$26,130 | \$33,468 |
| Average Rate w/ BTS \$/th | | · | · | • | | \$0.13448 | \$0.09096 | \$0.05664 | |

Effective Allocation %'s:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr

| Calculation of Allocation Factors | NCCI-D | NCCI-T | EG Total EG-D Tier 1 EG-D Tier 2 EG-T |
|--|--------|--------|---------------------------------------|
| # Customers | 83.0% | 17.0% | 90 69 6 15 |
| AYTP | 62.6% | 37.4% | 530,230 24,662 44,206 461,363 |
| AYTP Distribution Only | | | 68,867 24,662 44,206 0 |
| CYTP | 62.6% | 37.4% | 530,230 24,662 44,206 461,363 |
| CYPM | 62.6% | 37.4% | 41,419 2,053 3,696 35,670 |
| CYPM Dist Only | 100.0% | 0.0% | 5,749 2,053 3,696 0 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 93.9% | 6.1% | \$5,401 \$1,733 \$1,214 \$2,454 |
| EPMC Dist Only | | | \$2,947 \$1,733 \$1,214 \$0 |
| Cumulative HPD Peak Day | | | 185 66 119 0 |
| Cumulative HPD Peak Day | | | |
| AYTP Mth/yr | | | |

exempt volumes Mth/yr

2020 TCAP Application

| MARGINAL COST COMPONENTS \$000's | Allocation Method | Total % | 1 | 2 | EG-T |
|---|-------------------|---------|------|------|-------|
| empra Wide & TLS Adjustments:: | • | | | | |
| ransport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | | |
| SW NGV Adjustment | | | | | |
| SW EG Adjustment | | | | | |
| TLS Adjustment | | | | | |
| Amount allocated to TLS Class \$000 | | | | | |
| TLS revenue paid by class @ average TLS rate \$000 | | | | | |
| ransport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | | | | | |
| Rate Tables | | | | | |
| difference | | | | | |
| AYTP Mth/yr Average Rate w/oBTS \$/th Rate Tables difference | | | | | |
| BTS w/FFU Charge \$000 | %CYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| ransport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | | | | | |
| verage Rate w/ BTS \$/th | | | | | |
| Effective Allocation %'s: | | | | | |
| otal Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | |
| otal Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | | |
| | | | | | |
| ransport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | | |

EG-D Tier EG-D Tier

| Calculation of Allocation Factors | Allocation Method | Total % | 1 | 2 | EG-T |
|--|-------------------|---------|-------|-------|-------|
| # Customers | %Customers | 100.0% | 76.7% | 6.7% | 16.7% |
| AYTP | %AYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| AYTP Distribution Only | %AYTP Dist Only | 100.0% | 35.8% | 64.2% | 0.0% |
| CYTP | %CYTP | 100.0% | 4.7% | 8.3% | 87.0% |
| CYPM | %CYPM | 100.0% | 5.0% | 8.9% | 86.1% |
| CYPM Dist Only | %CYPM Dist Only | 100.0% | 35.7% | 64.3% | 0.0% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | %EPAM | 100.0% | 32.1% | 22.5% | 45.4% |
| EPMC Dist Only | EPAM Dist Only | 100.0% | 58.8% | 41.2% | 0.0% |
| Cumulative HPD Peak Day | %HPD Peak Day | 100.0% | 35.7% | 64.3% | 0.0% |
| Cumulative HPD Peak Day | | | | | |

AYTP Mth/yr

exempt volumes Mth/yr

MARGINAL COST COMPONENTS \$000's Res NGV Core C&I Total Core

Allocator for California Air Resources Board AB 32 Admin Fee:

AYTP Mth/yr all customers Mth/y

Less: AB32Fees Exempt Customers Mth/y

AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y

Current

Less: AB32Fees Exempt Customers Mth/y

Proposed

Less: AB32Fees Exempt Customers Mth/y

GHG Fee Adder

AYTP Mth/yr all customers Mth/y

Less: GHG Charge Exempt Customers Mth/y

AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y

GHG Fee Adder Current

Less: GHG Charge Exempt Customers Mth/y

GHG Fee Adder Proposed

2020 TCAP Application

MARGINAL COST COMPONENTS \$000's NCCI EG Tier 1 EG Tier 2 Total EG Total NonCore System Total

Allocator for California Air Resources Board AB 32 Admin Fee:

AYTP Mth/yr all customers Mth/y

Less: AB32Fees Exempt Customers Mth/y

AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y

Current

Less: AB32Fees Exempt Customers Mth/y

Proposed

Less: AB32Fees Exempt Customers Mth/y

GHG Fee Adder

AYTP Mth/yr all customers Mth/y

Less: GHG Charge Exempt Customers Mth/y

AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y

GHG Fee Adder Current

Less: GHG Charge Exempt Customers Mth/y

GHG Fee Adder Proposed

SDG&E Cost Allocation Allocation Allocation &

2020 TCAP Application

| | | | Total | | | Core | Total | | EG <3 |
|----------------------------------|--------|------------|--------|-----|-----|------|-------|------|---------|
| MARGINAL COST COMPONENTS \$000's | Source | Allocation | System | Res | NGV | C&I | Core | NCCI | mmth/yr |

Allocator for California Air Resources Board AB 32 Admin Fee:

AYTP Mth/yr all customers Mth/y

Less: AB32Fees Exempt Customers Mth/y

AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y

Current

Less: AB32Fees Exempt Customers Mth/y

Proposed

Less: AB32Fees Exempt Customers Mth/y

GHG Fee Adder

AYTP Mth/yr all customers Mth/y

Less: GHG Charge Exempt Customers Mth/y

AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y

GHG Fee Adder Current

Less: GHG Charge Exempt Customers Mth/y

GHG Fee Adder Proposed

NCCI Allocation SDG&E Cost Allocation

2020 TCAP Application

| MARGINAL COST COMPONENTS \$000's | EG>=3 mmth/vr | Total EG | Total NonCore | | NCCI Total | NCCI-D | NCCI-T | NCCI Total | Allocation Method | Total % |
|---|------------------|----------|------------------|---|------------|---------|----------|------------|---------------------|----------|
| | | | | _ | | | | | | 10141.70 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Allocator for California Air Resources Board AB 32 Admin Fee: | | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | | | | | | | | | | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | | | | | | |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y Current | | | | | | | | | | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | | | | | | |
| Proposed | | | | | | | | | | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | | | | | | |
| GHG Fee Adder | | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | | | | | 46,945 | 29,376 | 17,569 | | | |
| Less: GHG Charge Exempt Customers Mth/y | | | | _ | (18,389) | (1,682) | (16,707) | • | | |
| AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y | | | | | 28,556 | 27,694 | 862 | | % AYTPGHG NonExempt | 100.0% |
| GHG Fee Adder Current | | | | | | | | | | |
| Less: GHG Charge Exempt Customers Mth/y | | | | _ | (17,918) | (1,592) | (16,326) | • | | |
| | | | | | | | | | | |
| GHG Fee Adder Proposed | | | | | | | | | | |
| Less: GHG Charge Exempt Customers Mth/y | | | | _ | (18,389) | (1,682) | (16,707) | - | | |

SDG&E Cost Allocation EG Allocation

| MARGINAL COST COMPONENTS \$000's | NCCI-D | NCCI-T | EG Tier 1 | EG Tier 2 | EG Total | EG-D Tier 1 | EG-D Tier 2 | EG-T | EG Total |
|---|--------|--------|-----------|-----------|-----------|-------------|-------------|-----------|----------|
| | | | | | | | | | |
| | | | | | | | | | |
| Allocator for California Air Resources Board AB 32 Admin Fee: | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | | | | | 530,230 | 24,662 | 44,206 | 461,363 | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | (421,881) | (102) | 0 | (421,779) | |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | | | | | 108,350 | 24,560 | 44,206 | 39,584 | |
| Current | | | | | | | | | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | (481,330) | (1,535) | 0 | (479,795) | |
| Proposed | | | | | | | | | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | (421,881) | (102) | 0 | (421,779) | |
| GHG Fee Adder | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | | | | | 530,230 | 24,662 | 44,206 | 461,363 | |
| Less: GHG Charge Exempt Customers Mth/y | | | | | (497,259) | (1,212) | (39,541) | (456,506) | |
| AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y | 97.0% | 3.0% | | | 32,971 | 23,450 | 4,665 | 4,857 | |
| GHG Fee Adder Current | | | | | | | | | |
| Less: GHG Charge Exempt Customers Mth/y | | | | | (641,551) | (944) | (68,514) | (572,093) | |
| GHG Fee Adder Proposed | | | | | | | | | |
| Less: GHG Charge Exempt Customers Mth/y | | | | | (497,259) | (1,212) | (39,541) | (456,506) | |

2020 TCAP Application

| MARGINAL COST COMPONENTS \$000's | Allocation Method | Total % | EG-D Tier | EG-D Tier 2 | EG-T |
|---|---------------------------|---------|-----------|----------------|-------|
| | - | | | | |
| | | | | | |
| Allocator for California Air Resources Board AB 32 Admin Fee: | | | | | |
| AYTP Mth/yr all customers Mth/y | | | | | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | % ECPT AB32 Fee Non-Exemp | 100.00% | 22.7% | 40.8% | 36.5% |
| Current | | | | | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | |
| Proposed | | | | | |
| Less: AB32Fees Exempt Customers Mth/y | | | | | |
| GHG Fee Adder | | | | | |
| AYTP Mth/yr all customers Mth/y | | | | | |
| Less: GHG Charge Exempt Customers Mth/y | | | | | |
| AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y | % ECPT GHG Fee Non-Exemp | 100.00% | 71.1% | 14.1% | 14.7% |
| GHG Fee Adder Current | | | | | |

Less: GHG Charge Exempt Customers Mth/y

GHG Fee Adder Proposed

| 2020 TCAP Application | | | | | Non Core | | | | Total Non | |
|--|-----------|---------|----------|-------------------|----------|-----------|-----------|----------|-----------|--------------|
| | Res | NGV | Core C&I | Total Core | C&I | EG Tier 1 | EG Tier 2 | Total EG | Core | Total System |
| DIRECT (%'s Load or Cust/Mtrs Sum to 100%) | | | | | | | | | | |
| Transmission | | | | | | | | | | |
| Average Year Throughput (MTh) | 0 | 0 | 0 | 0 | 17,569 | 5,074 | 456,289 | 461,363 | 478,932 | 478,932 |
| Cold Year Throughput (1-in-35) (MTh) | 0 | 0 | 0 | 0 | 17,569 | 5,074 | 456,289 | 461,363 | 478,932 | 478,932 |
| Cold Year Peak Month (December) (MTh) | 0 | 0 | 0 | 0 | 1,477 | 191 | 35,479 | 35,670 | 37,147 | 37,147 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 0 | 0 | 0 | 0 | 48 | 6 | 1,684 | 1,690 | 1,738 | 1,738 |
| Number of Customers | 0 | 0 | 0 | 0 | 9 | 3 | 12 | 15 | 24 | 24 |
| High Pressure | | | | | | | | | | |
| Average Year Throughput (MTh) | 67 | 8,874 | 3,116 | 12,057 | 7,497 | 3,531 | 36,209 | 39,740 | 47,237 | 59,294 |
| Cold Year Throughput (1-in-35) (MTh) | 74 | 8,874 | 3,251 | 12,199 | 7,497 | 3,531 | 36,209 | 39,740 | 47,237 | 59,436 |
| Cold Year Peak Month (December) (MTh) | 11 | 721 | 373 | 1,105 | 630 | 287 | 3,027 | 3,314 | 3,944 | 5,049 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 1 | 23 | 18 | 42 | 20 | 9 | 98 | 107 | 127 | 169 |
| Number of Customers | 2 | 4 | 5 | 11 | 9 | 5 | 4 | 9 | 18 | 29 |
| Medium Pressure | | | | | | | | | | |
| Average Year Throughput (MTh) | 313,167 | 15,255 | 191,661 | 520,083 | 21,879 | 21,131 | 7,997 | 29,127 | 51,006 | 571,089 |
| Cold Year Throughput (1-in-35) (MTh) | 343,334 | 15,255 | 199,985 | 558,574 | 21,879 | 21,131 | 7,997 | 29,127 | 51,006 | 609,580 |
| Cold Year Peak Month (December) (MTh) | 50,177 | 1,239 | 22,957 | 74,374 | 1,839 | 1,767 | 669 | 2,435 | 4,275 | 78,649 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 2,943 | 40 | 1,098 | 4,081 | 59 | 57 | 22 | 79 | 138 | 4,219 |
| Number of Customers | 874,065 | 24 | 30,932 | 905,021 | 35 | 64 | 2 | 66 | 101 | 905,122 |
| CUMULATIVE (Calc'd from DIRECT %'s) | | | | | | | | | | |
| Transmission | | | | | | | | | | |
| Average Year Throughput (MTh) | 313,234 | 24,129 | 194,777 | 532,140 | 46,945 | 29,736 | 500,494 | 530,230 | 577,175 | 1,109,315 |
| Cold Year Throughput (1-in-35) (MTh) | 343,408 | 24,129 | 203,236 | 570,773 | 46,945 | 29,736 | 500,494 | 530,230 | 577,175 | 1,147,948 |
| Cold Year Peak Month (December) (MTh) | 50,188 | 1,960 | 23,331 | 75,479 | 3,947 | 2,244 | 39,175 | 41,419 | 45,366 | 120,845 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 2,944 | 63 | 1,115 | 4,123 | 127 | 72 | 1,803 | 1,876 | 2,003 | 6,126 |
| Number of Customers | 874,067 | 28 | 30,937 | 905,032 | 53 | 72 | 18 | 90 | 143 | 905,175 |
| High Pressure | | | | | | | | | | |
| Average Year Throughput (MTh) | 313,234 | 24,129 | 194,777 | 532,140 | 29,376 | 24,662 | 44,206 | 68,867 | 98,243 | 630,384 |
| Cold Year Throughput (1-in-35) (MTh) | 343,408 | 24,129 | 203,236 | 570,773 | 29,376 | 24,662 | 44,206 | 68,867 | 98,243 | 669,016 |
| Cold Year Peak Month (December) (MTh) | 50,188 | 1,960 | 23,331 | 75,479 | 2,470 | 2,053 | 3,696 | 5,749 | 8,219 | 83,698 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 2,944 | 63 | 1,115 | 4,123 | 80 | 66 | 119 | 185 | 265 | 4,388 |
| Number of Customers | 874,067 | 28 | 30,937 | 905,032 | 44 | 69 | 6 | 75 | 119 | 905,151 |
| Medium Pressure | | | | | | | | | | |
| Average Year Throughput (MTh) | 313,167 | 15,255 | 191,661 | 520,083 | 21,879 | 21,131 | 7,997 | 29,127 | 51,006 | 571,089 |
| Cold Year Throughput (1-in-35) (MTh) | 343,334 | 15,255 | 199,985 | 558,574 | 21,879 | 21,131 | 7,997 | 29,127 | 51,006 | 609,580 |
| Cold Year Peak Month (December) (MTh) | 50,177 | 1,239 | 22,957 | 74,374 | 1,839 | 1,767 | 669 | 2,435 | 4,275 | 78,649 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 2,943 | 40 | 1,098 | 4,081 | 59 | 57 | 22 | 79 | 138 | 4,219 |
| Number of Customers | 874,065 | 24 | 30,932 | 905.021 | 35 | 64 | 2 | 66 | 101 | 905,122 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$241,272 | \$1,911 | \$40,147 | \$283,329 | \$1,956 | \$1,751 | \$3,651 | \$5,401 | \$7,357 | \$290,686 |

SDGE Allocation Factors

| 2020 TOAL Application | Non Core Total Non | | | | | | | | | | |
|---|--------------------|---------------|----------|----------------|---------------|---------------|-----------|-----------|-----------------|-----------------|--|
| | Res | NGV | Core C&I | Total Core | C&I | EG Tier 1 | EG Tier 2 | Total EG | Core | Total System | |
| Calculation of Allocation Factors: | 074.007 | 00 | 00.007 | 005.000 | | 70 | 40 | | 440 | 005 475 | |
| Cumulative Transmission # Customers | 874,067 | 28 | 30,937 | 905,032 | 53 | 72 | 18 | 90 | 143 | 905,175 | |
| Cumulative Transmission AYTP Mth/yr | 313,234 | 24,129 | 194,777 | 532,140 | 46,945 | 29,736 | 500,494 | 530,230 | 577,175 | 1,109,315 | |
| AYTP System | 28.2% | 2.2% | 17.6% | 48.0% | 4.2% | 2.7% | 45.1% | | 52.0% | 100.0% | |
| AYTP Core | 58.9% | 4.5% | 36.6% | 100.0% | | | | | - | 100.0% | |
| AYTP Core Non NGV | 61.7% | 0.0% | 38.3% | 100.0% | | | | | - | 100.0% | |
| AYTP Noncore | | | | - | 8.1% | 5.2% | 86.7% | | 100.0% | 100.0% | |
| AYTP Core & NonCore Distribution Only: | | | | | | | | | | | |
| System Total Mth/yr | 313,234 | 24,129 | 194,777 | 532,140 | 46,945 | 29,736 | 500,494 | 530,230 | 577,175 | 1,109,315 | |
| Less NonCore Transmission Mth/yr | | | | | (17,569) | (5,074) | (456,289) | (461,363) | (478,932) | (478,932) | |
| AYTP Core & NonCore Distribution Only | 313,234 | 24,129 | 194,777 | 532,140 | 29,376 | 24,662 | 44,206 | 68,867 | 98,243 | 630,384 | |
| %AYTP Core & NonCore Distribution | 49.7% | 3.8% | 30.9% | 84.4% | 4.7% | 3.9% | 7.0% | 10.9% | 15.6% | 100.0% | |
| Cumulative Transmission CYTP Mth/yr | 343.408 | 24,129 | 203,236 | 570,773 | 46.945 | 29,736 | 500.494 | 530,230 | 577,175 | 1,147,948 | |
| CYTP System | 29.9% | 2.1% | 17.7% | 49.7% | 4.1% | 2.6% | 43.6% | 000,200 | 50.3% | 100.0% | |
| Ourseletter Transmission OVDM Mileter | 50,188 | 1.960 | 23,331 | 75,479 | 3,947 | 2,244 | 39,175 | 44 440 | 45,366 | 120,845 | |
| Cumulative Transmission CYPM Mth/mo | | , | | | | | | 41,419 | | | |
| CYCPM System Total | 41.5% | 1.6% | 19.3% | 62.5% | 3.3% | 1.9% | 32.4% | | 37.5% | 100.0% | |
| CYPM Core Only | 66.5% | 2.6% | 30.9% | 100.0% | 0.70/ | 4.00/ | 00.40/ | 0.0% | 0.0% | 100.0% | |
| CYPM Noncore Only | | | | 0.0% | 8.7% | 4.9% | 86.4% | 91.3% | 100.0% | 100.0% | |
| CYPM EG-T Only mth/mo | | | | | | 191 | 35,479 | 35,670 | 35,670 | 35,670 | |
| % CYPM EG-T Only | | | | | | 0.5% | 99.5% | 100.0% | 100.0% | 100.0% | |
| Cumulative Transmission Peak Day Mth/day | 2,944 | 63 | 1,115 | 4,123 | 127 | 72 | 1,803 | 1,876 | 2,003 | 6,126 | |
| PDD System Total | 48.1% | 1.0% | 18.2% | 67.3% | 2.1% | 1.2% | 29.4% | | 32.7% | 100.0% | |
| Cumulative HP Distribution Peak Day Mth/day | 2,944 | 63 | 1,115 | 4,123 | 80 | 66 | 119 | 185 | 265 | 4,388 | |
| CYPM System Total | 67.1% | 1.4% | 25.4% | 94.0% | 1.8% | 1.5% | 2.7% | 4.2% | 6.0% | 100.0% | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$241,272 | \$1,911 | \$40,147 | \$283,329 | \$1,956 | \$1,751 | \$3,651 | \$5,401 | \$7,357 | \$290,686 | |
| EPAM All | 83.0% | 0.7% | 13.8% | 97.5% | 0.7% | 0.6% | 1.3% | | 2.5% | 100.0% | |
| Core EPAM | 85.2% | 0.7% | 14.2% | 100.0% | | | | | | 100.0% | |
| NonCore EPAM | | | | | 26.6% | 23.8% | 49.6% | 73.4% | 100.0% | 100.0% | |
| LUAF Allocator: | | | | | | | | | | | |
| Method #1 = Based on 2007 Rates: | | | | | | | | | | | |
| LUAF in 2007 Rates | \$827 | \$10 | \$329 | \$1,167 | \$219 | \$428 | \$1,849 | \$2,277 | \$2,496 | \$3,663 | |
| % 2007 UAF Allocation | 22.6% | 0.3% | 9.0% | 31.9% | 6.0% | 11.7% | 50.5% | 62.2% | 68.1% | 100.0% | |
| Mathad #2, CEN acre @ ECDT / 259/ manage @ ECDT, NOT 11050 | | | | | | | | | | | |
| Method #2 - 65% core @ ECPT / 35% noncore @ ECPT: NOT USED | 58.9% | 4.5% | 26.60/ | 100.007 | 0.0% | 0.00/ | 0.00/ | 0.0% | 0.00/ | 100.0% | |
| Core ECPT | | | 36.6% | 100.0% | | 0.0% | 0.0% | | 0.0% | | |
| NonCore ECPT | 0.0% | 0.0% | 0.0% | 0.0% 76.7% | 8.1% | 5.2% 76.7% | 86.7% | 0.0% | 100.0% 76.7% | 100.0% 76.7% | |
| % Core | 76.7% | 76.7% | 76.7% | | 76.7% | | 76.7% | 76.7% | | | |
| % Noncore % LUAF Allocation | 23.3% 45.2% | 23.3% 3.5% | 23.3% | 23.3% 76.7% | 23.3% 1.9% | 23.3% 1.2% | 23.3% | 23.3% | 23.3% | 23.3% 100.0% | |
| /0 LOAF AIIUCAUUII | 45.2% | 3.5% | 20.176 | 10.170 | 1.970 | 1.270 | ZU.Z70 | ∠1.470 | 23.3% | 100.0% | |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) Direct | 2,943 | 40 | 1,098 | 4,081 | 59 | 57 | 22 | 79 | 138 | 4,219 | |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) Direct Res & CCI | 2,943 | | 1,098 | 4,041 | | | | 0 | 0 | 4,041 | |
| % CYPD MP Res & CCI | 72.8% | 0.0% | 27.2% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | |
| | | | | | | | | | | | |

| | | | | | Non Core | | | | Total Non | |
|--|------------------|----------------|-------------|------------------|-----------------------|--------------|----------------------------|-------------------|-------------------|------------------------------|
| | Res | NGV | Core C&I | Total Core | C&I | EG Tier 1 | EG Tier 2 | Total EG | Core | Total Syste |
| Mash ad #2, 76,7% acre @ ECDT /22,2% manage @ ECDT USED | | | | | | | | | | |
| Wethod #3 -76.7% core @ ECPT / 23.3% noncore @ ECPT USED Core ECPT | 58.9% | 4.5% | 36.6% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |
| NonCore ECPT | 0.0% | 0.0% | 0.0% | 0.0% | 8.1% | 5.2% | 86.7% | 0.0% | 100.0% | 100.0% |
| % Core | 76.7% | 76.7% | 76.7% | 76.7% | 76.7% | 76.7% | 76.7% | 76.7% | 76.7% | 76.7% |
| % Noncore | 23.3% | 23.3% | 23.3% | 23.3% | 23.3% | 23.3% | 23.3% | 23.3% | 23.3% | 23.3% |
| % LUAF Allocation | 45.2% | 3.5% | 28.1% | 76.7% | 1.9% | 1.2% | 20.2% | 21.4% | 23.3% | 100.0% |
| 70 EOAI AIRCOGNOTI | 40.270 | 0.570 | 20.176 | 70.770 | 1.570 | 1.270 | 20.270 | 21.470 | 20.070 | 100.07 |
| Calculation of CAT allocation: | | | | | | | | | | |
| AYTP Core Transport Mth/yr | 2,253 | 16,697 | 39,978 | 58,928 | 0 | 0 | 0 | 0 | 0 | 58,928 |
| CAT allocation | 3.8% | 28.3% | 67.8% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.09 |
| | 310,981 | 7,431 | 154,800 | 473,212 | | | | | | |
| Allocators for California Solar Iniative Thermal Memorandum Account (0 | CSITMA): | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | 313,234 | 24,129 | 194,777 | 532,140 | 46,945 | 29,736 | 500,494 | 530,230 | 577,175 | 1,109,31 |
| CARE Participants Mth/y | (54,559) | (546) | 0 | (55,104) | 0 | 0 | 0 | 0 | 0 | (55,10 |
| FERA Participants Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SGIP Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EG Exempt Mth/y | 0 | 0 | 0 | 0 | 0 | (29,736) | (500,494) | (530,230) | (530,230) | (530,23 |
| Constitutionally Exempt Mth/y | (353) | 0 | (6,818) | (7,171) | (2,083) | 0 | 0 | 0 | (2,083) | (9,254 |
| AYTP Mth/yr excl CARE Participant & EOR Mth/y | 258,322 | 23,583 | 187,959 | 469,864 | 44,862 | 0 | 0 | 0 | 44,862 | 514,72 |
| 6 ECPT excl CARE, FERA, SGIP, EG, Constituional Exempt | 50.2% | 4.6% | 36.5% | 91.3% | 8.7% | 0.0% | 0.0% | 0.0% | 8.7% | 100.09 |
| CSI Thermal Program memoradum Account (\$000) | VII.2,V | | | | /0 | /- | | /0 | /• | \$1,638 |
| CSITMA Adder to Volumetric Rate | | | | | | | | | - | \$0.0031 |
| | | | | | | | | | | |
| Allocator for California Air Resources Board AB 32 Admin Fee: | | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | 313,234 | 24,129 | 194,777 | 532,140 | 46,945 | 29,736 | 500,494 | 530,230 | 577,175 | 1,109,3 |
| Less: AB32Fees Exempt Customers Mth/y | 0 | 0 | 0 | 0 | 0 | (345) | (421,536) | (421,881) | (421,881) | (421,88 |
| YTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | 313,234 | 24,129 | 194,777 | 532,140 | 46,945 | 29,391 | 78,959 | 108,350 | 155,294 | 687,43 |
| 6 ECPT AB32 Fee Non-Exempt | 45.6% | 3.5% | 28.3% | 77.4% | 6.8% | 4.3% | 11.5% | 15.8% | 22.6% | 100.09 |
| Allocator for GHG charge: | | | | | | | | | | |
| AYTP Mth/yr all customers Mth/y | 313,234 | 24,129 | 194,777 | 532,140 | 46,945 | 29,736 | 500,494 | 530,230 | 577,175 | 1,109,31 |
| Less: GHG Charge Exempt Customers Mth/y | 0 | 0 | 0 | 0 | (18,389) | (1,429) | (495,830) | (497,259) | (515,648) | (515,64 |
| AYTP Mth/yr GHG Charge Non-Exempt Customers Mth/y | 313,234 | 24,129 | 194,777 | 532,140 | 28,556 | 28,307 | 4,665 | 32,971 | 61,527 | 593,66 |
| % ECPT GHG Fee Non-Exempt | 52.8% | 4.1% | 32.8% | 89.6% | 4.8% | 4.8% | 0.8% | 5.6% | 10.4% | 100.09 |
| Allocator for SGPMA (TCAP Proposal): | | | | | Direct | \$6,900,054 | - | | | |
| 3 Year Total Program Participation | | | | | ECPT | \$386,964 | \$6,513,090 | | | |
| %SGPMA | \$34,564 | | \$936,060 | \$970,624 | | \$386,964 | \$6,513,090 | | \$6,900,054 | \$7,870 |
| DLD DIRECT Demand Forecast | 0.4% | 0.0% | 11.9% | 12.3% | 0.0% | 4.9% | 82.8% | 0.0% | 87.7% | 100.09 |
| ransmission | | | | | | | | | | |
| Average Year Throughput (MTh) | 0 | 0 | 0 | 0 | 17,168 | 2,071 | 572,004 | 574,075 | 591,243 | 591,24 |
| cold Year Throughput (1-in-35) (MTh) | 0 | ō | 0 | Ō | 17,168 | 2,071 | 572,004 | 574,075 | 591,243 | 591,24 |
| cold Year Peak Month (December) (MTh) | 0 | 0 | 0 | 0 | 1,516 | 166 | 53,795 | 53,961 | 55,477 | 55,477 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 0 | ō | 0 | Ö | 49 | 19 | 1,968 | 1,987 | 2,036 | 2,036 |
| lumber of Customers | 0 | 0 | 0 | Ō | 10 | 5 | 13 | 18 | 27 | 27 |
| ligh Pressure | • | - | - | - | | - | | | | |
| Average Year Throughput (MTh) | 93 | 11,340 | 3,429 | 14,862 | 7,630 | 4,914 | 68,276 | 73,190 | 80,820 | 95,681 |
| Cold Year Throughput (1-in-35) (MTh) | 102 | 11,340 | 3,561 | 15,003 | 7,630 | 4,914 | 68,276 | 73,190 | 80,820 | 95,823 |
| Cold Year Peak Month (December) (MTh) | 15 | 984 | 383 | 1,382 | 674 | 388 | 5,744 | 6,133 | 6,806 | 8,188 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 1 | 32 | 17 | 49 | 22 | 22 | 185 | 207 | 229 | 278 |
| lumber of Customers | 1 | 8 | 6 | 15 | 9 | 6 | 5 | 11 | 20 | 35 |
| ledium Pressure | | 3 | • | | • | Ü | Ü | | , | 55 |
| verage Year Throughput (MTh) | 319,890 | 7,162 | 179,231 | 506,282 | 20,177 | 14,297 | 8,320 | 22,617 | 42,794 | 549,07 |
| old Year Throughput (MTh) | 354,096 | 7,162 7,162 | 186,126 | 547,383 | 20,177 | 14,297 | 8,320 | 22,617 | 42,794 42,794 | 549,07 590,17 |
| Cold Year Peak Month (December) (MTh) | 51,518 | 622 | 19,998 | 72,138 | 1,781 | 1,203 | 700 | 1,903 | 3,684 | 75,822 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 2,911 | 20 | 879 | 72,136 3,810 | 57 | 39 | 23 | 61 | 119 | 3,928 |
| lumber of Customers | 2,911 884,623 | 30 30 | 30,259 | 3,810 914,912 | 33 | 39 40 | 23 2 | 61 42 | 75 | 3,928 914,98 |
| | - | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| ransmission | _ | - | | | 49.6 | E 07: | 450.555 | 101 5 | | |
| Fransmission Average Year Throughput (MTh) | 0 | 0 | 0 | 0 | 17,569 | 5,074 | 456,289 | 461,363 | 478,932 | |
| Fransmission Average Year Throughput (MTh) Cold Year Throughput (1-in-35) (MTh) | 0 | 0 | 0 | 0 | 17,569 | 5,074 | 456,289 | 461,363 | 478,932 | 478,932 |
| NEW DIRECT Demand Forecast Transmission Average Year Throughput (MTh) Cold Year Throughput (1-in-35) (MTh) Cold Year Peak Month (December) (MTh) | 0 0 | 0 | 0 | 0 0 | 17,569 1,477 | 5,074 191 | 456,289 35,479 | 461,363 35,670 | 478,932 37,147 | 478,932 478,932 37,147 |
| Fransmission Average Year Throughput (MTh) Cold Year Throughput (1-in-35) (MTh) | 0 | 0 | 0 0 0 | 0 0 0 | 17,569 1,477 48 | 5,074 | 456,289 35,479 1,684 | 461,363 | 478,932 | 478,932 |

| 2020 TCAP Application | | | | | | | | | | |
|--|--|--|--|--|---|--|--|------------------------------------|---|---|
| | Res | NGV | Core C&I | Total Core | Non Core C&I | EG Tier 1 | EG Tier 2 | Total EG | Total Non Core | Total Syst |
| ligh Pressure | | | | | | | | | | |
| verage Year Throughput (MTh) | 67 | 8,874 | 3,116 | 12,057 | 7,497 | 3,531 | 36,209 | 39,740 | 47,237 | 59,294 |
| Cold Year Throughput (1-in-35) (MTh) | 74 | 8,874 | 3,251 | 12,199 | 7,497 | 3,531 | 36,209 | 39,740 | 47,237 | 59,436 |
| Cold Year Peak Month (December) (MTh) | 11 | 721 | 373 | 1,105 | 630 | 287 | 3,027 | 3,314 | 3,944 | 5,049 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 1 | 23 | 18 | 42 | 20 | 9 | 98 | 107 | 127 | 169 |
| lumber of Customers | 2 | 4 | 5 | 11 | 9 | 5 | 4 | 9 | 18 | 29 |
| ledium Pressure | | | | | | | | | | |
| verage Year Throughput (MTh) | 313,167 | 15,255 | 191,661 | 520,083 | 21,879 | 21,131 | 7,997 | 29,127 | 51,006 | 571,08 |
| Cold Year Throughput (1-in-35) (MTh) | 343,334 | 15,255 | 199,985 | 558,574 | 21,879 | 21,131 | 7,997 | 29,127 | 51,006 | 609,58 |
| Cold Year Peak Month (December) (MTh) | 50,177 | 1,239 | 22,957 | 74,374 | 1,839 | 1,767 | 669 | 2,435 | 4,275 | 78,649 |
| Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) | 2,943 | 40 | 1,098 | 4,081 | 59 | 57 | 22 | 79 | 138 | 4,219 |
| umber of Customers | 874,065 | 24 | 30,932 | 905,021 | 35 | 64 | 2 | 66 | 101 | 905,12 |
| | | | | | | | | | | |
| Old Demand Forecast | | | | | | | | | | |
| AT Customers: AYTP Core Transport Mth/yr | 2,764 | 11,765 | 35,463 | 49,992 | 0 | 0 | 0 | 0 | 0 | 49,992 |
| ATTP Core transport withy | 2,764 | 11,700 | 35,463 | 49,992 | U | U | U | U | U | 49,99 |
| ew Demand Forecast | | | | | | | | | | |
| CAT Customers: | 0.050 | 40.00= | | F0.000 | | | | | | =0 |
| AYTP Core Transport Mth/yr | 2,253 | 16,697 | 39,978 | 58,928 | 0 | 0 | 0 | 0 | 0 | 58,92 |
| alculation of LUAF Allocator: | | | | | | | | | | |
| % Core | | | | | | | | | | |
| DID TCAP | | | | | | | | | | |
| % Core | 76.71% | | | | | | | | | |
| 70 0010 | 70.7170 | | | | | | | | | |
| lew TCAP | | | | | | | | | | |
| % Core | 76.71% | | | | | | | | | |
| | | | | | | | | | | |
| Illocator for GHG charge: | 0 | 0 | 0 | 0 | (17,918) | (1,033) | (640,518) | (641,551) | (659,469) | (659,46 |
| urrent Less: GHG Charge Exempt Customers Mth/y | 0 | 0 | 0 | 0 | (17,918) | (1,033) | (640,518) | (641,551) | (659,469) | (659,46 |
| current Less: GHG Charge Exempt Customers Mth/y Irroposed | | | | | | | | | | |
| Current Less: GHG Charge Exempt Customers Mth/y Proposed Less: GHG Charge Exempt Customers Mth/y | 0 | 0 | 0 | 0 | (17,918) | (1,033) | (640,518) (495,830) | (641,551) (497,259) | (659,469) (515,648) | - |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed | | | | | | | | (497,259) | | - |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI | 0 | | | | | | (495,830) | (497,259) | | - |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITi | 0 | | 0 | 0 | | (1,429) | (495,830) | (497,259) | | (515,64 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y | 0 MA) : | 0 | | | (18,389) | | (495,830) 345.2333333 | (497,259) | (515,648) | (515,64 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y FERA Participants Mth/y | 0 WA): (61,319) | 0 | 0 0 0 | (61,319) | (18,389) | (1,429) | (495,830) 345.23333333 | (497,259) | (515,648) | (515,64 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Inlative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y FERA Participants Mth/y SGIP Exempt Mth/y | 0 WA): (61,319) 0 | 0 0 0 0 | 0 0 0 0 | (61,319) 0 0 | (18,389) 0 0 | (1,429) 0 0 | (495,830) 345.2333333 0 0 0 | (497,259) 0 0 | (515,648) 0 0 | (515,64 (61,31 0 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y SGIP Exempt Mth/y EG Exempt Mth/y | 0 WA): (61,319) 0 | 0 0 0 | 0 0 0 | 0 (61,319) 0 | (18,389) 0 0 | (1,429) 0 0 | (495,830) 345.2333333 0 0 | (497,259) | (515,648) 0 0 | (515,64 (61,31 0 0 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y SGIP Exempt Mth/y EG Exempt Mth/y | 0 MA): (61,319) 0 0 | 0 0 0 0 0 | 0 0 0 0 | 0 (61,319) 0 0 | (18,389) 0 0 0 | (1,429) 0 0 0 | (495,830) 345.2333333 0 0 0 | (497,259) 0 0 0 | (515,648) 0 0 0 | (515,64 (61,31 0 0 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITi urrent CARE Participants Mth/y FERA Participants Mth/y SGIP Exempt Mth/y EG Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y | 0 WA): (61,319) 0 0 0 (615) | 0 0 0 0 0 (7,093) | 0 0 0 0 | 0 (61,319) 0 0 | (18,389) 0 0 0 | (1,429) 0 0 0 | (495,830) 345.2333333 0 0 0 | (497,259) 0 0 0 | (515,648) 0 0 0 | (515,6 (61,31 0 0 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITi urrent CARE Participants Mth/y FERA Participants Mth/y SGIP Exempt Mth/y EG Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y | 0 MA): (61,319) 0 0 | 0 0 0 0 0 | 0 0 0 0 | 0 (61,319) 0 0 | (18,389) 0 0 0 | (1,429) 0 0 0 | (495,830) 345.2333333 0 0 0 | (497,259) 0 0 0 | (515,648) 0 0 0 | (61,31 0 0 0 (10,37 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y FERA Participants Mth/y EG Exempt Mth/y EG Exempt Mth/y Constitutionally Exempt Mth/y roposed CARE Participants Mth/y | 0 WA): (61,319) 0 0 0 (615) | 0 0 0 0 0 (7,093) | 0 0 0 0 0 (11) | 0 (61,319) 0 0 0 (7,719) | (18,389) 0 0 0 0 0 (2,653) | (1,429) 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 | (497,259) 0 0 0 0 | (515,648) 0 0 0 0 0 (2,653) | (61,31 0 0 0 (10,37 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y FERA Participants Mth/y SGIP Exempt Mth/y Constitutionally Exempt Mth/y roposed CARE Participants Mth/y FERA Participants Mth/y FERA Participants Mth/y | 0 MA): (61,319) 0 0 0 (615) | 0 0 0 0 0 (7,093) | 0 0 0 0 0 (11) | 0 (61,319) 0 0 (7,719) | (18,389) 0 0 0 0 (2,653) | (1,429) 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 0 0 | (497,259) 0 0 0 0 | (515,648) 0 0 0 0 (2,653) | (61,31 0 0 (10,37 |
| Ilocator for GHG charge: urrent .ess: GHG Charge Exempt Customers Mth/y oposed .ess: GHG Charge Exempt Customers Mth/y llocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent .ARE Participants Mth/y .ERA Participants Mth/y .GGIP Exempt Mth/y .Constitutionally Exempt Mth/y .Oposed .ARE Participants Mth/y .Oposed .ARE Participants Mth/y .ERA Participants Mth/y .ERA Participants Mth/y .CONSTITUTION OF THE PARTICIPANTS MTH/Y .ERA Participants Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y .GGIP Exempt Mth/y | 0 WA): (61,319) 0 0 0 (615) (54,559) | 0 0 0 0 0 (7,093) | 0 0 0 0 0 0 (11) | (61,319) 0 0 0 (7,719) (55,104) | (18,389) 0 0 0 0 0 (2,653) | (1,429) 0 0 0 0 0 | (495,830) 345.23333333 0 0 0 0 0 0 0 | (497,259) 0 0 0 0 0 | (515,648) 0 0 0 0 0 (2,653) | (61,31 0 0 (10,37 |
| Ilocator for GHG charge: Jurrent Jurr | 0 WA): (61,319) 0 0 (615) (54,559) 0 | 0 0 0 0 (7,093) | 0 0 0 0 0 (11) | (61,319) 0 0 0 (7,719) (55,104) 0 | (18,389) 0 0 0 0 (2,653) | (1,429) 0 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 0 0 0 0 | (497,259) 0 0 0 0 0 | (515,648) 0 0 0 0 0 (2,653) | (61,31 0 0 (10,37 |
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| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI Urrent CARE Participants Mth/y ERA Participants Mth/y GGIP Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y GGIP Exempt Mth/y CERA Participants Mt | (61,319) 0 0 0 (615) (54,559) 0 | 0 0 0 0 (7,093) (546) 0 | 0 0 0 0 0 (11) | (61,319) 0 0 (7,719) (55,104) 0 | (18,389) 0 0 0 0 (2,653) | (1,429) 0 0 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 0 0 0 0 0 0 | (497,259) 0 0 0 0 0 | (515,648) 0 0 0 0 (2,653) | (515,6 (61,3' 0 0 (10,3' (55,1(0 0 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITi urrent CARE Participants Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y Constitutionally Exempt Mth/y roposed CARE Participants Mth/y SGIP Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y SGIP Exempt Mth/y SGIP Exempt Mth/y Constitutionally Exempt Mth/y SGIP Exempt Mth/y Constitutionally Exempt Mth/y SIP Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y | (61,319) 0 0 0 (615) (54,559) 0 | 0 0 0 0 (7,093) (546) 0 | 0 0 0 0 0 (11) | (61,319) 0 0 (7,719) (55,104) 0 | (18,389) 0 0 0 0 (2,653) | (1,429) 0 0 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 0 0 0 0 0 0 | (497,259) 0 0 0 0 0 | (515,648) 0 0 0 0 (2,653) | (515,6 (61,3' 0 0 (10,3' (55,1(0 0 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y llocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y ERA Participants Mth/y EGE Exempt Mth/y Constitutionally Exempt Mth/y roposed CARE Participants Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y roposed CARE Participants Mth/y FERA Participants Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y | (61,319) 0 0 0 (615) (54,559) 0 0 0 (353) | 0 0 0 0 (7,093) (546) 0 0 | 0 0 0 0 (11) | (61,319) 0 0 (7,719) (55,104) 0 0 (7,171) | (18,389) 0 0 0 0 (2,653) 0 0 0 (2,083) | (1,429) 0 0 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 0 0 0 0 0 0 | (497,259) 0 0 0 0 0 | (515,648) 0 0 0 0 (2,653) | (515,6 (61,3' 0 0 (10,3' (55,1(0 0 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITi urrent DARE Participants Mth/y FERA Participants Mth/y SGIP Exempt Mth/y Constitutionally Exempt Mth/y Toposed CARE Participants Mth/y SGIP Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y GIP Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Constitutionally Exempt Mth/y Illocator for California Air Resources Board AB 32 Admin Fee: urrent Less: AB32Fees Exempt Customers Mth/y | (61,319) 0 0 0 (615) (54,559) 0 0 (353) | 0 0 0 0 (7,093) (546) 0 0 | 0 0 0 0 0 (11) | (61,319) 0 0 (7,719) (55,104) 0 0 (7,171) | (18,389) 0 0 0 0 (2,653) 0 0 0 (2,083) | (1,429) 0 0 0 0 0 0 0 0 0 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 0 0 0 0 (477,724) | (497,259) 0 0 0 0 0 | (515,648) 0 0 0 0 (2,653) | (515,6- (61,31 0 0 (10,37 (55,10 0 0 |
| urrent Less: GHG Charge Exempt Customers Mth/y roposed Less: GHG Charge Exempt Customers Mth/y Illocators for California Solar Iniative Thermal Memorandum Account (CSITI urrent CARE Participants Mth/y FERA Participants Mth/y SGIP Exempt Mth/y GG Exempt Mth/y Constitutionally Exempt Mth/y | (61,319) 0 0 0 (615) (54,559) 0 0 0 (353) | 0 0 0 0 (7,093) (546) 0 0 | 0 0 0 0 (11) 0 0 0 (6,818) | (61,319) 0 0 (7,719) (55,104) 0 0 (7,171) | (18,389) 0 0 0 0 (2,653) | (1,429) 0 0 0 0 0 0 0 0 0 0 0 0 0 | (495,830) 345,23333333 0 0 0 0 0 0 0 (477,724) | (497,259) 0 0 0 0 0 | (515,648) 0 0 0 0 (2,653) | (61,31 0 0 0 (10,37 |

Cost Allocation Model Results

2020 TCAP Application

Procedure:

#1) Input from Cost Allocation Tab

#2) Transition Adjustments by Year

#3) Transition Adjustments Added to Customer Cost - output to Cost Alloc tab

| | | Res | NGV | Core C&I | Total Core | Total NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | NCCI-D |
|---|-----------------|----------------|------------|----------|------------|------------|------------|------------|----------|------------------|-----------------|------------|
| #1) Input from Cost Allocation Tab | | | | | | | | | | | | |
| Customer Related Costs | | \$163,561 | \$24 | \$10.782 | \$174.366 | \$104 | \$121 | \$30 | \$151 | \$255 | \$174,622 | \$87 |
| Medium Pressure Distribution Costs | | \$61,989 | \$842 | \$23,115 | \$85,945 | \$1,250 | \$1,200 | \$454 | \$1,654 | \$2,904 | \$88,849 | \$1,250 |
| High Pressure Distribution Costs | | \$12,304 | \$264 | \$4,662 | \$17,230 | \$333 | \$277 | \$498 | \$775 | \$1,108 | \$18,338 | \$333 |
| Backbone Transmission Costs | \$40,564 | \$12,135 | \$853 | \$7,182 | \$20,169 | \$1,659 | \$1,051 | \$17,686 | \$18,736 | \$20,395 | \$40,564 | \$1,038 |
| Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Borrego | ΨΟ | \$0 \$0 | \$0 \$0 | \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| Core Seasonal Storage | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | | \$0 \$0 | \$0 \$0 | \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| NGV | | \$0 \$0 | \$647 | \$0 | \$647 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 | \$0 \$0 | \$647 | \$0 \$0 |
| Total Margin Allocation w/o SI, w/FAR, FF&U, Seas | \$40.564 | \$249,988 | \$2,630 | \$45,739 | \$298,357 | \$3,346 | \$2,649 | \$18,668 | \$21,317 | \$24,663 | \$323,020 | \$2,707 |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U | + -, | 77.4% | 0.8% | 14.2% | 92.4% | 1.0% | 0.8% | 5.8% | 6.6% | 7.6% | 100.0% | 0.8% |
| #2) Transition Adjustments by Year | | | | | | | | | | | | |
| Amount of Adjustments to include in Proposal 2020 TCA | ΛP | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| #3) Transition Adjustments Added to Customer Cos | t - output to C | Cost Alloc tab | | | | | | | | | | |
| Customer Related Costs | | \$163,561 | \$24 | \$10,782 | \$174,366 | \$104 | \$121 | \$30 | \$151 | \$255 | \$174,622 | \$87 |
| Medium Pressure Distribution Costs | | \$61,989 | \$842 | \$23,115 | \$85,945 | \$1,250 | \$1,200 | \$454 | \$1,654 | \$2,904 | \$88,849 | \$1,250 |
| High Pressure Distribution Costs | | \$12,304 | \$264 | \$4,662 | \$17,230 | \$333 | \$277 | \$498 | \$775 | \$1,108 | \$18,338 | \$333 |
| Backbone Transmission Costs | | \$12,135 | \$853 | \$7,182 | \$20,169 | \$1,659 | \$1,051 | \$17,686 | \$18,736 | \$20,395 | \$40,564 | \$1,038 |
| Local Transmission Costs | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Borrego | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Seasonal Storage | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NGV | | \$0 | \$647 | \$0 | \$647 | \$0 | \$0 | \$0 | \$0 | \$0 | \$647 | \$0 |
| Total Margin Allocation w/o SI, w/FAR, FF&U, Seaso | n Storage | \$249,988 | \$2,630 | \$45,739 | \$298,357 | \$3,346 | \$2,649 | \$18,668 | \$21,317 | \$24,663 | \$323,020 | \$2,707 |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF&U | as % total | 77.4% | 0.8% | 14.2% | 92.4% | 1.0% | 0.8% | 5.8% | 6.6% | 7.6% | 100.0% | 0.8% |

Cost Allocation Model Results

2020 TCAP Application

Procedure:

#1) Input from Cost Allocation Tab

#2) Transition Adjustments by Year

#3) Transition Adjustments Added to Customer Cost -

| | | | EG Tier 1 | EG Tier 2 | EG Tier 1 | EG Tier 2 | EG | | | | | |
|--|-------------|-----------------------------|--------------|------------|--------------|-------------|-------------|------------------|-------------|-----------|-------------|-------------|
| | NCCI-T | Total NCCI | Dist | Dist | Trans | Trans | Trans | Total EG | SOURCE | | _ | |
| #1) Input from Cost Allocation Tab | | | | | | | | | | | | |
| Customer Related Costs | \$18 | \$104 | \$116 | \$10 | \$5 | \$20 | \$25 | \$151 | Cost Alloca | tion Tab | | |
| Medium Pressure Distribution Costs | \$10 \$0 | \$104 \$1,250 | \$1,200 | \$454 | \$Э | \$20 \$0 | \$25 \$0 | \$1,654 | Cost Alloca | | | |
| High Pressure Distribution Costs | \$0 \$0 | \$333 | \$1,200 | \$498 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$1,054 \$775 | Cost Alloca | | | |
| Backbone Transmission Costs | \$621 | \$1,659 | \$871 | \$1,562 | \$179 | \$16,124 | \$16,303 | \$18,736 | Cost Alloca | | | |
| Local Transmission Costs | \$021 | \$1,039 \$0 | \$071 \$0 | \$1,302 | \$179 \$0 | \$10,124 | \$10,303 | \$10,730 | Cost Alloca | | | |
| Storage - Borrego | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | Cost Alloca | | | |
| Core Seasonal Storage | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | Cost Alloca | | | |
| Storage - Load Balancing | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | Cost Alloca | | | |
| NGV | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | Cost Alloca | | | |
| Total Margin Allocation w/o SI, w/FAR, FF&U, Seas | \$639 | ⊸ _Φ ∪ \$3,346 | \$2,464 | \$2,525 | \$184 | \$16,144 | \$16,328 | \$21,317 | COSt Alloca | illon rab | | |
| | | | | | | | | | | | | |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF& | 0.2% | 1.0% | 0.8% | 0.8% | 0.1% | 5.0% | 5.1% | 6.6% | NOOL D | NCCI-T | EG-T Tier 1 | EG-T Tier 2 |
| 42) Transition Adirectments by Verr | | | | | | | | | NCCI-D | | | |
| #2) Transition Adjustments by Year | | | | | | | | | 00/ | 17,569 | 5,074 | 456,289 |
| | | | | | | | | | 0% | 4% | 1% | 95% |
| Amount of Adjustments to include in Proposal 2020 T(| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | | | |
| Amount of Aujustinente to include in 1 Toposai 2020 TC | ΨΟ | ΨΟ | ΨΟ | ΨΟ | ΨΟ | ΨΟ | ΨΟ | ΨΟ | | | | |
| #3) Transition Adjustments Added to Customer Co | | | | | | | | | | | | |
| Customer Related Costs | \$18 | \$104 | \$116 | \$10 | \$5 | \$20 | \$25 | \$151 | | | | |
| Medium Pressure Distribution Costs | \$0 | \$1,250 | \$1,200 | \$454 | \$0 | \$0 | \$0 | \$1,654 | | | | |
| High Pressure Distribution Costs | \$0 | \$333 | \$277 | \$498 | \$0 | \$0 | \$0 | \$775 | | | | |
| Backbone Transmission Costs | \$621 | \$1,659 | \$871 | \$1,562 | \$179 | \$16,124 | \$16,303 | \$18,736 | | | | |
| Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | | | |
| Storage - Borrego | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | | | |
| Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | | | |
| Storage - Load Balancing | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | | | |
| NGV | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | | | |
| Total Margin Allocation w/o SI, w/FAR, FF&U, Seas | \$639 | \$3,346 | \$2,464 | \$2,525 | \$184 | \$16,144 | \$16,328 | \$21,317 | | | | |
| Total Margin Allocation w/o SI or Fuel Use, W/ FF& | 0.2% | 1.0% | 0.8% | 0.8% | 0.1% | 5.0% | 5.1% | 6.6% | | | | |

Cost Allocation Model Results

2020 TCAP Application

Procedure:

#1) Input from Cost Allocation Tab

#2) Transition Adjustments by Year

#3) Transition Adjustments Added to Customer Cost -

#1) Input from Cost Allocation Tab

Customer Related Costs

Medium Pressure Distribution Costs

High Pressure Distribution Costs

Backbone Transmission Costs

Local Transmission Costs

Storage - Borrego

Core Seasonal Storage

Storage - Load Balancing

NGV

Total Margin Allocation w/o SI, w/FAR, FF&U, Seas

Total Margin Allocation w/o SI or Fuel Use, W/ FF&

Total 478,932

100%

Amount of Adjustments to include in Proposal 2020 TC

#3) Transition Adjustments Added to Customer Co

Customer Related Costs

Medium Pressure Distribution Costs

#2) Transition Adjustments by Year

High Pressure Distribution Costs

Backbone Transmission Costs

Local Transmission Costs

Storage - Borrego

Core Seasonal Storage

Storage - Load Balancing

NGV

Total Margin Allocation w/o SI, w/FAR, FF&U, Seas

Total Margin Allocation w/o SI or Fuel Use, W/ FF&

Miscellaneous Inputs

2020 TCAP Application

Calculation of UnAccounted For Gas:

UAF Volumes Mth/yr 6,315 TCAP
System AYTP Mth/yr 1,109,315 Alloc Factors

 % UAF
 0.569%

 Citygate price \$/dth
 \$2.77

 UAF \$/yr
 \$1,748

Sempra Utilities Retail CORE Commodity Weighted-Average-Cost-of-Gas (SoCal Citygate) for Purchases

Gas Cost \$/dth \$2.77 TCAP 2020

BTU Factor

1.0397 Mbtu/cf Demand FC

1,040 Mbtu/mcf 1 th = 100,000 BTUs 1,000 Mth = 100,000MBTUs

Calculation of Brokerage Fee:

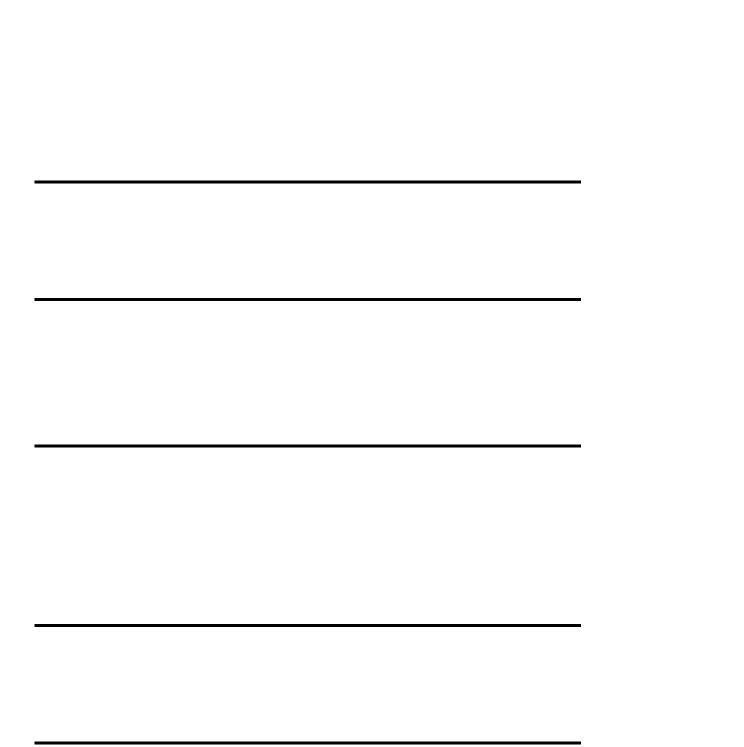
| | | TCAP | |
|------------------------------------|-------|-----------|-------|
| Core Broker Fee Rate \$/th | | \$0.00207 | |
| Core AYTP Mth/yr | | 473,212 | Sales |
| | | \$980 | |
| FFU | 2.29% | \$22 | |
| Core Broker Fee w/FFU \$000 | | \$1,002 | |
| Core Broker Fee Rate \$/th without | t FFU | \$0.00207 | |
| FFU | | 1.017 | |
| Core Broker Fee w/FFU \$/th | | \$0.00211 | |
| | | | |

Calculation of Company Use Other \$/therm:

Co Use Other usage (Mth) 466 TCAP D.16-10-004

 SoCal Citygate \$/th
 \$0.277

 Co Use \$000
 \$129



| FFU Rates & Example Calculation: | | SDGEgas | s Source | |
|--|----------|-----------|--------------|--|
| Gross Revenue Billed | | \$100.000 | 2016 GRC | |
| Uncollectable | 0.17400% | \$0.170 | 2016 GRC | |
| Franchise Rate | 2.07270% | \$2.073 | 2016 GRC | |
| Net Revenue | • | \$97.757 | - | |
| if I want this net revenue | | \$97.757 | | |
| Net to Gross= Gross Revenue/Net revenue = | | 102.2946% | | |
| then I need to bill this amount | - | \$100.000 | _ | |
| If I bill this amount | | \$100.00 | | |
| Gross-to-Net = Net Revenue/Gross Revenue | | 97.7569% | | |
| then I will get this net revenue | - | \$97.757 | _ | |
| If I bill this amount | | \$100.00 | | |
| Gross to Net = 1-(Net Revenue/Gross Revenue) = | | 2.2431% | | |
| then I will get this net revenue | - | \$97.757 | _ | |

SDG&E - Citygas Gas price for LUAF (\$/mmbtu)

SDG&E Core Procurement Price \$/th

| SoCal Border price | \$0.24430 |
|---|------------|
| Brokerage Fee | \$0.00207 |
| Subtotal | \$0.24637 |
| FFU | 102.2946% |
| Subtotal with FFU | \$0.25203 |
| Backbone Transmission Service \$/th/day | \$0.026245 |
| SDG&E Gas Procurement (\$/th) | \$0.27827 |

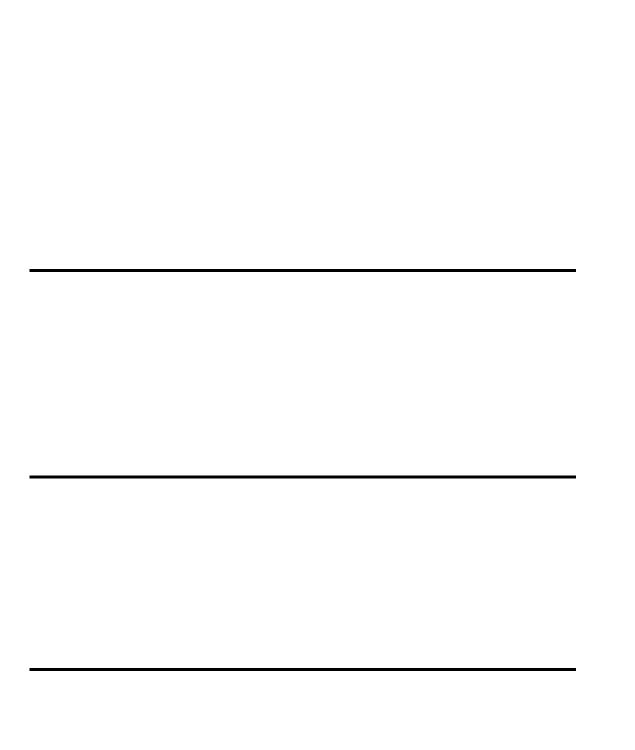
SDG&E - Gas price for G-CP for Residential Bill (\$/mmbtu)

SDG&E Core Procurement Price \$/th

| \$0.24430 |
|------------|
| \$0.00207 |
| \$0.24637 |
| 102.2946% |
| \$0.25203 |
| \$0.026245 |
| \$0.27827 |
| |

SDG&E AB 32 Admin Fees

Summary of Rate Adder Components



| AB32 Fees (subtracted from base margin and allocated here) | \$573 | \$0.00083 | 100% |
|--|-----------|-----------|------|
| Environmental Fee Memorandum Account EFMA | \$0 | \$0.00000 | 0% |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0.00000 | 0% |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0.00000 | 0% |
| Total | \$573 | | 100% |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | 687,435 | | |
| Rate Adder \$/th | \$0.00083 | \$0.00083 | |

AB 32 Admin Fee Components from Cost Alloc

| | Res | NGV | Core C&I | Total Core | NCCI |
|--|-----------|-----------|-----------|------------|-----------|
| AB32 Fees (subtracted from base margin and allocated here) | \$261 | \$20 | \$162 | \$443 | \$39 |
| Environmental Fee Memorandum Account EFMA | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$261 | \$20 | \$162 | \$443 | \$39 |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | 313,234 | 24,129 | 194,777 | 532,140 | 46,945 |
| Rate Adder \$/th | \$0.00083 | \$0.00083 | \$0.00083 | \$0.00083 | \$0.00083 |

AB 32 Admin Fee Components from NCCI Detail Alloc

| | NCCI-D | NCCI-T | Total Allocated to NCCI | Source |
|--|-----------|-----------|-------------------------|------------|
| AB32 Fees (subtracted from base margin and allocated here) | \$24 | \$15 | \$39 | Cost Alloc |
| Environmental Fee Memorandum Account EFMA | \$0 | \$0 | \$0 | Cost Alloc |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0 | \$0 | Cost Alloc |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | Cost Alloc |
| Total | \$24 | \$15 | \$39 | |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | 29,376 | 17,569 | 46,945 | Cost Alloc |
| Rate Adder | \$0.00083 | \$0.00083 | \$0.00083 | |

AB 32 Admin Fee Components from EG Detail Alloc

| | EG-D-T1 | EG-D-T2 | EG-T | Total EG |
|--|-----------|-----------|-----------|-----------|
| AB32 Fees (subtracted from base margin and allocated here) | \$20 | \$37 | \$33 | \$90 |
| Environmental Fee Memorandum Account EFMA | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 |
| Total | \$20 | \$37 | \$33 | \$90 |
| AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y | 24,560 | 44,206 | 39,584 | 108,350 |
| Rate Adder | \$0.00083 | \$0.00083 | \$0.00083 | \$0.00083 |

GHG Fees

Summary of Rate Adder Components

Rate Adder
System Total Contribution

| | | | | | | Total | |
|-----------|-----------|-----------|-----------|-----------|------------|-----------|--|
| | | | Total | System | F&U Amount | Allocated | |
| EG Tier 1 | EG Tier 2 | Total EG | NonCore | Total | \$000 | \$000 | |
| \$24 | \$66 | \$90 | \$129 | \$573 | \$13 | \$560 | |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| \$24 | \$66 | \$90 | \$129 | \$573 | \$13 | \$560 | |
| 29,391 | 78,959 | 108,350 | 155,294 | 687,435 | | | |
| \$0.00083 | \$0.00083 | \$0.00083 | \$0.00083 | \$0.00083 | <u> </u> | | |

Source

Cost Alloc

Cost Alloc

Cost Alloc

Cost Alloc

Cost Alloc

| Total | \$0 | |
|--|-----------|-----------|
| AYTP Mth/yr GHG Fee Non-Exempt Customers Mth/y | 593,667 | |
| Rate Adder \$/th | \$0.00000 | \$0.00000 |

GHG Fee Components from Cost Alloc

| | Res | NGV | Core C&I | Total Core | NCCI |
|--|-----------|-----------|-------------------------|------------|-------------------|
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 |
| AYTP Mth/yr GHG Fee Non-Exempt Customers Mth/y | 313,234 | 24,129 | 194,777 | 532,140 | 28,556 |
| Rate Adder \$/th | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| GHG Fee Components from NCCI Detail Alloc | | | | | |
| | NCCI-D | NCCI-T | Total Allocated to NCCI | | Source |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | | NCCI Detail Alloc |
| Total | \$0 | \$0 | \$0 | | |
| AYTP Mth/yr GHG Fee Non-Exempt Customers Mth/y | 27,694 | 862 | 28,556 | | NCCI Detail Alloc |
| Rate Adder | \$0.00000 | \$0.00000 | \$0.00000 | - = | |
| GHG Fee Components from EG Detail Alloc | | | | | |
| | EG-D-T1 | EG-D-T2 | EG-T | Total EG | |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | |
| Total | \$0 | \$0 | \$0 | \$0 | |
| AYTP Mth/yr GHG Fee Non-Exempt Customers Mth/y | 23,450 | 4,665 | 4,857 | 32,971 | |
| Rate Adder | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | _ |

| | | | | | | Total | |
|-----------|-----------|-----------|-----------|-----------|------------|-----------|---|
| | | | Total | System | F&U Amount | Allocated | |
| EG Tier 1 | EG Tier 2 | Total EG | NonCore | Total | \$000 | \$000 | |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| 28,307 | 4,665 | 32,971 | 61,527 | 593,667 | | | |
| \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | | | • |

Source EG Detail Alloc

EG Detail Alloc

SDG&E Residential Rate Design 2020 TCAP Application

Procedure:

Calculate revenue from GR rate

Calculate BL rate given total revenue, BL & NBL volumes and NBL/BL ratio

RESULTS of Resid Rate:

| | Customer Charge/ Minimum bill \$/mo | BL \$/th | NBL \$/th | Average Volumetric Rate \$/th | # Customers/Res Units of MM Cust | BL Volume mth/y | NBL Volume mth/yr | Total Volume mth/yr | Customer Charge or Minimum Bill \$000/yr | BL revenue \$000/yr | NBL Revenue \$000/yr | Total Volumetric Revenue \$000/yr | Total Revenue \$000/yr |
|---|--|-----------|-----------|--|---|--------------------|-------------------------|--|---|---------------------------|-------------------------|--|------------------------------|
| Res (Schd GR) | \$10.00 | \$0.48617 | \$1.07317 | \$0.59482 | 874,067 | 255,260 | 57,974 | 313,234 | \$104,888 | \$124,101 | \$62,217 | \$186,318 | \$291,206 |
| Submeter Credit \$/unit/da Submeter Credit \$/unit/da Borrego Revenue Employee Discount (Scho SDFFD | ay (Schd GT) | | | (\$0.26499) (\$0.28570) | , | | | | | | | (\$569) (\$2,722) \$65 (\$367) \$1,330 | ٠, , |
| CAT Adder CSITMA Adder CARB Adder GHG Adder | | | | \$0.00000 \$0.00318 \$0.00083 \$0.00000 | | | | 2,253 258,322 313,234 319,982 | | | | \$0 \$822 \$261 \$0 | \$0 \$822 \$261 \$0 |
| Total Residential | | | | ' | | | | | | | | I | \$290,025 |

| Volumetric Revenue and Volu | ımes Calcula | ation | | Source | |
|--|--------------|-------------------------------------|--------------------------|------------------------|--|
| Total Res Rev \$000 | | \$290,025 | | Cost Alloc | |
| less CAT adder costs | | \$0 | | Cost Alloc | |
| less CSITMA adder costs | | (\$822) | | Cost Alloc | |
| less CARB adder costs | | (\$261) | | Cost Alloc | |
| less GHG adder costs | | \$0 | | Cost Alloc | |
| less Borrego \$000 | | (\$65) | | Borrego | |
| plus Employee Discount \$000 | | \$367 | | 2017 Actual | |
| plus Submeter Credit GS | | \$569 | | | |
| plus Submeter Credit GT | _ | \$2,722 | | | |
| | _ | \$292,535 | | | |
| less SDFFD | 0.455% | (\$1,330) | | SDFFD | |
| Tot. Rev from GR Rate less customer charge rev Vol. Rev from GR Rate | - : | \$291,206 \$104,888 \$186,318 | | | |
| BL Vols Mth/yr NBL Vols Mth/yr GR Volumes Mth/yr | 81.5% - | 255,260 57,974 313,234 | | Alloc Factors | |
| 2020 TCAP Res Vols: BL NBL Total | - | 221,963 50,412 272,375 | 81.5% 18.5% 100.0% | 2020 TCAP 2020 TCAP | |

| Commodity Rate = \$/th total vols Mth/yr Commodity Rev Transport Rev Total rev | \$0.27687 313,234 \$86,726 \$186,318 | Misc Inputs |
|---|---|--|
| NBL/BL Composite Rate Ratio | 1.15 | 2016 TCAP |
| Composite Rate \$/th | \$1.17395 | |
| NBL rate w/commodity = | \$1.35005 | NBL rate =1.15* composite rate BL rate |
| BL rate w/o commodity = | \$0.48617 | |
| NBL rate w/o commodity = | \$1.07317 | |
| Verify Total Revenue: | | |
| Cst. Chg. Revenue | \$104,888 | |
| BL Revenue | \$124,101 | |
| NBL Revenue | \$62,217 | _ |
| | \$291,206 | - |
| plus CAT adder | \$0 | |
| plus CSITMA adder | \$822 | |
| plus CARB adder costs | \$261 | |
| plus GHG adder costs | \$0 | |
| plus Borrego | \$65 | |
| less employee discount | (\$367) | |
| less Submeter Credit GS | (\$569) | |
| less Submeter Credit GT | (\$2,722) | |
| plus SDFFD | \$1,330 | |
| total res reve | \$290,025 | _ |
| verify revenue | \$0 | _ |
| Target | | |

| Calculate Submeter Credit Revenues: | _ | Sched GS, MultiFamily | Sched GT, Mobilehome | | | |
|---------------------------------------|------------------|--------------------------|-------------------------|---------------|---------|--------------|
| Based on Current Rate: | | | | | | |
| Number of Res Units Behind Master Me | eter Customer | 5,879 | 26,104 | 2017 Recorded | | |
| Number of Master Meter Customers | _ | 224 | 227 | 2017 Recorded | | |
| Number of Res Units per Master Meter | Customer | 26 | 115 | | | |
| Number of Master Meter Customers-Fo | recast | 224 | 227 | 2017 Recorded | | |
| Number of Res Units Behind Master Me | eter Customers-F | 5,879 | 26,104 | | | |
| Submeter Credit, \$/day/unit | | (\$0.26499) | (\$0.28570) | 2020TCAP SubN | 1tr Cr | |
| Number of days for subMeter CR = | | 365 | 365 | | | |
| Submeter Credit Revenues \$000/yr = | | (\$569) | (\$2,722) | | | |
| | | | | | | |
| Calculation of CAT Adder: | | | Source | | | |
| Costs allocated to Res class \$000 | \$0 | | Cost Alloc | | | |
| CAT Volumes Mth | 2,253 | | Alloc Factors | | | |
| | \$0.00000 | | | | | |
| | | | | | | |
| Calculation of CSITMA Adder, Decision | 10-01-022 Januai | ry 21, 2010 | Source | | | |
| Costs allocated to Res class \$000 | \$822 | | Cost Alloc | | | |
| Non Care/FERA Res Volumes Mth/yr | 258,322 | | Misc Inputs | | | |
| | \$0.00318 | | | | | |
| | | | | | | |
| Calculation of CARB Adder: | | | Source | | | |
| Costs allocated to Res class \$000 | \$261 | | Cost Alloc | | | |
| Volumes Mth | 313,234 | | Alloc Factors | | | |
| | \$0.00083 | | | | | |
| | | | | | | |
| Calculation of GHG Adder: | | | Source | | | |
| Costs allocated to Res class \$000 | \$0 | | Cost Alloc | | | |
| Volumes Mth | 319,982 | | Alloc Factors | | | |
| | \$0.00000 | | | | | |
| | | | | | | |
| | | | | | Minimum | |
| M: : D:1/O | 0464.555 | | | | Charge | 2002 = 2 : = |
| Minimum Bil/Customer Charge Revenue | \$104,888 | | | | \$1,041 | 2020 TCAP |
| 0.1.01 | | | | | | |
| Customer Charge | | | | | | |
| # of customers | 874,067 | | | | | |
| Customer Charge | \$10 | | | 1040.58589 | | |
| Total Customer charge (\$000) | \$104,888 | | | | | |

SDG&E 2020 TCAP FILING CALCULATION OF LNG SERVICE RATES San Diego Gas & Electric

| | 2017 | 2017 | | | _ | | | |
|---|-----------|----------|-------------------|-----------|-------------------|------------------|------------|-------------|
| | Billing | Borrego | | nt Rates | Propose | | Ch a a a a | C |
| | Months | Volumes | Rates \$/therm | Revenues | Rates \$/therm | Revenues \$'s | Change | Source |
| WACOG | | (therms) | \$0.27687 | \$'s | \$0.27687 | φѕ | | Misc Inputs |
| GR Baseline w/o WACOG | | | \$0.86668 | | \$0.48617 | | | Rate Tables |
| GR NBL w/o WACOG | | | \$1.04355 | | \$1.07317 | | | Rate Tables |
| SICHBE W/O W/1000 | | | ψ1.0 1000 | | Ψιιονοιν | | | rato rabioo |
| GR Baseline w/wacog | 2,788 | 40,666 | \$1.14355 | \$46,504 | \$0.76305 | \$31,030 | | 2020 TCAP |
| GR NBL w/wacog | | 20,709 | \$1.32042 | \$27,345 | \$1.35005 | \$27,958 | | 2020 TCAP |
| GR-LI BL | 727 | 12,646 | \$0.91484 | \$11,569 | \$0.61044 | \$7,720 | | 2020 TCAP |
| GR-LI NBL | | 1,918 | \$1.05634 | \$2,026 | \$1.08004 | \$2,072 | | 2020 TCAP |
| GR total | 3,515 | 75,939 | \$1.15149 | \$87,443 | | \$68,779 | (\$18,664) | |
| | | | | | | | | |
| | | | <u>Present</u> | | <u>Proposed</u> | | | |
| GL-1 Facility Charge (\$/mo.) | | 3,515 | \$14.79 | \$51,988 | \$14.79 | \$51,988 | 0.0% | |
| GL-1 Surcharge \$/th | | 75,939 | \$0.16571 | \$12,583 | \$0.16571 | \$12,583 | 0.0% | |
| | | | | \$64,572 | | \$64,572 | | |
| | | | | | | | | |
| GL-1 Total | | | | \$64,572 | | \$64,572 | 0.0% | |
| LNGSTA Tracking Acct Balance | | | _ | \$0 | _ | | | |
| Grand Total (\$) | | | | \$152,015 | | \$133,351 | | |
| divided by Gas Volumes (therms) | | | _ | 75,939 | _ | 75,939 | | |
| = Average LNG Rate \$/therm | | | | \$2.00181 | | \$1.75603 | | |
| %Change from Present Rates | | | | | | -12.3% | | |
| Grand Total (\$) | | | | \$152,015 | | \$133,351 | | |
| divided by Billing Months | | | | 3,515 | | 3,515 | | |
| = Average Gas LNG Service Bill \$/bill | | | - | \$43.25 | _ | \$37.94 | | |
| plus Electric Service Bill \$/bill | | | _ | \$93.64 | _ | \$93.64 | | 2020 TCAP |
| = Total Service Bills \$/bill | | | | \$136.88 | | \$131.57 | | |
| less All-Electric Service Bill for Borreg | o \$/bill | | _ | \$118.07 | _ | \$118.07 | | 2020 TCAP |
| Difference from All-Electric Bill | | | | \$18.81 | | \$13.50 | | |
| %Change from All-Electric | | | | 15.9% | | 11.4% | | |
| %Change, Total Bill | | l | | 0.0% | | | | |

SDG&E Core C&I Rates

2020 TCAP Application

Procedure

Calculate Customer Charge Revenue

Calculate Volumetric Revenue by Tiers

Volumentric revenue = Total Revenue less Customer Charge revenue difference in rate tiers based on proportional difference in existing tiers

| Results | | Rate \$/mo or \$/th | # Customers | AYTP mth/yr | revenue \$000/yr | Source |
|-----------------------|-------------------------|------------------------|-------------|-------------|---------------------|---------------|
| Customer Ch | narge | \$10.00 | 30,937 | | \$3,712 | Alloc Factors |
| TIER 1 | 0-1000 th/mo | \$0.39272 | | 87,627 | \$34,413 | |
| TIER 2 | 1001-21k th/mo | \$0.23099 | | 88,939 | \$20,544 | |
| TIER 3 | > 21k th/mo | \$0.18530 | | 18,211 | \$3,375 | |
| | | | | | | <u> </u> |
| Total Volum | netric | \$0.29948 | | 194,777 | \$58,332 | |
| Total Volume SDFFD | etric & Customer Charge | \$0.31854 | | 194,777 | \$62,044 \$360 | |
| Cat Adder | \$/th | \$0.00000 | | 39,978 | \$0 | Alloc Factors |
| CSITMA Ac | dder \$/th | \$0.00318 | | 187,959 | \$598 | Alloc Factors |
| Total CCI | | \$0.32346 | | 194,777 | \$63,002 | _ |

Calculation of Volumetric Rates

| | % difference from Tier 1 | Forecast Vol | Vol Rate Base Margin Items | Vol Rev Base Margin Items \$000 | Vol Rate NonBase Margin Items | Total Vol | Total Vol | Sauraa | |
|--------|-----------------------------|--------------|-------------------------------|---------------------------------------|-------------------------------------|------------|-----------|--------|--|
| | from Her 1 | Mth/yr | \$/th | | \$/th | Rate \$/th | Rev \$000 | Source | |
| Tier 1 | | 87,627 | \$0.28570 | \$25,035 | \$0.10702 | \$0.39272 | \$34,413 | | |
| Tier 2 | 43% | 88,939 | \$0.12397 | \$11,026 | \$0.10702 | \$0.23099 | \$20,544 | | |
| Tier 3 | 27% | 18,211 | \$0.07829 | \$1,426 | \$0.10702 | \$0.18530 | \$3,375 | _ | |
| | | 194,777 | | \$37,487 | | \$0.29948 | \$58,332 | _ | |

| Total Allocated Base Margin Costs less customer charge revenue Plus Non-ECPT items Target Vol Rev \$000 = Vol revenue Check should be \$0 | | \$40,147 (\$3,712) \$1,053 \$37,487 \$0 | - |
|---|---------------|---|------------|
| Total Allocated Costs less SDFFD | 0.571% | \$63,002 \$360 | Cost Alloc |
| Subtotal Allocated Costs | | \$62,642 | _ |
| Total Allocated Base Margin Costs | | \$40,147 | Cost Alloc |
| Less CAT costs \$000 | | \$0 | Cost Alloc |
| Less CSITMA Adder \$/th | | \$598 | Cost Alloc |
| Total Allocated NonBase Margin Co | osts | \$20,844 | _ |
| Forecast AYTP Mth/yr | | 194,777 | _ |
| Volumetric Rate for NonBaseMargi | n Items \$/th | \$0.10702 | |

Notes:

Rate 1 = [((1*volume1) + *(1*tier 2 % difference*Volume2) + (1*tier 3 % difference*Volume3))*(1/volumetric revenue)]^-1

Rate 2 = Rate 1 * % difference from tier 1

Rate 3 = Rate 1 * % difference from tier 1

Volumetric rates are calculated in 2 parts:

part 1 = base margin less customer charge revenue and is spread amongst the tiers based on current rates.

part 2 = non base margin items and is the same rate for each tier.

Calculation of AYTP by Tier & Band Mth/year

| | | | TIER 3 | TIER 4 | TIER 5 | TIER 6 | | | |
|--|--------|-------------------------|-----------------|----------------------|-----------------------|---------------------|--------------------|---------|---------------|
| | TIER 1 | TIER 2 101-250 th/mo | 251-1k th/mo | 1,001-4,167 th/mo | 4,168-12,500 th/mo | 12,501-21k th/mo | TIER 7 > 21k th/mo | TOTAL | Source |
| 017 Recorded Annual Data Normalized to | | | ui/iiio | tii/iiio | tii/iiio | ui/iiio | > 2 IK (II/IIIO | IOTAL | Source |
| Band 1 0-100 th/yr | 254 | 0 | 0 | 0 | 0 | 0 | 0 | 254 | 2017 Data |
| Band 2 101-300 th/yr | 774 | 7 | 0 | 0 | 0 | 0 | 0 | | 2017 Data |
| Band 3 301-3k th/yr | 5,614 | 2,672 | 815 | 14 | 0 | 0 | 0 | | 2017 Data |
| Band 4 3,001-12k th/yr | 6,834 | 9,859 | 19,908 | 1,165 | 19 | 0 | 0 | , | 2017 Data |
| Band 5 12,001-50k th/yr | 2,670 | 3,977 | 19,136 | 23,532 | 1,085 | 48 | 8 | , | 2017 Data |
| Band 6 50,001-250k th/yr | 552 | 827 | 4,114 | 16,599 | 20,016 | 4,192 | 911 | , | 2017 Data |
| Band 7 > 250k th/yr | 68 | 103 | 513 | 2,164 | 5,628 | 5,413 | 15,436 | | 2017 Data |
| Therm Totals | 16,766 | 17,445 | 44,486 | 43,474 | 26,748 | 9,653 | 16,355 | 174,926 | |
| 014 Recorded Annual Data as % of Total | | | | | | | | | |
| Band 1 0-100 th/yr | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.1% | |
| Band 2 101-300 th/yr | 0.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.4% | |
| 3and 3 301-3k th/yr | 3.2% | 1.5% | 0.5% | 0.0% | 0.0% | 0.0% | 0.0% | 5.2% | |
| Band 4 3,001-12k th/yr | 3.9% | 5.6% | 11.4% | 0.7% | 0.0% | 0.0% | 0.0% | 21.6% | |
| Band 5 12,001-50k th/yr | 1.5% | 2.3% | 10.9% | 13.5% | 0.6% | 0.0% | 0.0% | 28.8% | |
| Band 6 50,001-250k th/yr | 0.3% | 0.5% | 2.4% | 9.5% | 11.4% | 2.4% | 0.5% | 27.0% | |
| Sand 7 > 250k th/yr | 0.0% | 0.1% | 0.3% | 1.2% | 3.2% | 3.1% | 8.8% | 16.8% | |
| herm Totals | 9.6% | 10.0% | 25.4% | 24.9% | 15.3% | 5.5% | 9.3% | 100.0% | - |
| Forecasted AYTP Mth/yr | | | | | | | | 404 777 | Allas fastara |
| Forecasted AYTP for CCI class th/yr | | | | | | | | 194,777 | Alloc factors |
| Band 1 0-100 th/yr | 283 | 0 | 0 | 0 | 0 | 0 | 0 | 283 | |
| and 2 101-300 th/yr | 862 | 8 | 0 | 0 | 0 | 0 | 0 | 870 | |
| Band 3 301-3k th/yr | 6,251 | 2,975 | 908 | 15 | 0 | 0 | 0 | 10,149 | |
| Band 4 3,001-12k th/yr | 7,609 | 10,978 | 22,167 | 1,297 | 21 | 0 | 0 | 42,073 | |
| Band 5 12,001-50k th/yr | 2,973 | 4,428 | 21,307 | 26,202 | 1,208 | 54 | 9 | 56,181 | |
| Band 6 50,001-250k th/yr | 614 | 921 | 4,581 | 18,483 | 22,287 | 4,668 | 1,014 | 52,568 | |
| Band 7 > 250k th/yr | 76 | 114 | 571 | 2,410 | 6,267 | 6,027 | 17,188 | 32,654 | _ |
| otal Forecast AYTP Mth/yr | 18,668 | 19,424 | 49,535 | 48,407 | 29,783 | 10,749 | 18,211 | 194,777 | - |
| Combine Tiers 1+2+3; 4+5+6; 7 | | | | | | | | | |
| otal Forecast AYTP Mth/yr | 87,627 | | | 88,939 | | | 18,211 | 194,777 | |

Calculation of # Customers by Tier & Band

| | TIER 1 | TIER 2 | TIER 3 251-1k | | TIER 5 4,168-12,500 | • | TIER 7 | TOTAL | _ |
|---|----------------|--------------|------------------|--------|------------------------|-------|-------------|---------|-------------------|
| # of Contamon Billshoon in 2017 | 0-100 th/mo 10 | 01-250 tn/mo | th/mo | th/mo | th/mo | th/mo | > 21k th/mo | TOTAL | Source |
| # of Customer Bills/year in 2017 | 44.070 | 0 | 0 | 0 | 0 | 0 | 0 | 44.070 | 0000 TOAD |
| Band 1 0-100 th/yr | 44,079 | 0 | 0 | 0 | 0 | 0 | 0 | , | 2020 TCAP |
| Band 2 101-300 th/yr | 42,254 | 289 | 3 | 0 | 0 | 0 | 0 | | 2020 TCAP |
| Band 3 301-3k th/yr | 52,573 | 27,102 | 6,246 | 51 | 0 | 0 | 0 | , | 2020 TCAP |
| Band 4 3,001-12k th/yr | 2,069 | 4,534 | 59,143 | 3,729 | 11 | 0 | 0 | , | 2020 TCAP |
| Band 5 12,001-50k th/yr | 188 | 217 | 2,945 | 22,429 | 1,012 | 6 | 3 | , | 2020 TCAP |
| Band 6 50,001-250k th/yr | 10 | 8 | 54 | 690 | 3,753 | 832 | 178 | , | 2020 TCAP |
| Band 7 > 250k th/yr | 1 | 0 | 0 | 1 | 18 | 79 | 586 | | _2020 TCAP |
| Total # bills/year | 141,174 | 32,150 | 68,391 | 26,900 | 4,794 | 917 | 767 | 275,093 | |
| 2010 Recorded Data as % of Total | | | | | | | | | |
| Band 1 0-100 th/yr | 16.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 16.0% |) |
| Band 2 101-300 th/yr | 15.4% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 15.5% |) |
| Band 3 301-3k th/yr | 19.1% | 9.9% | 2.3% | 0.0% | 0.0% | 0.0% | 0.0% | 31.3% |) |
| Band 4 3,001-12k th/yr | 0.8% | 1.6% | 21.5% | 1.4% | 0.0% | 0.0% | 0.0% | 25.3% |) |
| Band 5 12,001-50k th/yr | 0.1% | 0.1% | 1.1% | 8.2% | 0.4% | 0.0% | 0.0% | 9.7% |) |
| Band 6 50,001-250k th/yr | 0.0% | 0.0% | 0.0% | 0.3% | 1.4% | 0.3% | 0.1% | 2.0% |) |
| Band 7 > 250k th/yr | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.2% | 0.2% |) |
| | 51.3% | 11.7% | 24.9% | 9.8% | 1.7% | 0.3% | 0.3% | 100.0% | - ' |
| Forecasted # Customers Forecasted # Customers for CCI class | | | | | | | | 30,937 | Alloc factors |
| Band 1 0-100 th/yr | 4,957 | 0 | 0 | 0 | 0 | 0 | 0 | 4,957 | |
| Band 2 101-300 th/yr | 4,752 | 33 | 0 | 0 | 0 | 0 | 0 | 4,785 | |
| Band 3 301-3k th/yr | 5,912 | 3,048 | 702 | 6 | 0 | 0 | 0 | 9,668 | |
| Band 4 3,001-12k th/yr | 233 | 510 | 6,651 | 419 | 1 | 0 | 0 | 7,814 | |
| Band 5 12,001-50k th/yr | 21 | 24 | 331 | 2,522 | 114 | 1 | 0 | 3,014 | |
| Band 6 50,001-250k th/yr | 1 | 1 | 6 | 78 | 422 | 94 | 20 | 621 | |
| Band 7 > 250k th/yr | 0 | 0 | 0 | 0 | 2 | 9 | 66 | 77 | |
| Total Forecast # Customers | 15,876 | 3,616 | 7,691 | 3,025 | 539 | 103 | 86 | 30,937 | - |
| Combine Tiers 1+2+3; 4+5+6; 7 | | | | | | | | | |
| Total Forecast # Customers | 27,183 | | | 3,667 | | | 86 | 30,937 | |

SDGE NGV Cost Allocation

2020 TCAP Application

Procedure:

Rates based on allocated costs divided by AYTP.

SW rate based on combined allocated costs divided by combined AYTP.

| Calculation of Costs Allocated to NGV: | | | Source |
|--|--------|---------|------------|
| NGV Revs on a Pre-Semprawide Basis | | \$3,515 | Cost Alloc |
| Less Compression Costs | | \$647 | Cost Alloc |
| Less SDFFD | 0.193% | \$7 | |
| Less CSITMA Adder \$/th | | \$75 | Cost Alloc |
| Less CARB Adder \$/th | | \$20 | Misc Input |
| Less GHG Adder \$/th | | \$0 | Misc Input |
| Total Transport Rev | | \$2,766 | |

Pre SW Calculation of Compression Adder Rate:

| Pre SW Compression Adder Rate \$/th | \$1.03005 | |
|-------------------------------------|-----------|-----------|
| Compression Volumes mth/yr | 628 | 2020 TCAP |
| EC Compression Costs | \$647 | |

| Calculation of Customer Charge Revenue: | P-1 | P-2A | Total | Source |
|---|---------|---------|---------|--------------------------|
| # Customers | 15 | 13 | 28 | 2020 TCAP/ Alloc Factors |
| Customer Charge \$/mo | \$13.00 | \$65.00 | \$37.46 | |
| Customer Charge Revenue \$000 | \$2 | \$10 | \$12 | |

| Pre-SW Calculation of NGV Transportation Rate: | | Source |
|--|-----------|---------------|
| Total Transport Rev Stand Alone | \$2,766 | |
| Less Customer Charge revenue \$000/yr | \$12 | |
| Volumetric Revenue \$000/yr | \$2,754 | |
| Transportation volumes mth/yr | 24,129 | Alloc Factors |
| Pre-SW NGV Transportation Rate \$/th | \$0.11413 | |

| Post SW Rates: | Uncompressed | Compressed | Total | |
|------------------------------------|--------------|------------|-----------|----------------------------------|
| SW Volumetric Rate w/FFU \$/th | \$0.12583 | \$1.04809 | \$0.14923 | Run Tab - SCG RD model/NGV Rates |
| AYTP Mth/yr | 24,129 | 628 | 24,757 | |
| SW Volumetric Revenue w/FFU \$000 | \$3,036 | \$659 | \$3,695 | |
| plus Customer Charge Revenue w/FFU | \$12 | | \$12 | |
| Post SW Revenue w/FFU | \$3,048 | \$659 | \$3,707 | |
| Pre SW Revenue w/FFU | \$2,766 | \$647 | \$3,413 | |
| SW Adjustment w/FFU | \$282 | \$11 | \$294 | |

Calculation of SDG&E Residential NGV Fuelmaker Rates

| | | # Res Customers | | |
|-----------------------|-----------|-----------------|-------------|------------------|
| Results of Res Data: | Rate | with Fuel Maker | AYTP Mth/yr | Revenue \$000/yr |
| Customer Charge \$/mo | \$5.00 | 15 | | \$1 |
| Volumetric Rate \$/th | \$1.72275 | | 9 | \$16 |
| | | | | \$17 |

| Calculation of Total Revenue from Res Customers with FM: | | Source |
|---|----------------|---------------|
| Res Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, TLS \$000/yr | \$290,025 | Cost Alloc |
| less CSITMA adder costs | (\$822) | |
| less CARB adder costs | (\$261) | |
| less GHG adder costs | \$0 | |
| | \$288,942 | |
| # Res Customers | 874,067 | Alloc Factors |
| Residential Cost = \$/Customer/year | \$331 | |
| Additional cost for FM = \$/customer/year | <u>\$1,418</u> | |
| Total cost for Res customer with FM = \$/customer/yr | \$1,749 | |
| Total # FM customers | <u>15</u> | |
| Total Revenue from Res Customers with FM=\$000 | \$26 | |
| # Res Customers with FM | 15 | |
| Customer Charge = \$/mo | \$5.00 | |
| Customer Charge Revenue = \$000/yr | \$1 | |
| Volumetric Revenue from Res Customers with FM=\$000 | \$25 | |
| Total Mth/year of Res Customers with FM=Mth/yr | 15 | |
| Vol Transport Rate for Res Customer with FM=\$/th | \$1.72275 | |

| Calculation of Total Mth/year of Res Customers with Fuel Maker ("FM"): | | Source |
|--|---------|---------------|
| Average Residential Th/year: | | |
| Total Residential AYTP=Mth/yr | 313,234 | Alloc Factors |
| # Residential Customer | 874,067 | Alloc Factors |
| Average Residential Th/year | 358 | |
| Additional Th/year for FM: | | |
| Total Fuel Maker Mth/yr | 9 | |
| Total # Fuel Maker customers | 15 | |
| Additional Th/year for Fuel Maker | 622 | |
| Total Th/year for Res Customer with FM = th/yr | 980 | |
| Total # FM customers | 15 | |
| Total Mth/year of Res Customers with FM=Mth/yr | 15 | |

| Calculation of FM therms/year and # FM Customers: | | Source |
|---|-------|-----------|
| FM Usage Per Day Per Home (therm/day) | 1.70 | 2016 Data |
| x avg #days/month | 30.42 | |
| FM Usage Per Day Per Home (therm/month) | 51.83 | |
| Total # Res Customers | | |
| % of Res. Households Having NGV refueling at home | | |
| Total # FM customers | 15 | 2016 Data |
| Total FM Mth/yr | 9.33 | |
| Daily FM volume | 0.03 | |
| Monthly FM volume | 0.78 | |

| Calculation of Additional cost for FM = \$/customer/year: | Additional cost for FM | Source |
|---|------------------------|-----------------------|
| Incremental Customer Costs \$000/yr | | |
| One Time Billing System Costs \$000 | \$100 | |
| Amortization period = years | 5 | |
| Incremental Customer Costs \$000/yr | \$20 | - |
| Incremental MPD Costs \$000/yr | | |
| Res CYPD Mth/d | 2,944 | Alloc Factors |
| FM Est Peak Day Mth/d | 0.0 | |
| FM CYPD as % Res CYPD | 0.00% | |
| Res MPD Costs \$000 | \$61,989 | Cost Allocation |
| Total MPD Costs \$000 | \$1 | - |
| Incremental HPD Costs \$000/yr | | |
| Res CYPM Mth/mo | 50,188 | Alloc Factors |
| FM Est Peak Day Mth/d: | | |
| FM Est CYPM Mth/mo | 1 | |
| FM CYPM as % Res CYPM | 0.00% | |
| Res HPD Costs \$000 | \$12,304 | Cost Allocation |
| Total HPD Costs (\$1,000) | \$0 | |
| Incremental BBT Costs for FM \$000/yr | w/SI | |
| Res CYTP Mth/yr | 343,408 | Alloc Factors |
| FM Est Peak CYTP Mth/d | 9 | Use AYTP of FM market |
| FM CYTP as % Res CYTP | 0.00% | |
| Res BBT Costs w/SI \$000 | \$0 | Cost Allocation |
| Incremental BBT Costs \$000 | \$0 | - |
| | | |
| Incremental Local-T Costs for FM \$000/yr: | 50.400 | All F (|
| Res CYPM Mth/mo | 50,188 | Alloc Factors |
| FM Est CYPM Mth/mo | 1 | Use AYTP of FM market |
| FM CYPM as % Res CYPM | 0.00% | Cook Allocation |
| Res Local-T Costs w/SI \$000 | \$3,418 | Cost Allocation |
| Incremental Local-T costs \$000 | \$0 | |

| Incremental Storage Costs - Seasonal for FM \$000/yr: Res CYPD Mth/d FM Est Peak Day Mth/d: | 2,944 | Alloc Factors |
|---|---------|-----------------|
| FM Est Peak Day Mth/d | 0.0 | |
| FM Peak Day as % Res Peak Day | 0.00% | |
| Res Stoarage Costs - Seasonal \$000 | \$0 | Cost Allocation |
| Storage Costs - Seasonal for FM \$000 | \$0 | |
| | | |
| Incremental Storage Costs - Load Balancing for FM \$000/yr: | | |
| Res AYTP Mth/y | 313,234 | Alloc Factors |
| FM Est AYTP Mth/y | 9 | |
| FM Peak Day as % Res Peak Day | 0.00% | |
| Res Stoarage Costs - Load Balancing \$000 | \$0 | Cost Allocation |
| Storage Costs - Load Balancing for FM \$000 | \$0 | |
| Incremental Co Use Transmission for FM \$000/yr: | | |
| FM Est AYTP Mth/y | 9 | |
| Co Use Trans rate as % of end use | 0.000% | Misc Input |
| CoUse Trans for FM Mth/yr | 0 | |
| WACOG \$/dth | \$2.77 | Misc Input |
| Co Use Transmission for FM \$000/yr | \$0 | |
| Incremental UAF for FM \$000/yr: | | |
| FM Est AYTP Mth/y | 9 | |
| UAF rate as % of end use | 0.569% | Misc Input |
| UAF for FM Mth/yr | 0 | |
| WACOG \$/dth | \$2.77 | Misc Input |
| UAF for FM \$000/yr | \$0 | |
| Incremental Transport Rev Req w/SI, w/oFFU \$000/yr | \$21 | |
| FFU Rate | 102.29% | Cost Allocation |
| Incremental Transport Rev Reg w/SI, FFU \$000/yr | \$21 | |
| # FM Customers | 15 | |

Additional cost for FM = \$/customer/year

\$1,418

SDG&E NonCore C&I Distribution Rates

2020 TCAP Application

Procedure

Calculate customer charge revenue. Calculate total volumeric revenue.

| | TOTAL | Source |
|--|-----------|----------------------|
| Customer Charge Revenue \$000/yr: | | |
| Forecast # Customers | 44 | NCCI Detail Alloc |
| Customer Chare \$/mo | \$350.00 | |
| Customer Charge Revenue \$000/yr | \$185 | - - |
| Calculation of Total Volumetric Revenue \$000: | | |
| Total Costs Allocated to NCCI-D class \$000/yr | \$2,901 | NCCI Detail Alloc |
| Less Customer Charge Revenue \$000 | \$185 | |
| Less CSITMA Adder \$/th | \$87 | NCCI Detail Alloc |
| Less GHG Adder \$/th | \$0 | NCCI Detail Alloc |
| Volumetric Revenue \$000 | \$2,629 | _ |
| AYTP NCCI-D Mth/yr | 29,376 | NCCI Detail Alloc |
| Volumetric Rate \$/th | \$0.08951 | - |
| | | |
| Total Revenue \$000 | \$2,901 | |
| Average Rate \$/th | \$0.09876 | |

SDG&E EG-D Rates

2020 TCAP Application

Procedure

Allocate costs between EG customers on Distribution and those on Transmission Send EG-Transmission costs to SCG model for Local-T SFV & Vol calculations Calculate EG-Distribution Customer Charge Revenue Calculate EG-Distribution Volumetric Revenue Calculate EG-Distribution Volumetric rates

| | Pre | Sempra Wide | Post Sempra Wide Rates | | | | |
|---|--------|-------------|------------------------|--------|------------|---------|--|
| Summary of EG Distribution Rates: | Mth/yr | Rate \$/th | \$000's | Mth/yr | Rate \$/th | \$000's | |
| EFBA Exempt Rates: | | | | | | | |
| EG Distribution Tier 1: | | | | | | | |
| Customer Charge | 69 | \$50.00 | \$41 | 69 | \$50.00 | \$41 | |
| Volumetric Rate (excl ITCS) | 24,662 | \$0.10536 | \$2,598 | 24,662 | \$0.12880 | \$3,176 | |
| | 24,662 | \$0.10704 | \$2,640 | 24,662 | \$0.13048 | \$3,218 | |
| EG Distribution Tier 2 | | | | | | | |
| Customer Charge | 6 | \$0.00 | \$0 | 6 | \$0.00 | \$0 | |
| Volumetric Rate | 44,206 | \$0.06351 | \$2,808 | 44,206 | \$0.07293 | \$3,224 | |
| | 44,206 | \$0.06351 | \$2,808 | 44,206 | \$0.07293 | \$3,224 | |
| EG Distribution EFBA & GHG Exempt Customers | 68,867 | \$0.07910 | \$5,447 | 68,867 | \$0.09353 | \$6,441 | |
| EFBA & GHG Non-Exempt Rates: | | | | | | | |
| EFBA Cost Adder | 68,765 | \$0.00083 | \$57 | 68,765 | 0.00083 | \$57 | |
| GHG Cost Adder | 28,114 | \$0.00000 | \$0 | 28,114 | 0.00000 | \$0 | |
| EG-Distribution Tier 1 w/EFBA & GHG Adders | | \$0.10619 | | | 0.12963 | | |
| EG-Distribution Tier 2 w/EFBA & GHG Adders | | \$0.06434 | | | 0.07376 | | |
| Total EG Distribution Level | 68,867 | \$0.07993 | \$5,505 | 68,867 | \$0.09437 | \$6,499 | |

| Calculation of Pre SempraWide EG-D Rate Excl CARB & GHG | EG-D Tier 1 | EG-D Tier 2 | Total | Source |
|---|----------------|-------------|-----------|-------------------------|
| AYTP mth/yr | 24,662 | 44,206 | 68,867 | EG-EOR Detail Alloc |
| Total revenue \$000/yr | \$2,660 | \$2,844 | \$5,505 | EG-EOR Detail Alloc |
| Less: AB32 Admin Fees | (\$20) | (\$37) | (\$57) | EG Detail Alloc |
| Less: GHG Fees | \$0 | \$0 | \$0 | EG Detail Alloc |
| Total revenue \$000/yr | \$2,640 | \$2,808 | \$5,447 | = |
| total rate net of AB 32 Admin Fee Incl Cust Chg \$/th | \$0.10704 | \$0.06351 | \$0.07910 | |
| Customer Charge: | | | | |
| Total Customers | 69 | 6 | 75 | EG-EOR Detail Alloc |
| Customer Charge | \$50.00 | \$0.00 | | _ |
| Customer Charge Rev \$000/yr | \$41 | \$0 | \$41 | _ |
| Volumetric Rate: | | | | |
| Total revenue \$000/yr | \$2,640 | \$2,808 | \$5,447 | |
| Less Customer Charge \$000/yr | \$41 | \$0 | \$41 | _ |
| Volumetric Revenue \$000/yr | \$2,598 | \$2,808 | \$5,406 | <u>_</u> |
| Volumetric Rate /th | \$0.10536 | \$0.06351 | \$0.07850 | _ = |
| Post SW Rates: | | | | |
| SW Volumetric Rate w/FFU \$/th | \$0.12880 | \$0.07293 | | SCG RD model/EG-D Rates |
| AYTP Mth/yr | 24,662 | 44,206 | 68,867 | |
| SW Volumetric Revenue \$000 | \$3,176 | \$3,224 | \$6,400 | _ |
| plus Customer Charge Revenue \$000 | \$41 | \$0 | \$41 | |
| plus AB32 Admin Fee | | | | |
| Post-SW Total Revenue \$000 | \$3,218 | \$3,224 | \$6,441 | = |
| Pre-SW Total Revenue \$000 | \$2,640 | \$2,808 | \$5,447 | |
| SW Adjustment \$000 | \$578 | \$416 | \$994 | _ = |
| Post-SW Total Revenue \$000 | \$3,218 | \$3,224 | \$6,441 | |
| AYTP Mth/yr | 24,662 | 44,206 | 68,867 | |
| Post SW Average Rate \$/th | \$0.13048 | \$0.07293 | \$0.09353 | _ |
| EFBA & GHG amounts \$000 | \$20 | \$37 | \$57 | |
| SUMMARY of Pre & Post SW revenue & rates w/FFU w/EFBA: | | | | |
| Pre SW Total Revenue Tier 1 & 2 w/FFU \$000 | \$2,660 | \$2,844 | \$5,505 | |
| Post SW Total Revenue Tier 1 & 2 w/FFU \$000 | \$3,238 | \$3,261 | \$6,499 | |
| Total SW Adjustment w/FFU \$000 | \$578 | \$416 | \$994 | _ |
| Calculation of EFBA fee | | | | Source |
| Costs allocated to EG class \$000 | \$20 | \$37 | \$57 | EG Detail Alloc |
| EG Non-Exempt Volumes Mth/yr | 24,560 | 44,206 | 68,765 | EG Detail Alloc |
| Cost Ander for Non-Exempt & Greekonners Lei | Cha\$0100183SI | | | <u> </u> |

San Diego Gas & Electric City of San Diego Franchise Fee Differential Development of Annual Gas Percentage Factors

| | | 2017 | Revenue | | with SDFFD FACTOR E F (in 000s) | | | | | | | | |
|---|-------------|-----------|-------------|-----------|----------------------------------|--|--|--|--|--|--|--|--|
| | City of Sar | Diego | Total Sy | stem | | | | | | | | | |
| | Applicable | SDFFD | w/o | with | SDFFD | | | | | | | | |
| | SD Revs b/ | Revenues | SDFFD a/ | SDFFD | FACTOR | | | | | | | | |
| Α | В | С | D | E | F | | | | | | | | |
| | (in 000s) | (in 000s) | (in 000s) | (in 000s) | | | | | | | | | |
| <u>Schedule</u> | | 1.030% | c/ | | | | | | | | | | |
| Single Family (GR) | \$107,150 | \$1,104 | \$249,323 | \$250,427 | 0.443% | | | | | | | | |
| Single Family Low Income (GR-LI) | 17,402 | 179 | \$40,529 | \$40,708 | 0.442% | | | | | | | | |
| Multi Family (GM/GS/GT) | 25,846 | 266 | \$50,855 | \$51,121 | 0.523% | | | | | | | | |
| LNG Fac. Chg. (GL-1) | 0 | 0 | \$62 | \$62 | 0.001% | | | | | | | | |
| Res Aggreg Trans (GTAGTC) | 720 | 7 | \$1,678 | \$1,685 | 0.442% | | | | | | | | |
| Total Core Residential | \$151,118 | \$1,557 | \$342,447 | \$344,004 | 0.455% | | | | | | | | |
| | | | | | | | | | | | | | |
| Small Commercial (GN-1\3) | 57,841 | 596 | \$104,390 | \$104,986 | 0.571% | | | | | | | | |
| NGV Vehicles (NGV) | 778 | 8 | \$4,142 | \$4,150 | 0.193% | | | | | | | | |
| Comm Aggreg Trans (GTARC) | 6,880 | 71 | \$13,924 | \$13,995 | 0.509% | | | | | | | | |
| Total Core Commercial | \$65,499 | \$675 | \$122,456 | \$123,130 | 0.551% | | | | | | | | |
| TOTAL CORE | \$216,618 | \$2,231 | \$464,903 | \$467,134 | 0.480% | | | | | | | | |
| Noncore Noncogen Com. (GPNC) | 1,775 | 18 | \$2,488 | \$2,507 | 0.735% | | | | | | | | |
| Power Plant | 0 | - | \$5,763 | \$5,763 | 0.000% | | | | | | | | |
| NonCogen Trans. (GTNC) | 245 | 3 | \$267 | \$269 | 0.946% | | | | | | | | |
| Cogen Trans. (GTCG\EG) (excl. Rosarito) | 4,840 | 50 | \$9,117 | \$9,167 | 0.547% | | | | | | | | |
| TOTAL NONCORE | \$6,860 | \$71 | \$17,636 | \$17,706 | 0.401% | | | | | | | | |
| TOTAL GAS | \$223,478 | \$2,302 | \$482,538 | \$484,840 | 0.477% | | | | | | | | |

SDG&E Residential Bill Impact 2020 TCAP Application

Notes:

- 1) G-CP rate from TCAP
 2) PPPS rate for non-care customer.
 3) BL usage limits reflect Zone 1
 4) G-SRF rate for 01/2018

| | Summer Average (May-Oct) | Winter Average (Nov-Apr) | Winter Peak (Nov-Apr) | Monthly Average | Annual Charges (Jan-Dec) | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|--------------------------------|--------------------------------|---|--------------------------|--------------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|
| NPUT: | (ina) con | (11017161) | (.to. /tp.) | (04.1. 200) | (oui: Doo) | oun | 1 05 | · · · · · · | Арі | muy | oun | oui | Aug | оср | 001 | 1407 | |
| finimum Bill \$/day = | | | | | | \$0.32877 | \$0.32877 | \$0.32877 | \$0.32877 | \$0.32877 | \$0.32877 | \$0.32877 | \$0.32877 | \$0.32877 | \$0.32877 | \$0.32877 | \$0.328 |
| L Rate \$/th = | | | | | | \$0.49019 | \$0.49019 | \$0.49019 | \$0.49019 | \$0.49019 | \$0.49019 | \$0.49019 | \$0.49019 | \$0.49019 | \$0.49019 | \$0.49019 | \$0.490 |
| IBL Rate \$/th = | | | | | | \$1.07719 | \$1.07719 | \$1.07719 | \$1.07719 | \$1.07719 | \$1.07719 | \$1.07719 | \$1.07719 | \$1.07719 | \$1.07719 | \$1.07719 | \$1.077 |
| G-CP \$/th = | | | | | | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.27827 | \$0.278 |
| PPS Non-CARE \$/th = | | | | | | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | \$0.06758 | \$0.067 |
| | | | | | | | | | | | | | | | | | |
| G-SRF \$/th = | | | | | | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.00166 | \$0.001 |
| BL Usage limit th/day = | | | | | | 1.546 | 1.546 | 1.546 | 1.546 | 0.493 | 0.493 | 0.493 | 0.493 | 0.493 | 0.493 | 1.546 | 1.54 |
| # days in month = | | | | | | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |
| BL usage limit th/mo = | | | | | | 48 | 43 | 48 | 46 | 15 | 15 | 15 | 15 | 15 | 15 | 46 | 48 |
| CARE Discount | | | | | | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% |
| PPPS CARE \$/th = | | | | | | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | \$0.05951 | \$0.059 |
| DG&E Residential Class Average | ge: 16 | 33 | 50 | 24 | 291 | 50 | 38 | 31 | 25 | 20 | 18 | 16 | 14 | 14 | 14 | 19 | 34 |
| Total th used th/mo = | | | | | | | | | | | | | | | | | 34 |
| BL therms = NBL therms = | 14 1 | 32 0 | 48 2 | 23 1 | 281 11 | 48 2 | 38 0 | 31 0 | 25 0 | 15 5 | 15 3 | 15 1 | 14 0 | 14 0 | 14 0 | 19 0 | 0 |
| harges_ | | | | | | | | | | | | | | | | | |
| //inimum Bill or Cust charge \$/day | \$10.08 | \$9.92 | \$10.19 | \$10.00 | \$120.00 | \$10.19 | \$9.21 | \$10.19 | \$9.86 | \$10.19 | \$9.86 | \$10.19 | \$10.19 | \$9.86 | \$10.19 | \$9.86 | \$10. |
| BL charges \$/mo = | \$7.05 | \$15.89 | \$23.53 | \$11.47 | \$137.64 | \$23.53 | \$18.56 | \$15.35 | \$12.06 | \$7.35 | \$7.35 | \$7.35 | \$6.63 | \$6.67 | \$6.93 | \$9.41 | \$16. |
| IBL charge \$/mo = | \$1.47 | \$0.41 | \$2.48 | \$0.94 | \$11.31 | \$2.48 | \$0.00 | \$0.00 | \$0.00 | \$5.43 | \$2.77 | \$0.63 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.0 |
| Commodity Charge \$/mo = | \$4.38 | \$9.13 | \$14.00 | \$6.76 | \$81.06 | \$14.00 | \$10.54 | \$8.71 | \$6.85 | \$5.58 | \$4.89 | \$4.34 | \$3.77 | \$3.78 | \$3.93 | \$5.34 | \$9.3 |
| | | | | | | | | | | | | | | | | | |
| PPPS charge \$/mo = | \$1.06 | \$2.22 | \$3.40 | \$1.64 | \$19.69 | \$3.40 | \$2.56 | \$2.12 | \$1.66 | \$1.35 | \$1.19 | \$1.05 | \$0.91 | \$0.92 | \$0.95 | \$1.30 | \$2.2 |
| G-PUC Regulatory Fee \$/mo = | \$0.03 \$24.07 | \$0.05 \$37.63 | \$0.08 \$53.69 | \$0.04 \$30.85 | \$0.48 \$370.19 | \$0.08 \$53.69 | \$0.06 \$40.92 | \$0.05 \$36.42 | \$0.04 \$30.48 | \$0.03 \$29.94 | \$0.03 \$26.09 | \$0.03 \$23.59 | \$0.02 \$21.53 | \$0.02 \$21.26 | \$0.02 \$22.03 | \$0.03 \$25.94 | \$0.0 \$38.3 |
| - | | ψοι 100 | - - - - - - - - - - | 400.00 | ψοι σι ισ | φσσ.σσ | Ų 10.0Z | ψσσ. 1 <u>2</u> | \$00.10 | Ψ20.01 | Ψ20.00 | Ψ20.00 | Ψ21.00 | ΨΕ1.Ε0 | ΨΕΕ.00 | Ψ20.0 1 | Ψ00.0 |
| SDG&E Residential Single Famil Fotal th used th/mo = | <u>V:</u> 17 | 36 | 57 | 26 | 318 | 57 | 42 | 34 | 27 | 22 | 19 | 17 | 14 | 14 | 15 | 20 | 37 |
| BL therms = | 15 | 35 | 48 | 25 | 297 | 48 | 42 | 34 | 27 | 15 | 15 | 15 | 14 | 14 | 15 | 20 | 37 |
| NBL therms = | 2 | 1 | 9 | 25 | 297 | 9 | 0 | 0 | 0 | 7 | 4 | 2 | 0 | 0 | 0 | 0 | 0 |
| NDL tielins = | 2 | | 9 | 2 | 21 | 9 | U | O | U | , | 4 | 2 | Ü | Ü | Ü | U | U |
| charges | 640.00 | #0.02 | £40.40 | £40.00 | £420.00 | £40.40 | 60.24 | £10.10 | \$0.00 | £40.40 | 60 00 | 640.40 | £40.40 | 60.00 | £40.40 | 60.00 | 640.4 |
| Customer charge/Minimum Bill \$/d | | \$9.92 | \$10.19 | \$10.00 | \$120.00 | \$10.19 | \$9.21 | \$10.19 | \$9.86 | \$10.19 | \$9.86 | \$10.19 | \$10.19 | \$9.86 | \$10.19 | \$9.86 | \$10. |
| 3L charges \$/mo = | \$7.25 | \$17.03 | \$23.53 | \$12.14 | \$145.71 | \$23.53 | \$20.60 | \$16.87 | \$13.01 | \$7.35 | \$7.35 | \$7.35 | \$7.05 | \$7.08 | \$7.33 | \$10.03 | \$18. |
| NBL charge \$/mo = | \$2.18 | \$1.53 | \$9.19 | \$1.85 | \$22.25 | \$9.19 | \$0.00 | \$0.00 | \$0.00 | \$7.08 | \$4.12 | \$1.86 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.0 |
| Commodity Charge \$/mo = | \$4.68 | \$10.06 | \$15.73 | \$7.37 | \$88.46 | \$15.73 | \$11.70 | \$9.58 | \$7.39 | \$6.00 | \$5.24 | \$4.66 | \$4.00 | \$4.02 | \$4.16 | \$5.69 | \$10.3 |
| PPPS charge \$/mo = | \$1.14 | \$2.44 | \$3.82 | \$1.79 | \$21.48 | \$3.82 | \$2.84 | \$2.33 | \$1.79 | \$1.46 | \$1.27 | \$1.13 | \$0.97 | \$0.98 | \$1.01 | \$1.38 | \$2.5 |
| G-PUC Regulatory Fee \$/mo = | \$0.03 | \$0.06 | \$0.09 | \$0.04 | \$0.53 | \$0.09 | \$0.07 | \$0.06 | \$0.04 | \$0.04 | \$0.03 | \$0.03 | \$0.02 | \$0.02 | \$0.02 | \$0.03 | \$0.0 |
| C&T charge \$/mo= | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.0 |
| otal Charge \$/mo = | \$25.36 | \$41.05 | \$62.56 | \$33.20 | \$398.44 | \$62.56 | \$44.41 | \$39.03 | \$32.10 | \$32.12 | \$27.87 | \$25.22 | \$22.24 | \$21.96 | \$22.71 | \$27.00 | \$41.2 |
| DG&E Residential Multi Family | <u>:</u> 12 | 19 | 26 | 15 | 185 | 26 | 21 | 10 | 16 | 14 | 10 | 44 | 10 | 10 | 11 | 14 | 20 |
| Total th used th/mo = BL therms = | 12 | 19 | 26 26 | 15 | 185 | 26 26 | 21 | 19 19 | 16 16 | 14 | 13 10 | 11 11 | 10 10 | 10 10 | 11 11 | 14 14 | 20 |
| NBL therms = | 10 | 0 | 0 | 15 | 6 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| BL Usage limit th/day = | | | | | | 1.082 | 1.082 | 1.082 | 1.082 | 0.345 | 0.345 | 0.345 | 0.345 | 0.345 | 0.345 | 1.082 | 1.08 |
| # days in month = | | | | | | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 3 |
| BL usage limit th/mo = | | | | | | 34 | 30 | 34 | 32 | 11 | 10 | 11 | 11 | 10 | 11 | 32 | 34 |
| harges | | | | | | | | | | | | | | | | | |
| Customer charge/Minimum Bill \$/d | \$10.08 | \$9.92 | \$10.19 | \$10.00 | \$120.00 | \$10.19 | \$9.21 | \$10.19 | \$9.86 | \$10.19 | \$9.86 | \$10.19 | \$10.19 | \$9.86 | \$10.19 | \$9.86 | \$10. |
| L charges \$/mo = | \$5.13 | \$9.45 | \$12.71 | \$7.29 | \$87.48 | \$12.71 | \$10.43 | \$9.16 | \$7.85 | \$5.39 | \$4.90 | \$5.39 | \$4.91 | \$4.90 | \$5.27 | \$6.84 | \$9.7 |
| IBL charge \$/mo = | \$1.13 | \$0.00 | \$0.00 | \$0.56 | \$6.77 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3.14 | \$3.02 | \$0.27 | \$0.00 | \$0.34 | \$0.00 | \$0.00 | \$0.0 |
| Commodity Charge \$/mo = | \$3.20 | \$5.37 | \$7.22 | \$4.28 | \$51.41 | \$7.22 | \$5.92 | \$5.20 | \$4.46 | \$3.87 | \$3.56 | \$3.13 | \$2.79 | \$2.87 | \$2.99 | \$3.88 | \$5.5 |
| PPS charge \$/mo = | \$0.78 | \$1.30 | \$1.75 | \$1.04 | \$12.48 | \$1.75 | \$1.44 | \$1.26 | \$1.08 | \$0.94 | \$0.87 | \$0.76 | \$0.68 | \$0.70 | \$0.73 | \$0.94 | \$1.3 |
| G-PUC Regulatory Fee \$/mo = | \$0.02 | \$0.03 | \$0.04 | \$0.03 | \$0.31 | \$0.04 | \$0.04 | \$0.03 | \$0.03 | \$0.02 | \$0.02 | \$0.02 | \$0.02 | \$0.02 | \$0.02 | \$0.02 | \$0.0 |
| otal Charge \$/mo = | \$20.34 | \$26.07 | \$31.91 | \$23.20 | \$278.45 | \$31.91 | \$27.02 | \$25.84 | \$23.29 | \$23.56 | \$22.24 | \$19.76 | \$18.59 | \$18.68 | \$19.20 | \$21.55 | \$26 |
| <u>-</u> | | | - | | | | | | | | • | | | | | | |
| DG&E Residential CARE: otal th used th/mo = | 15 | 27 | 39 | 21 | 254 | 39 | 31 | 27 | 22 | 19 | 17 | 15 | 13 | 13 | 13 | 18 | 2 |
| otal til used tr/mo = | 15 | 21 | 39 | ۷1 | 254 | 39 | 31 | 21 | 22 | 19 | 17 | 15 | 13 | 13 | 13 | 10 | 2 |

SDG&E Residential Bill Impact 2020 TCAP Application

Notes:

- 1) G-CP rate from TCAP
 2) PPPS rate for non-care customer.
 3) BL usage limits reflect Zone 1
 4) G-SRF rate for 01/2018

| BL therms = | 14 | 27 | 39 | 21 | 249 | 39 | 31 | 27 | 22 | 15 | 15 | 15 | 13 | 13 | 13 | 18 | 27 |
|-----------------------------------|---------|---------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| NBL therms = | 1 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| charges | | | | | | | | | | | | | | | | | |
| Customer charge/Minimum Bill \$/d | \$8.07 | \$7.93 | \$8.15 | \$8.00 | \$96.00 | \$8.15 | \$7.36 | \$8.15 | \$7.89 | \$8.15 | \$7.89 | \$8.15 | \$8.15 | \$7.89 | \$8.15 | \$7.89 | \$8.15 |
| BL charges \$/mo = | \$5.51 | \$10.77 | \$15.36 | \$8.14 | \$97.63 | \$15.36 | \$12.27 | \$10.55 | \$8.68 | \$5.88 | \$5.88 | \$5.84 | \$5.07 | \$5.08 | \$5.28 | \$6.96 | \$10.78 |
| NBL charge \$/mo = | \$0.80 | \$0.00 | \$0.00 | \$0.40 | \$4.78 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3.29 | \$1.49 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Commodity Charge \$/mo = | \$3.33 | \$6.11 | \$8.72 | \$4.72 | \$56.66 | \$8.72 | \$6.96 | \$5.99 | \$4.93 | \$4.19 | \$3.73 | \$3.31 | \$2.88 | \$2.88 | \$3.00 | \$3.95 | \$6.12 |
| PPPS charge \$/mo = | \$0.89 | \$1.63 | \$2.33 | \$1.26 | \$15.14 | \$2.33 | \$1.86 | \$1.60 | \$1.32 | \$1.12 | \$1.00 | \$0.89 | \$0.77 | \$0.77 | \$0.80 | \$1.06 | \$1.64 |
| G-PUC Regulatory Fee \$/mo = | \$0.02 | \$0.05 | \$0.07 | \$0.04 | \$0.42 | \$0.07 | \$0.05 | \$0.04 | \$0.04 | \$0.03 | \$0.03 | \$0.02 | \$0.02 | \$0.02 | \$0.02 | \$0.03 | \$0.05 |
| C&T charge \$/mo= | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Total Charge \$/mo = | \$18.62 | \$26.49 | \$34.62 | \$22.55 | \$270.63 | \$34.62 | \$28.51 | \$26.33 | \$22.86 | \$22.66 | \$20.02 | \$18.21 | \$16.90 | \$16.65 | \$17.25 | \$19.89 | \$26.73 |

SDG&E Commercial Bill Impact 2020 TCAP Application

Notes:

G-CP rate from TCAP

2) PPPS rate for non-care customer. Current rate in 2018

3) G-SRF rate in 2018

4) Month Average = annual \$amount/12 and Monthly Avg Rate = \$amount/#therms.

Medium Large C&I Medium C&I Typical C&I average average bill average bill Typical bill \$/month - \$/month -\$/month -,000 6,250 7,250 Month (nov-Month (mayth/month th/month oct) Average Charges Jan Feb Mar May Jul Sep Oct Dec apr) Apr Jun SDG&E Core C&I - Current Rates: Customer Charge \$/mo. = \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$0.33142 \$0.33142 \$0.33142 \$0.33142 \$0.33142 \$0.33142 \$0.33142 \$0.33142 \$0.33142 \$0.33142 \$0.33142 \$0.33142 \$0.33142 Tier 1 Rate \$/th = \$0.33142 \$0.33142 \$0.33142 \$0.33142 \$0.33142 Tier 2 Rate \$/th = \$0.20022 \$0.20022 \$0.20022 \$0.20022 \$0.20022 \$0.20022 \$0.20022 \$0.20022 \$0.20022 \$0.20022 \$0.20022 \$0.20022 \$0.20022 \$0.20022 \$0.20022 \$0.20022 \$0.20022 \$0.20022 Tier 3 Rate \$/th = \$0.16315 \$0.16315 \$0.16315 \$0.16315 \$0.16315 \$0.16315 \$0.16315 \$0.16315 \$0.16315 \$0.16315 \$0.16315 \$0.16315 \$0.16315 \$0.16315 \$0.16315 \$0.16315 \$0.16315 \$0.16315 \$0.08978 G-CPC \$/th = \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 PPPS \$/th = \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.00000 G-PUC Regulatory fee \$/th = \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 Effective Average Rate \$/th \$0.70425 \$0.70425 \$0.70425 \$0.70425 \$0.70425 \$0.70425 \$0.70425 \$0.70425 \$0.70425 \$0.70425 \$0.70425 \$0.70425 \$0.70425 \$0.70425 \$0.70425 \$0.70425 \$0.70425 \$0.70425 \$0.70425 30 31 31 31 31 31 # days in month = 30 30.42 365 28 30 31 30 31 31 30 30 31 31 Tier Usage Limits (i.e. maximum # of therms charged at each tier): Tier 1 usage limit th/mo = 1 000 1.000 1 000 12 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 Tier 2 usage limit th/mo = 21,000 21,000 21,000 252,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 Tier 3 no limit Total th used th/mo = 300 300 300 3,600 300 300 300 300 300 300 300 300 300 300 300 300 1,000 6,250 7,250 3,600 1,000 Tier 1 therms = 300 300 300 300 300 300 300 300 300 300 300 300 1.000 1.000 300 300 300 therms remaining to be classified 5 250 6 250 Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Tier 2 therms = 0 0 0 Ω 0 0 0 0 0 0 0 Ω 0 0 0 5,250 6.250 Tier 3 therms = Λ Ω Ω Ω Λ Ω Λ Ω Ω Ω Ω Ω therms accounted for 300 300 300 3,600 300 300 300 300 300 300 300 300 300 300 300 300 1,000 6,250 7,250 Customer Charge \$/mo = \$10 \$10.00 \$10.00 \$10.00 \$10 \$10 \$120 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 Tier 1 charges \$/mo = \$99.43 \$99.43 \$99 \$1,193 \$99.43 \$99.43 \$99.43 \$99.43 \$99.43 \$99.43 \$99.43 \$99.43 \$99.43 \$99.43 \$99.43 \$99.43 \$331.42 \$331.42 \$331.42 \$0.00 \$1,051.14 \$1,251.35 Tier 2 charges \$/mo = \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0 \$0 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 Tier 3 charges \$/mo = \$0.00 \$0.00 \$0 \$0 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$83.48 Commodity Charge \$/mo = \$83.48 \$83 \$1.002 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$278.27 \$1,739.19 \$2.017.46 PPPS charge \$/mo = \$17.87 \$17.87 \$18 \$214 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$59.56 \$372 27 \$431.83 G-PUC Regulatory Fee \$/mo \$0.50 \$0.50 \$0 \$6 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$1.66 \$10.38 \$12.04 Total Charge \$/mo = \$211.27 \$211.27 \$211.27 \$2,535,30 \$211.27 \$211.27 \$211.27 \$211.27 \$211.27 \$211.27 \$211.27 \$211.27 \$211.27 \$211.27 \$211.27 \$211.27 \$680.92 \$3.514.39 \$4.054.11

Large and

SDG&E Commercial Bill Impact

2020 TCAP Application

Notes:

1) G-CP rate from TCAP
2) PPPS rate for non-care customer. Current rate in 2018
3) G-SRF rate in 2018
4) Month Average = annual \$amount/12 and Monthly Avg Rate = \$ar

2014

| 4) Month Average = annual \$amount/12 and Monthly Avg Rate = \$ | di | | | |
|--|--------------|---------------|------------|---------------------------|
| | Small C&I | Medium | 1 001 | Large and |
| | average bill | C&I average | | Medium C& average bill |
| | \$/month - | bill \$/month | | \$/month - |
| | 300 | 1.000 | 6.250 | 7.250 |
| | th/month | th/month | th/month | th/month |
| SDG&E Core C&I - Current Rates: | ti (monti | armonar | avinonai | annionai |
| Customer Charge \$/mo. = | \$10.00 | \$10.00 | \$10.00 | \$10.00 |
| Tier 1 Rate \$/th = | \$0.31615 | \$0.31615 | \$0.31615 | \$0.31615 |
| Tier 2 Rate \$/th = | \$0.16299 | \$0.16299 | \$0.16299 | \$0.16299 |
| Tier 3 Rate \$/th = | \$0.11972 | \$0.11972 | \$0.11972 | \$0.11972 |
| G-CPC \$/th = | \$0.49583 | \$0.49583 | \$0.49583 | \$0.49583 |
| PPPS \$/th = | \$0.08626 | \$0.08626 | \$0.08626 | \$0.08626 |
| G-PUC Regulatory fee \$/th = | \$0.00068 | \$0.00068 | \$0.00068 | \$0.00068 |
| Effective Average Rate \$/th | \$0.70425 | \$0.70425 | \$0.70425 | \$0.70425 |
| Encouve Average Nate with | ψ0.70425 | ψ0.70425 | ψ0.70425 | ψ0.70425 |
| # days in month = | 31 | 31 | 31 | 31 |
| Tier Usage Limits (i.e. maximum # of therms charged at each tier): | | | | |
| Tier 1 usage limit th/mo = | 1,000 | 1,000 | 1,000 | 1,000 |
| Tier 2 usage limit th/mo = | 21,000 | 21,000 | 21,000 | 21,000 |
| Tier 3 no limit | | | | |
| Total th used th/mo = | 300 | 1,000 | 6,250 | 7,250 |
| Tier 1 therms = | 300 | 1,000 | 1,000 | 1,000 |
| therms remainining to be classified | 0 | 0 | 5,250 | 6,250 |
| Tier 2 therms = | 0 | 0 | 5,250 | 6,250 |
| Tier 3 therms = | 0 | 0 | 0 | 0 |
| therms accounted for | 300 | 1,000 | 6,250 | 7,250 |
| Customer Charge \$/mo = | \$10.00 | \$10.00 | \$10.00 | \$10.00 |
| Tier 1 charges \$/mo = | \$94.85 | \$316.15 | \$316.15 | \$316.15 |
| Tier 2 charges \$/mo = | \$0.00 | \$0.00 | \$855.68 | \$1,018.67 |
| Tier 3 charges \$/mo = | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Commodity Charge \$/mo = | \$148.75 | \$495.83 | \$3,098.91 | \$3,594.73 |
| PPPS charge \$/mo = | \$25.88 | \$86.26 | \$539.11 | \$625.37 |
| G-PUC Regulatory Fee \$/mo = | \$0.20 | \$0.68 | \$4.25 | \$4.93 |
| Total Charge \$/mo = | \$279.67 | \$908.92 | \$4,824.10 | \$5,569.85 |

File = 2020 TCAP SDGE RD Model Chaudhury SDGE Workpapers - Page 81 of 118 Tab = CCI Bill

SDG&E Commercial Bill Impact 2020 TCAP Application

Notes:

1) G-CP rate from TCAP

2) PPPS rate for non-care customer. Current rate in 2018

3) G-SRF rate in 2018

4) Month Average = annual \$amount/12 and Monthly Avg Rate = \$amount/#therms.

Large C&I Medium C&I Medium Typical C&I average average bill average bill Typical bill \$/month - \$/month -\$/month -,000 6,250 7,250 Month (nov-Month (mayn/month th/month th/month oct) Average Charges Feb Mar May Jul Oct Dec apr) Jan Apr Jun Aug Sep Nov SDG&E Core C&I - Proposed Rates: Customer Charge Tier 1 \$/day = \$10.00 \$10.00 \$0.32877 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 Tier 1 Rate \$/th = \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 \$0.39590 Tier 2 Rate \$/th = \$0.23417 \$0.23417 \$0.23417 \$0.23417 \$0.23417 \$0 23417 \$0.23417 \$0.23417 \$0.23417 \$0.23417 \$0.23417 \$0.23417 \$0 23417 \$0.23417 \$0.23417 \$0.23417 \$0.23417 \$0.23417 Tier 3 Rate \$/th = \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 \$0.18849 G-CPC \$/th = \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 \$0.27827 PPPS \$/th = \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 \$0.05956 G-PUC Regulatory fee \$/th = \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 \$0.00166 Effective Average Rate \$/th \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 \$0.76873 30 31 31 31 31 31 31 # days in month = 30 30 365 28 30 30 31 31 30 30 31 31 Tier Usage Limits (i.e. maximum # of therms charged at each tier): Tier 1 usage limit th/mo = 1 000 1.000 1 000 12 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 1 000 Tier 2 usage limit th/mo = 21,000 21,000 21,000 252,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 21,000 Tier 3 no limit Total th used th/mo = 300 300 300 3,600 300 300 300 300 300 300 300 300 300 300 300 300 1,000 6,250 7,250 3,600 1,000 1,000 Tier 1 therms = 300 300 300 300 300 300 300 300 300 300 300 300 300 1.000 300 300 therms remaining to be classified 5 250 6 250 Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Tier 2 therms = 0 0 0 Ω 0 0 0 0 0 0 0 Ω 0 0 0 5,250 6.250 Tier 3 therms = Λ Ω Ω Ω Λ Ω Ω Ω Ω Ω Ω Ω therms accounted for 300 300 300 3,600 300 300 300 300 300 300 300 300 300 300 300 300 1,000 6,250 7,250 Customer Charge \$/mo = \$10 \$10.00 \$10.00 \$10.00 \$10.00 \$10 \$10 \$120 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 Tier 1 charges \$/mo = \$118.77 \$118.77 \$119 \$1,425 \$118.77 \$118.77 \$118.77 \$118.77 \$118.77 \$118.77 \$118.77 \$118.77 \$118.77 \$118.77 \$118.77 \$118.77 \$395.90 \$395.90 \$395.90 Tier 2 charges \$/mo = \$1,229.41 \$1,463.58 \$0.00 \$0.00 \$0.00 \$0.00 \$0 \$0 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 Tier 3 charges \$/mo = \$0.00 \$0.00 \$0 \$0 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$83.48 Commodity Charge \$/mo = \$83.48 \$83 \$1.002 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$83.48 \$278.27 \$1,739.19 \$2.017.46 PPPS charge \$/mo = \$17.87 \$17.87 \$18 \$214 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$17.87 \$59.56 \$372 27 \$431.83 G-PUC Regulatory Fee \$/mo \$0.50 \$0.50 \$0 \$6 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$0.50 \$1.66 \$10.38 \$12.04 Total Charge \$/mo = \$230.62 \$230.62 \$230.62 \$2,767,43 \$230.62 \$230.62 \$230.62 \$230.62 \$230.62 \$230.62 \$230.62 \$230.62 \$230.62 \$230.62 \$230.62 \$230.62 \$745.40 \$3,757.15 \$4,330.82

Large and

| Increase (decrease) from Current Rates \$/month | \$19.34 | \$19.34 | \$19.34 | \$232.13 | |
|---|---------|---------|---------|----------|--|
| % Increase (decrease) from Current | 9.2% | 9.2% | 9.2% | 9.2% | |

| MARGINAL COST COMPONENTS \$000's | | | | Res | NGV | Core C&I | Total Core |
|--|---------------|-----------------------------|---|---|---|--|--|
| Embedded Costs: | | | | | | | |
| Customer Related Costs | | | | \$175,758 | \$111 | \$10,038 | \$185,908 |
| Medium Pressure Distribution Costs | | | | \$59,988 | \$413 | \$18,109 | \$78,510 |
| High Pressure Distribution Costs | | | | \$6,039 | \$107 | \$1,857 | \$8,004 |
| Backbone Transmission Costs | | | | \$12,830 | \$670 | \$6,871 | \$20,371 |
| Local Transmission Costs | | | | \$0 | \$0 | \$0 | \$0 |
| Storage - Borrego | | | | \$0 | \$0 | \$0 | \$0 |
| Core Seasonal Storage | | | | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | | | | \$0 | \$0 | \$0 | \$0 |
| NGV | | | | \$0 | \$494 | \$0 | \$494 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | • | \$254,615 | \$1,796 | \$36,875 | \$293,287 |
| Less Backbone Transmission Costs | | | | (\$12,830) | (\$670) | (\$6,871) | (\$20,371) |
| Less Local Transmission Costs | | | | \$0 | \$0 | \$0 | \$0 |
| Plus Local Transmission Costs w/SI,FFU | | | | \$3,508 | \$109 | \$1,388 | \$5,005 |
| | | | | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | \$245,294 | \$1,236 | \$31,392 | \$277,921 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | \$245,294 79% | \$1,236 | \$31,392 | \$277,921 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | Amount to | | \$1,236 | \$31,392 | \$277,921 |
| | Non- | Add FFU Y | Amount to Allocate (w/o | | \$1,236 | \$31,392 | \$277,921 |
| | Non- ECPT? | Add FFU Y or N? | | | \$1,236 | \$31,392 | \$277,921 |
| | | | Allocate (w/o | | \$1,236 \$128 | \$31,392 \$1,268 | \$277,921 \$3,617 |
| Other Operating Costs and Revenues | | or N? | Allocate (w/o F&U) | 79% | | | |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 | | or N? | Allocate (w/o F&U) \$8,386 | 79% \$2,221 | \$128 | \$1,268 | \$3,617 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage | | or N? Y Y | Allocate (w/o F&U) \$8,386 \$6,624 | 79% \$2,221 \$5,367 | \$128 \$81 | \$1,268 \$1,328 | \$3,617 \$6,776 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 | | or N? Y Y | Allocate (w/o F&U) \$8,386 \$6,624 | 79% \$2,221 \$5,367 | \$128 \$81 | \$1,268 \$1,328 | \$3,617 \$6,776 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a | | or N? Y Y Y | Allocate (w/o F&U) \$8,386 \$6,624 \$3,548 | 79% \$2,221 \$5,367 \$940 | \$128 \$81 \$54 | \$1,268 \$1,328 \$536 | \$3,617 \$6,776 \$1,530 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF | | or N? Y Y Y Y | Allocate (w/o F&U) \$8,386 \$6,624 \$3,548 | 79% \$2,221 \$5,367 \$940 \$1,003 | \$128 \$81 \$54 \$58 | \$1,268 \$1,328 \$536 \$572 | \$3,617 \$6,776 \$1,530 \$1,633 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other | ECPT? | or N? Y Y Y Y Y | Allocate (w/o F&U) \$8,386 \$6,624 \$3,548 \$2,081 \$200 | 79% \$2,221 \$5,367 \$940 \$1,003 \$53 | \$128 \$81 \$54 \$58 \$3 | \$1,268 \$1,328 \$536 \$572 \$30 | \$3,617 \$6,776 \$1,530 \$1,633 \$86 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G | ECPT? | or N? Y Y Y Y Y Y | Allocate (w/o F&U) \$8,386 \$6,624 \$3,548 \$2,081 \$200 \$0 | 79% \$2,221 \$5,367 \$940 \$1,003 \$53 \$0 | \$128 \$81 \$54 \$58 \$3 \$0 | \$1,268 \$1,328 \$536 \$572 \$30 \$0 | \$3,617 \$6,776 \$1,530 \$1,633 \$86 \$0 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G AB32 Fees (subtracted from base margin and allocated here) | ECPT? | or N? Y Y Y Y Y Y Y Y Y Y Y | Allocate (w/o F&U) \$8,386 \$6,624 \$3,548 \$2,081 \$200 \$0 \$560 | 79% \$2,221 \$5,367 \$940 \$1,003 \$53 \$0 \$243 | \$128 \$81 \$54 \$58 \$3 \$0 \$14 | \$1,268 \$1,328 \$536 \$572 \$30 \$0 \$139 | \$3,617 \$6,776 \$1,530 \$1,633 \$86 \$0 \$396 |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | | |
|--|-----------|--------------|----------------|------------|---------------|----------------|-------------------|-----------------|
| Embedded Costs: | | | | | | | | |
| Customer Related Costs | \$824 | (\$252) | \$96 | (\$156) | \$668 | \$186,576 | | |
| Medium Pressure Distribution Costs | \$1,184 | \$800 | \$465 | \$1,265 | \$2,449 | \$80,959 | | |
| High Pressure Distribution Costs | \$164 | \$126 | \$431 | \$557 | \$721 | \$8,725 | | |
| Backbone Transmission Costs | \$1,629 | \$771 | \$23,494 | \$24,265 | \$25,894 | \$46,266 | | |
| Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Storage - Borrego | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Storage - Load Balancing | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| NGV | \$0 | \$0 | \$0 | \$0 | \$0 | \$494 | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | \$3,802 | \$1,444 | \$24,487 | \$25,931 | \$29,733 | \$323,020 | _ | |
| Less Backbone Transmission Costs | (\$1,629) | (\$771) | (\$23,494) | (\$24,265) | (\$25,894) | (\$46,266) | | |
| Less Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| D | 0070 | 0.400 | 0.4.0.4 | 04.004 | 0.4.04 | # 0.400 | | |
| Plus Local Transmission Costs w/SI,FFU | \$270 | \$120 | \$4,101 | \$4,221 | \$4,491 | \$9,496 | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | \$2,443 | \$793 | \$5,093 | \$5,886 | \$8,329 | \$286,250 | - = | |
| | | | | | | | | |
| | | | | | | | F&U Amount | Total Allocated |
| Other Operating Costs and Revenues | | | | | | | \$000 | \$000 |
| SCG Transport excl Core Storge & Load Balance \$000 | \$312 | \$148 | \$4,502 | \$4,649 | \$4,962 | \$8,579 | \$192 | \$8,386 |
| SCG Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,776 | \$152 | \$6,624 |
| SCG Load Balancing Allocated to ALL SDGE \$000 | \$132 | \$62 | \$1,905 | \$1,967 | \$2,099 | \$3,629 | \$81 | \$3,548 |
| n/a | | | | | | | | |
| LUAF | \$31 | \$15 | \$450 | \$465 | \$496 | \$2,129 | \$48 | \$2,081 |
| Company Use Gas: Other | \$7 | \$4 | \$107 | \$111 | \$118 | \$205 | \$5 | \$200 |
| AMI rev req incl FF&U AL 1693-G | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AB32 Fees (subtracted from base margin and allocated here) | \$34 | \$13 | \$130 | \$143 | \$177 | \$573 | \$13 | \$560 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | | | | | | | |

SDG&E Cost Allocation Allocation Allocation %

| | _ | | | Γotal | _ | | Core | Total | | EG <3 |
|--|-------------------|------------|----|-------|-------|------|-------|-------|------|---------|
| MARGINAL COST COMPONENTS \$000's | Source | Allocation | Sy | /stem | Res | NGV | C&I | Core | NCCI | mmth/yr |
| Embedded Costs: | | | | | | | | | | |
| Customer Related Costs | EC Model | 0 | | | | | | | | |
| Medium Pressure Distribution Costs | EC Model | 0 | | | | | | | | |
| High Pressure Distribution Costs | EC Model | 0 | | | | | | | | |
| Backbone Transmission Costs | EC Model | 0 | | | | | | | | |
| Local Transmission Costs | EC Model | 0 | | | | | | | | |
| Storage - Borrego | EC Model | 0 | | | | | | | | |
| Core Seasonal Storage | EC Model | 0 | | | | | | | | |
| Storage - Load Balancing | EC Model | 0 | | | | | | | | |
| NGV | EC Model | 0 | | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | | | | | | |
| Less Backbone Transmission Costs | | | | | | | | | | |
| Less Local Transmission Costs | | | | | | | | | | |
| Plus Local Transmission Costs w/SI,FFU | SCG/ SI & FAR | | | | | | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Other Operating Costs and Revenues | | | | | | | | | | |
| SCG Transport excl Core Storge & Load Balance \$000 | SCG RD Model/RLIN | FCPT | 10 | nn n% | 25.9% | 1.5% | 14.8% | 42 2% | 3.6% | 1 7% |

| Chief C portaining C Colo unita 110 to the colo | | | | | | | | | | |
|---|------------------------|------------------------------------|--------|-------|------|-------|--------|------|------|--|
| SCG Transport excl Core Storge & Load Balance \$000 | SCG RD Model/RUN | ECPT | 100.0% | 25.9% | 1.5% | 14.8% | 42.2% | 3.6% | 1.7% | |
| SCG Core Seasonal Storage | SCG RD Model/RUN | % CYPD MP Res & CCI | 100.0% | 79.2% | 1.2% | 19.6% | 100.0% | 0.0% | 0.0% | |
| SCG Load Balancing Allocated to ALL SDGE \$000 | SCG RD Model/RUN | ECPT | 100.0% | 25.9% | 1.5% | 14.8% | 42.2% | 3.6% | 1.7% | |
| n/a | | | | | | | | | | |
| LUAF | Misc Inputs | Method #3 -76.7% core @ ECPT / 23. | 100.0% | 47.1% | 2.7% | 26.9% | 76.7% | 1.5% | 0.7% | |
| Company Use Gas: Other | Misc Inputs | ECPT | 100.0% | 25.9% | 1.5% | 14.8% | 42.2% | 3.6% | 1.7% | |
| AMI rev req incl FF&U AL 1693-G | Misc Inputs, AL 1693-G | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% | |
| AB32 Fees (subtracted from base margin and allocated here) | | ECPT AB32 Fee Non-Exempt | 100.0% | 42.4% | 2.5% | 24.2% | 69.1% | 6.0% | 2.3% | |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenu | e Misc Inputs | ECPT | 100.0% | 25.9% | 1.5% | 14.8% | 42.2% | 3.6% | 1.7% | |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | Misc Inputs | ECPT GHG Fee Non-Exempt | 100.0% | 55.5% | 3.2% | 31.7% | 90.4% | 4.7% | 3.5% | |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | Misc Inputs | Method #3 -76.7% core @ ECPT / 23. | 100.0% | 47.1% | 2.7% | 26.9% | 76.7% | 1.5% | 0.7% | |

July, 2018 Rates

MARGINAL COST COMPONENTS \$000's

EG>=3 Total mmth/yr Total EG NonCore

Embedded Costs:

NGV

Customer Related Costs Medium Pressure Distribution Costs High Pressure Distribution Costs **Backbone Transmission Costs** Local Transmission Costs Storage - Borrego Core Seasonal Storage Storage - Load Balancing

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU

Less Backbone Transmission Costs Less Local Transmission Costs

Plus Local Transmission Costs w/SI,FFU

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU

Other Operating Costs and Revenues

| SCG Transport excl Core Storge & Load Balance \$000 | 52.5% | 0.0% | 57.8% |
|--|-------|-------|-------|
| SCG Core Seasonal Storage | 0.0% | 0.0% | 0.0% |
| SCG Load Balancing Allocated to ALL SDGE \$000 | 52.5% | 0.0% | 57.8% |
| n/a | | | |
| LUAF | 21.1% | 21.8% | 23.3% |
| Company Use Gas: Other | 52.5% | 0.0% | 57.8% |
| AMI rev req incl FF&U AL 1693-G | 1.8% | 0.0% | 2.9% |
| AB32 Fees (subtracted from base margin and allocated here) | 22.6% | 25.0% | 30.9% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue | 52.5% | 0.0% | 57.8% |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | 1.4% | 4.9% | 9.6% |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | 21.1% | 21.8% | 23.3% |

| MARGINAL COST COMPONENTS \$000's | | | | Res | NGV | Core C&I | Total Core |
|--|----------|---------|--------------|-------------|-------|----------|--------------------|
| Subtotal Other Operating Costs and Revenues | | | \$21,399 | \$9,826 | \$339 | \$3,873 | \$14,038 |
| Regulatory Accounts | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | Υ | Υ | \$568 | \$498 | \$3 | \$64 | \$564 |
| Baseline Balance BA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Margin Only (non-NGV) | | Υ | \$25,990 | \$16,925 | \$0 | \$9,662 | \$26,587 |
| CFCA -NGV only | | Υ | \$666 | \$0 | \$681 | \$0 | \$681 |
| CFCA -Nonmargin Other | | Υ | \$566 | \$356 | \$21 | \$203 | \$579 |
| FCA -Nonmargin SCG | | Υ | \$29 | \$18 | \$1 | \$10 | \$29 |
| Environmental Fee Balance Account EFBA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| disconnect Memorandum Account (DMA) | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| sistribution Integrity Management Program Memorandum Account (DIMPBA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| ransmission Integrity Management Program Memorandum Account (TIMPBA) | | Υ | \$830 | \$314 | \$10 | \$124 | \$447 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| reen House Gas Balancing Account (GHGBA) - End User | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| ERC Settlement Proceeds MA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Gas Storage Balancing Acct. GSBA-C | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| azardous Substance Cleanup Cost Acct HSCCA | | Υ | \$509 | \$135 | \$8 | \$77 | \$219 |
| laster Meter Balancing Account (MMBA) | Υ | Υ | \$987 | \$865 | \$4 | \$111 | \$980 |
| atural Gas Supp Refund Track Acct | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| lew Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| lew Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| lew Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| FCA -Margin Only | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| IFCA -Nonmargin Other | | Υ | \$268 | \$0 | \$0 | \$0 | \$0 |
| IFCA -Nonmargin SCG | | Υ | \$2,604 | \$0 | \$0 | \$0 | \$0 |
| IGVA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| on-Core Gas Storage Balancing Acct GSBA-NC | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| ВОРВА | Υ | Υ | (\$519) | (\$455) | (\$2) | (\$58) | (\$515) |
| ension BA | Υ | Υ | \$4,070 | \$3,568 | \$18 | \$457 | \$4,042 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | | Υ | \$219 | \$83 | \$3 | \$33 | \$118 |
| ipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| afety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | | Υ | \$1,616 | \$611 | \$19 | \$241 | \$871 |
| safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | | Υ | \$14,531 | \$10,288 | \$183 | \$3,164 | \$13,636 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | | Υ | \$504 | \$191 | \$6 | \$75 | \$272 |
| afety Enhancement Expense Balancing Account (SEEBA) - Distribution | | Υ | \$1,672 | \$1,184 | \$21 | \$364 | \$1,569 |
| D&D 1-Way Bal Acct (Pre-2001) | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| ewards & Penalties Bal Acct RPBA | Υ | Υ | \$396 | \$348 | \$2 | \$44 | \$394 |
| elf Gen Memo Acct - SGPMA-CSI | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| self Gen Memo Acct - SGPMA-NonCSI | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| SGPMA - Rev Reg for NEXT Year | Υ | Υ | \$2,265 | \$1,985 | \$10 | \$254 | \$2,250 |
| Gain/Loss on Sale Memo Acct GLOSMA | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| ntegrated Transmission Margin ITBA | | Υ | \$319 | \$90 | \$5 | \$48 | \$144 |
| File = 2020 TCAP SDGE RD Model Chau | dhury SD | GE Work | papers - Pag | e 88 of 118 | | , - | Tab = Current Cost |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | | |
|---|-------|-----------|--------------|----------|---------------|--------------|----------------|----------|
| Subtotal Other Operating Costs and Revenues | \$517 | \$242 | \$7,093 | \$7,335 | \$7,852 | \$21,890 | \$491 | \$21,399 |
| Regulatory Accounts | | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | \$5 | \$2 | \$10 | \$12 | \$17 | \$581 | \$13 | \$568 |
| Baseline Balance BA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Margin Only (non-NGV) | \$0 | \$0 | \$0 | \$0 | \$0 | \$26,587 | \$596 | \$25,990 |
| CFCA -NGV only | \$0 | \$0 | \$0 | \$0 | \$0 | \$681 | \$15 | \$666 |
| CFCA -Nonmargin Other | \$0 | \$0 | \$0 | \$0 | \$0 | \$579 | \$13 | \$566 |
| CFCA -Nonmargin SCG | \$0 | \$0 | \$0 | \$0 | \$0 | \$29 | \$1 | \$29 |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | \$24 | \$11 | \$366 | \$377 | \$401 | \$849 | \$19 | \$830 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds MA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Gas Storage Balancing Acct. GSBA-C | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cleanup Cost Acct HSCCA | \$19 | \$9 | \$273 | \$282 | \$301 | \$520 | \$12 | \$509 |
| Master Meter Balancing Account (MMBA) | \$9 | \$3 | \$18 | \$21 | \$29 | \$1,010 | \$23 | \$987 |
| Natural Gas Supp Refund Track Acct | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Margin Only | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Nonmargin Other | \$17 | \$8 | \$249 | \$257 | \$275 | \$275 | \$6 | \$268 |
| NFCA -Nonmargin SCG | \$168 | \$79 | \$2,417 | \$2,496 | \$2,664 | \$2,664 | \$60 | \$2,604 |
| NGVA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Non-Core Gas Storage Balancing Acct GSBA-NC | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| РВОРВА | (\$5) | (\$1) | (\$9) | (\$11) | (\$15) | (\$531) | (\$12) | (\$519 |
| Pension BA | \$36 | \$12 | \$74 | \$86 | \$121 | \$4,163 | \$93 | \$4,070 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | \$6 | \$3 | \$97 | \$100 | \$106 | \$224 | \$5 | \$219 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | \$47 | \$21 | \$714 | \$735 | \$782 | \$1,653 | \$37 | \$1,616 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | \$280 | \$214 | \$735 | \$949 | \$1,228 | \$14,864 | \$333 | \$14,531 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$15 | \$6 | \$223 | \$229 | \$244 | \$516 | \$12 | \$504 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | \$32 | \$25 | \$85 | \$109 | \$141 | \$1,711 | \$38 | \$1,672 |
| RD&D 1-Way Bal Acct (Pre-2001) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Bal Acct RPBA | \$3 | \$1 | \$7 | \$8 | \$12 | \$406 | \$9 | \$396 |
| Self Gen Memo Acct - SGPMA-CSI | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Self Gen Memo Acct - SGPMA-NonCSI | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SGPMA - Rev Reg for NEXT Year | \$20 | \$6 | \$41 | \$48 | \$67 | \$2,317 | \$52 | \$2,265 |
| Gain/Loss on Sale Memo Acct GLOSMA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Integrated Transmission Margin ITBA | \$11 | \$5 | \$166 | \$171 | \$182 | \$326 | \$7 | \$319 |
| | | | - Page 89 of | | Ţ.0 <u>=</u> | | Current Cost A | |

| MARGINAL COST COMPONENTS \$000's | Source | Allocation | Total System | Res | NGV | Core C&I | Total Core | NCCI | EG <3 mmth/yr |
|---|--|------------------------------------|------------------|----------------|--------------|----------------|---------------|------------------|------------------|
| Subtotal Other Operating Costs and Revenues | • | | | | | | | | |
| Regulatory Accounts | | | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| On-Bill Financing Balancing Account (OBFBA) | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| Baseline Balance BA | Reg. Acct Filing 10/2017 | 100% Res | 100.0% | 100.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% |
| CFCA -Margin Only (non-NGV) | Reg. Acct Filing 10/2017 | ECPT-Core (non NGV) | 100.0% | 63.7% | 0.0% | 36.3% | 100.0% | 0.0% | 0.0% |
| CFCA -NGV only | Reg. Acct Filing 10/2017 | NGV only | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| CFCA -Nonmargin Other | Reg. Acct Filing 10/2017 | ECPT-Core | 100.0% | 61.4% | 3.6% | 35.0% | 100.0% | 0.0% | 0.0% |
| CFCA -Nonmargin SCG | Reg. Acct Filing 10/2017 | ECPT-Core | 100.0% | 61.4% | 3.6% | 35.0% | 100.0% | 0.0% | 0.0% |
| Environmental Fee Balance Account EFBA | Reg. Acct Filing 10/2017 | ECPT AB32 Fee Non-Exempt | 100.0% | 42.4% | 2.5% | 24.2% | 69.1% | 6.0% | 2.3% |
| Disconnect Memorandum Account (DMA) | Reg. Acct Filing 10/2017 | 100% Res | 100.0% | 100.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | Reg. Acct Filing 10/2017 | CYPM | 100.0% | 36.9% | 1.2% | 14.6% | 52.7% | 2.8% | 1.3% |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | Reg. Acct Filing 10/2017 | ECPT | 100.0% | 25.9% | 1.5% | 14.8% | 42.2% | 3.6% | 1.7% |
| Green House Gas Balancing Account (GHGBA) - End User | Reg. Acct Filing 10/2017 | ECPT GHG Fee Non-Exempt | 100.0% | 55.5% | 3.2% | 31.7% | 90.4% | 4.7% | 3.5% |
| Green House Gas Balancing Account (GHGBA) - LUAF | Reg. Acct Filing 10/2017 | Method #3 -76.7% core @ ECPT / 23. | 100.0% | 47.1% | 2.7% | 26.9% | 76.7% | 1.5% | 0.7% |
| FERC Settlement Proceeds MA | Reg. Acct Filing 10/2017 | CAT allocation | 100.0% | 5.5% | 23.5% | 70.9% | 100.0% | 0.0% | 0.0% |
| Core Gas Storage Balancing Acct. GSBA-C | Reg. Acct Filing 10/2017 | ECPT-Core | 100.0% | 61.4% | 3.6% | 35.0% | 100.0% | 0.0% | 0.0% |
| Hazardous Substance Cleanup Cost Acct HSCCA | Reg. Acct Filing 10/2017 | | 100.0% | 25.9% | 1.5% | 14.8% | 42.2% | 3.6% | 1.7% |
| Master Meter Balancing Account (MMBA) | Reg. Acct Filing 10/2017 | | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| Natural Gas Supp Refund Track Acct | Reg. Acct Filing 10/2017 | ECPT | 100.0% | 25.9% | 1.5% | 14.8% | 42.2% | 3.6% | 1.7% |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | Reg. Acct Filing 10/2017 | | 100.0% | 42.4% | 2.5% | 24.2% | 69.1% | 6.0% | 2.3% |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | Reg. Acct Filing 10/2017 | • | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | Reg. Acct Filing 10/2017 | | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| NFCA -Margin Only | Reg. Acct Filing 10/2017 | | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 29.3% | 9.5% |
| NFCA -Nonmargin Other | Reg. Acct Filing 10/2017 | | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 6.3% | 3.0% |
| NFCA -Nonmargin SCG | Reg. Acct Filing 10/2017 | ECPT-Noncore | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 6.3% | 3.0% |
| NGVA | Reg. Acct Filing 10/2017 | ECPT | 100.0% | 25.9% | 1.5% | 14.8% | 42.2% | 3.6% | 1.7% |
| Non-Core Gas Storage Balancing Acct GSBA-NC | Reg. Acct Filing 10/2017 | | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 6.3% | 3.0% |
| PBOPBA | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| Pension BA | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | Reg. Acct Filing 10/2017 | CYPM | 100.0% | 36.9% | 1.2% | 14.6% | 52.7% | 2.8% | 1.3% |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | Reg. Acct Filing 10/2017 | | 100.0% | 69.2% | 1.2% | 21.3% | 91.7% | 1.9% | 1.4% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | Reg. Acct Filing 10/2017 | | 100.0% | 36.9% | 1.2% | 14.6% | 52.7% | 2.8% | 1.3% |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | Reg. Acct Filing 10/2017 | % HPD Peak Day | 100.0% | 69.2% | 1.2% | 21.3% | 91.7% | 1.9% | 1.4% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | Reg. Acct Filing 10/2017 | • | 100.0% | 36.9% | 1.2% | 14.6% | 52.7% | 2.8% | 1.3% |
| | | | 100.0% | 69.2% | 1.2% | 21.3% | 91.7% | 1.9% | 1.4% |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | Reg. Acct Filing 10/2017 | | | | | | 42.2% | | |
| RD&D 1-Way Bal Acct (Pre-2001) Rewards & Penalties Bal Acct RPBA | Reg. Acct Filing 10/2017 Reg. Acct Filing 10/2017 | | 100.0% 100.0% | 25.9% 85.7% | 1.5% 0.4% | 14.8% 11.0% | 97.1% | 3.6% 0.9% | 1.7% 0.3% |
| Self Gen Memo Acct - SGPMA-CSI | Reg. Acct Filing 10/2017 Reg. Acct Filing 10/2017 | | | | | | | 0.9% | |
| | - | | 100.0% | 85.7% 95.7% | 0.4% | 11.0% | 97.1% | | 0.3% |
| Self Gen Memo Acct - SGPMA-NonCSI | Reg. Acct Filing 10/2017 | | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| SGPMA - Rev Req for NEXT Year | Reg. Acct Filing 10/2017 | | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| Gain/Loss on Sale Memo Acct GLOSMA | Reg. Acct Filing 10/2017 | | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| Integrated Transmission Margin ITBA File = 2020 TCAP SDGE RD Model Cha | Reg. Acct Filing 10/2017 udhury SDGE Workp | apers - Page 90 of 118 | 100.0% | 27.7% | 1.4% | 14.9% Tab | = Curren | 3.5% t Cost A | 1.7% Alloc |

| MARGINAL COST COMPONENTS \$000's | EG>=3 | Total EG | Total NonCore | |
|--|--------------|----------|------------------|---|
| Subtotal Other Operating Costs and Revenues | | Total LO | HOHOOFE | |
| | | | | |
| Regulatory Accounts | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | 1.8% | 0.0% | 2.9% | |
| On-Bill Financing Balancing Account (OBFBA) | 1.8% | 0.0% | 2.9% | |
| Baseline Balance BA | 0.0% | 0.0% | 0.0% | |
| CFCA -Margin Only (non-NGV) | 0.0% | 0.0% | 0.0% | |
| CFCA -NGV only | 0.0% | 0.0% | 0.0% | |
| CFCA -Nonmargin Other | 0.0% | 0.0% | 0.0% | |
| CFCA -Nonmargin SCG | 0.0% | 0.0% | 0.0% | |
| Environmental Fee Balance Account EFBA | 22.6% | 25.0% | 30.9% | |
| Disconnect Memorandum Account (DMA) | 0.0% | 0.0% | 0.0% | |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | 1.8% | 0.0% | 2.9% | |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | 43.2% | 0.0% | 47.3% | |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | 52.5% | 0.0% | 57.8% | |
| Green House Gas Balancing Account (GHGBA) - End User | 1.4% | 4.9% | 9.6% | |
| Green House Gas Balancing Account (GHGBA) - LUAF | 21.1% | 21.8% | 23.3% | |
| FERC Settlement Proceeds MA | 0.0% | 0.0% | 0.0% | |
| Core Gas Storage Balancing Acct. GSBA-C | 0.0% | 0.0% | 0.0% | |
| Hazardous Substance Cleanup Cost Acct HSCCA | 52.5% | 0.0% | 57.8% | |
| Master Meter Balancing Account (MMBA) | 1.8% | 0.0% | 2.9% | |
| Natural Gas Supp Refund Track Acct | 52.5% | 0.0% | 57.8% | |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subacc | | 25.0% | 30.9% | |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | 1.8% | 0.0% | 2.9% | |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subacco | | 0.0% | 2.9% | |
| | 61.2% | 70.7% | 100.0% | |
| NFCA -Margin Only | 90.7% | 0.0% | 100.0% | |
| NFCA Nonmargin Other | | | | |
| NFCA -Nonmargin SCG | 90.7% | 0.0% | 100.0% | |
| NGVA | 52.5% | 0.0% | 57.8% | |
| Non-Core Gas Storage Balancing Acct GSBA-NC | 90.7% | 0.0% | 100.0% | |
| PBOPBA | 1.8% | 0.0% | 2.9% | |
| Pension BA | 1.8% | 0.0% | 2.9% | |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | 43.2% | 0.0% | 47.3% | |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | 4.9% | 6.4% | 8.3% | |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmiss | | 0.0% | 47.3% | |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | 4.9% | 6.4% | 8.3% | |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | 43.2% | 0.0% | 47.3% | |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | 4.9% | 6.4% | 8.3% | |
| RD&D 1-Way Bal Acct (Pre-2001) | 52.5% | 0.0% | 57.8% | |
| Rewards & Penalties Bal Acct RPBA | 1.8% | 0.0% | 2.9% | |
| Self Gen Memo Acct - SGPMA-CSI | 1.8% | 0.0% | 2.9% | |
| Self Gen Memo Acct - SGPMA-NonCSI | 1.8% | 0.0% | 2.9% | |
| SGPMA - Rev Req for NEXT Year | 1.8% | 0.0% | 2.9% | |
| Gain/Loss on Sale Memo Acct GLOSMA | 1.8% | 0.0% | 2.9% | |
| Integrated Transmission Margin ITBA | 50.8% | 0.0% | 56.0% | |
| | Chaudhury SI | | | Ρ |

| MARGINAL COST COMPONENTS \$000's | | | | Res | NGV | Core C&I | Total Core |
|--|---|---|----------|-----------|-----------|-----------|-------------------|
| Integrated Transmission Nonmargin ITBA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | Υ | N | \$0 | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | | N | \$0 | \$0 | \$0 | \$0 | \$0 |
| CSI Thermal Program memoradum Account | | Υ | \$1,601 | \$855 | \$38 | \$605 | \$1,498 |
| Catastrophic Event Memo. Acct 2007 (CEMA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Z-Factor Memorandum Account | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Regulatory Accounts | | | \$59,691 | \$37,858 | \$1,028 | \$15,479 | \$54,365 |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | \$292,977 | \$2,603 | \$50,744 | \$346,324 |
| AVERAGE YEAR THROUGHPUT, Mth/yr | | | | 319,982 | 18,501 | 182,660 | 521,144 |
| Average Rate \$/th | | | | \$0.91560 | \$0.14069 | \$0.27781 | \$0.66455 |
| FFU Rate | | | | 102.29% | 102.29% | 102.29% | 102.29% |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | | |
|--|-----------|-----------|-----------|-----------|---------------|--------------|---------|----------|
| Integrated Transmission Nonmargin ITBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CSI Thermal Program memoradum Account | \$140 | \$0 | \$0 | \$0 | \$140 | \$1,638 | \$37 | \$1,601 |
| Catastrophic Event Memo. Acct 2007 (CEMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Z-Factor Memorandum Account | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Regulatory Accounts | \$828 | \$403 | \$5,465 | \$5,868 | \$6,696 | \$61,061 | \$1,370 | \$59,691 |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | \$3,788 | \$1,438 | \$17,651 | \$19,089 | \$22,877 | \$369,201 | | |
| AVERAGE YEAR THROUGHPUT, Mth/yr | 44,975 | 21,281 | 648,600 | 669,882 | 714,857 | 1,236,000 | | |
| Average Rate \$/th | \$0.08422 | \$0.06757 | \$0.02721 | \$0.02850 | \$0.03200 | \$0.29871 | | |
| FFU Rate | 102.29% | 102.29% | 102.29% | 102.29% | 102.29% | 102.29% | | |

SDG&E Cost Allocation Allocation Allocation %

July, 2018 Rates

| | | | Total | | | Core | Total | | EG <3 |
|--|--------------------------|--------------------------------|--------|-------|------|-------|-------|------|---------|
| MARGINAL COST COMPONENTS \$000's | Source | Allocation | System | Res | NGV | C&I | Core | NCCI | mmth/yr |
| Integrated Transmission Nonmargin ITBA | Reg. Acct Filing 10/2017 | CYTP | 100.0% | 27.7% | 1.4% | 14.9% | 44.0% | 3.5% | 1.7% |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| GRCRRMA Sub allocation for AB32 Admin Fees | Reg. Acct Filing 10/2017 | ECPT AB32 Fee Non-Exempt | 100.0% | 42.4% | 2.5% | 24.2% | 69.1% | 6.0% | 2.3% |
| CSI Thermal Program memoradum Account | Reg. Acct Filing 10/2017 | ECPT ex CARE, EG, Cost. Exempt | 100.0% | 52.2% | 2.3% | 36.9% | 91.4% | 8.6% | 0.0% |
| Catastrophic Event Memo. Acct 2007 (CEMA) | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |
| Z-Factor Memorandum Account | Reg. Acct Filing 10/2017 | EPAM | 100.0% | 85.7% | 0.4% | 11.0% | 97.1% | 0.9% | 0.3% |

Total Regulatory Accounts

| ansport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | |
|---|---|
| ERAGE YEAR THROUGHPUT, Mth/yr | |
| erage Rate \$/th | |
| U Rate | 1 |

MISC Inputs

July, 2018 Rates

| | EG>=3 | | Total |
|--|---------|----------|---------|
| MARGINAL COST COMPONENTS \$000's | mmth/yr | Total EG | NonCore |
| Integrated Transmission Nonmargin ITBA | 50.8% | 0.0% | 56.0% |
| General Rate Case Revenue Requirement Memorandum Account (GRCMA) | 1.8% | 0.0% | 2.9% |
| GRCRRMA Sub allocation for AB32 Admin Fees | 22.6% | 25.0% | 30.9% |
| CSI Thermal Program memoradum Account | 0.0% | 0.0% | 8.6% |
| Catastrophic Event Memo. Acct 2007 (CEMA) | 1.8% | 0.0% | 2.9% |
| Z-Factor Memorandum Account | 1.8% | 0.0% | 2.9% |

Total Regulatory Accounts

| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr |
|---|
| AVERAGE YEAR THROUGHPUT, Mth/yr |
| Average Rate \$/th |
| FFU Rate |

| MARGINAL COST COMPONENTS \$000's | Res | NGV | Core C&I | Total Core |
|--|-----------|--------------------|-----------|------------|
| Sempra Wide & TLS Adjustments:: | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | \$292,977 | \$2,603 | \$50,744 | \$346,324 |
| SW NGV Adjustment | | \$262 | | \$262 |
| SW EG Adjustment | | | | \$0 |
| TLS Adjustment | | | | |
| Amount allocated to TLS Class \$000 | | | | \$0 |
| TLS revenue paid by class @ average TLS rate \$000 | | | | \$0 |
| | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | \$292,977 | \$2,864 | \$50,744 | \$346,586 |
| Rate Tables | \$292,977 | \$2,864 | \$50,744 | \$346,586 |
| difference | \$0 | \$0 | \$0 | <i>\$0</i> |
| AYTP Mth/yr | 319,982 | 18,501 | 182,660 | 521,144 |
| Average Rate w/oBTS \$/th | \$0.91560 | \$0.15482 | \$0.27781 | \$0.66505 |
| Rate Tables | \$0.91560 | \$0.15 4 82 | \$0.27781 | \$0.66505 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| BTS w/FFU Charge \$000 | \$9,177 | \$479 | \$4,914 | \$14,570 |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | \$302,154 | \$3,344 | \$55,659 | \$361,156 |
| Average Rate w/ BTS \$/th | \$0.94428 | \$0.18073 | \$0.30471 | \$0.69301 |
| Effective Allocation %'s: | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | 78.8% | 0.6% | 11.4% | 90.8% |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 85.7% | 0.4% | 11.0% | 97.1% |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | 79.4% | 0.7% | 13.7% | 93.8% |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | 79.4% | 0.8% | 13.8% | 94.0% |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | |
|--|-----------|-----------|-----------|------------|---------------|--------------|--|
| Sempra Wide & TLS Adjustments:: | | | | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | \$3,788 | | | \$19,089 | \$22,877 | \$369,201 | |
| SW NGV Adjustment | | | | | \$0 | \$262 | |
| SW EG Adjustment | | | | \$1,794 | \$1,794 | \$1,794 | |
| TLS Adjustment | | | | | | | |
| Amount allocated to TLS Class \$000 | (\$541) | | | (\$14,127) | (\$14,667) | (\$14,667) | |
| TLS revenue paid by class @ average TLS rate \$000 | \$419 | | | \$11,756 | \$12,175 | \$12,175 | |
| | (\$121) | | | (\$2,371) | (\$2,492) | (\$2,492) | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | \$3,667 | | | \$18,513 | \$22,179 | \$368,765 | |
| Rate Tables | \$3,667 | | | \$18,513 | \$22,179 | \$368,765 | |
| difference | \$0 | | | \$0 | \$0 | \$0 | |
| AVTD MIL / | 44.075 | | | 000,000 | 744.057 | 4 000 000 | |
| AYTP Mth/yr | 44,975 | | | 669,882 | 714,857 | 1,236,000 | |
| Average Rate w/oBTS \$/th | \$0.08152 | | | \$0.02764 | \$0.03103 | \$0.29835 | |
| Rate Tables | \$0.08152 | | | \$0.02764 | \$0.03103 | \$0.29835 | |
| difference | \$0.00000 | | | \$0.00000 | \$0.00000 | \$0.00000 | |
| BTS w/FFU Charge \$000 | \$1,165 | \$551 | \$16,804 | \$17,355 | \$18,521 | \$33,091 | |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | \$4,832 | • | | \$35,868 | \$40,700 | \$401,856 | |
| Average Rate w/ BTS \$/th | \$0.10743 | | | \$0.05354 | \$0.05693 | \$0.32513 | |
| Effective Allocation %'s: | | | | | | | |
| | 1.2% | 0.4% | 7.6% | 8.0% | 9.2% | 100.0% | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | 0.9% | 0.3% | 1.8% | 2.1% | 2.9% | 100.0% | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | 1.0% | 0.4% | 4.8% | 5.2% | 6.2% | 100.0% | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | 1.0% | 0.0% | 0.0% | 5.0% | 6.0% | 100.0% | |

SDG&E Cost Allocation Allocation Allocation %

| MARGINAL COST COMPONENTS \$000's | Source | Allocation | Total System | Res | NGV | Core C&I | Total Core | NCCI | EG <3 mmth/yr |
|--|------------------|--------------|-----------------|------|-----|-------------|---------------|------|------------------|
| Sempra Wide & TLS Adjustments:: | | 7.110001.011 | Cyclom | 1100 | | | 00.0 | | |
| Transport Rev Reg w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | | | |
| SW NGV Adjustment | | | | | | | | | |
| SW EG Adjustment | | | | | | | | | |
| TLS Adjustment | | | | | | | | | |
| Amount allocated to TLS Class \$000 | | | | | | | | | |
| TLS revenue paid by class @ average TLS rate \$000 | | | | | | | | | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | _ | | | | | | | | |
| Rate Tables | Cost Alloc | | | | | | | | |
| difference | | | | | | | | | |
| AYTP Mth/yr | | | | | | | | | |
| Average Rate w/oBTS \$/th | | | | | | | | | |
| Rate Tables | Cost Alloc | | | | | | | | |
| difference | | | | | | | | | |
| BTS w/FFU Charge \$000 | SCG/ Local & BBT | | | | | | | | |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | | | | | | | | | |
| Average Rate w/ BTS \$/th | = | | | | | | | | |
| Effective Allocation %'s: | | | | | | | | | |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | | | | | | | | | |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | | | | | | | | | |
| Transport Rev Reg w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | | | | | | |
| Transport Rev Reg w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | | | | | | | | | |
| The state of the s | | | | | | | | | |

July, 2018 Rates

MARGINAL COST COMPONENTS \$000's

EG>=3

Total mmth/yr Total EG NonCore

Sempra Wide & TLS Adjustments::

Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr SW NGV Adjustment SW EG Adjustment

TLS Adjustment

Amount allocated to TLS Class \$000

TLS revenue paid by class @ average TLS rate \$000

Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr

Rate Tables difference

AYTP Mth/yr

Average Rate w/oBTS \$/th

Rate Tables difference

BTS w/FFU Charge \$000

Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr

Average Rate w/ BTS \$/th

Effective Allocation %'s:

Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr

| MARGINAL COST COMPONENTS \$000's | Res | NGV | Core C&I | Total Core |
|--|-------------|---------|----------|-------------------|
| Embedded Costs: | | | | |
| Customer Related Costs | (\$12,197) | (\$87) | \$743 | (\$11,541) |
| Medium Pressure Distribution Costs | \$2,000 | \$429 | \$5,006 | \$7,435 |
| High Pressure Distribution Costs | \$6,265 | \$157 | \$2,804 | \$9,226 |
| Backbone Transmission Costs | (\$695) | \$182 | \$310 | (\$203) |
| Local Transmission Costs | \$0 | \$0 | \$0 | \$0 |
| Storage - Borrego | \$0 | \$0 | \$0 | \$0 |
| Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | \$0 | \$0 | \$0 | \$0 |
| NGV | <u></u> \$0 | \$153 | \$0 | \$153 |
| Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | (\$4,627) | \$833 | \$8,864 | \$5,070 |
| Less Backbone Transmission Costs | \$695 | (\$182) | (\$310) | \$203 |
| Less Local Transmission Costs | \$0 | \$0 | \$0 | \$0 |
| | \$0 | \$0 | \$0 | \$0 |
| Plus Local Transmission Costs w/SI,FFU | (\$90) | \$24 | \$201 | \$135 |
| Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | (\$4,022) | \$675 | \$8,755 | \$5,408 |

| | | | Amount to | | | | |
|---|---------------|-----------|---------------|---------|--------|---------|-----------|
| | | Add FFU Y | Allocate (w/o | | | | |
| Other Operating Costs and Revenues | Non-ECPT? | or N? | F&U) | | | | |
| SCG Transport excl Core Storge & Load Balance \$000 | | Y | (\$3,800) | (\$896) | (\$26) | (\$444) | (\$1,367) |
| SCG Core Seasonal Storage | | Υ | \$4,898 | \$3,549 | \$19 | \$1,443 | \$5,011 |
| SCG Load Balancing Allocated to ALL SDGE \$000 | | Υ | \$4,899 | \$1,500 | \$134 | \$981 | \$2,615 |
| n/a | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| LUAF | | Υ | (\$333) | (\$195) | \$4 | (\$70) | (\$261) |
| Company Use Gas: Other | | Υ | (\$71) | (\$16) | (\$0) | (\$7) | (\$23) |
| AMI rev req incl FF&U AL 1693-G | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| AB32 Fees (subtracted from base margin and allocated here) | | Υ | \$0 | \$18 | \$6 | \$24 | \$48 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenu | e Requirement | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Subtotal Other Operating Costs and Revenues | | | \$5,593 | \$3,960 | \$136 | \$1,926 | \$6,022 |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total |
|---|---------|-----------|-----------|-----------|---------------|--------------|
| Embedded Costs: | | | | | | |
| Customer Related Costs | (\$720) | \$373 | (\$66) | \$307 | (\$413) | (\$11,954) |
| Medium Pressure Distribution Costs | \$66 | \$401 | (\$11) | \$389 | \$455 | \$7,890 |
| High Pressure Distribution Costs | \$169 | \$151 | \$67 | \$218 | \$387 | \$9,614 |
| Backbone Transmission Costs | \$30 | \$280 | (\$5,809) | (\$5,529) | (\$5,499) | (\$5,702) |
| Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Borrego | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Storage - Load Balancing | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NGV | \$0 | \$0 | \$0 | \$0 | \$0 | \$153 |
| otal Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | (\$456) | \$1,204 | (\$5,819) | (\$4,614) | (\$5,070) | \$0 |
| Less Backbone Transmission Costs | (\$30) | (\$280) | \$5,809 | \$5,529 | \$5,499 | \$5,702 |
| Less Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Plus Local Transmission Costs w/SI,FFU | (\$1) | \$33 | (\$1,433) | (\$1,400) | (\$1,401) | (\$1,266) |
| otal Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | (\$487) | \$958 | (\$1,443) | (\$485) | (\$972) | \$4,436 |

| Other Operating Costs and Revenues | | | | | | | F&U Amount \$000 | Total Allocated \$000 |
|--|---------|--------|-----------|-----------|-----------|-----------|---------------------|--------------------------|
| SCG Transport excl Core Storge & Load Balance \$000 | (\$114) | (\$22) | (\$2,385) | (\$2,407) | (\$2,521) | (\$3,888) | (\$87) | (\$3,800) |
| SCG Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,011 | \$112 | \$4,898 |
| SCG Load Balancing Allocated to ALL SDGE \$000 | \$234 | \$169 | \$1,994 | \$2,163 | \$2,397 | \$5,012 | \$112 | \$4,899 |
| n/a | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| LUAF | \$3 | \$7 | (\$89) | (\$82) | (\$79) | (\$341) | (\$8) | (\$333) |
| Company Use Gas: Other | (\$2) | \$0 | (\$48) | (\$48) | (\$50) | (\$73) | (\$2) | (\$71) |
| AMI rev req incl FF&U AL 1693-G | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AB32 Fees (subtracted from base margin and allocated here) | \$5 | \$11 | (\$64) | (\$53) | (\$48) | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Subtotal Other Operating Costs and Revenues | \$126 | \$165 | (\$592) | (\$427) | (\$301) | \$5,721 | \$128 | \$5,593 |

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TLS:

| Less Backbone Transmission Costs (\$31) (\$176) \$1,213 \$1 \$4,492 \$4,493 Less Local Transmission Costs \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 Plus Local Transmission Costs w/SI,FFU \$1 \$32 (\$187) (\$3) (\$1,244) (\$1,247) Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU (\$441) \$975 (\$155) (\$46) (\$1,305) (\$1,351) Other Operating Costs and Revenues | MARGINAL COST COMPONENTS \$000's | NCCI-D | EG-D1 | EG-D2 | NCCI-T | EG-T | Total SDG&E TLS |
|---|--|---------|---------|-----------|--------|-----------|--------------------|
| Medium Pressure Distribution Costs \$66 \$401 \$11 \$5 \$5 \$5 \$5 \$5 \$5 | Embedded Costs: | | | | | | |
| High Pressure Distribution Costs \$169 | Customer Related Costs | (\$677) | \$392 | (\$24) | (\$43) | (\$61) | (\$104) |
| Backbone Transmission Costs \$31 \$176 \$1213 \$19 \$4492 \$4493 \$1000 \$10 | Medium Pressure Distribution Costs | \$66 | \$401 | (\$11) | \$0 | \$0 | \$0 |
| Local Transmission Costs \$0 | High Pressure Distribution Costs | \$169 | \$151 | * * * | \$0 | | |
| Core Seasonal Storage | Backbone Transmission Costs | \$31 | \$176 | (\$1,213) | (\$1) | (\$4,492) | (\$4,493) |
| Core Seasonal Storage \$0 | Local Transmission Costs | \$0 | \$0 | | | \$0 | |
| Storage - Load Balancing Storage - Load Bala | Storage - Borrego | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NGV S0 S0 S0 S0 S0 S0 S0 S | Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| State Margin Allocation pre-SI, pre-BTS Unbndle w/FFU S1.119 S1.119 S1.1180 (\$45) (\$4,553) (\$4,597) | Storage - Load Balancing | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Less Backbone Transmission Costs (\$31) (\$176) \$1,213 \$1 \$4,492 \$4,493 \$4,693 \$1 \$2,493 \$1 \$2,493 \$1 \$2,493 \$1 \$2,493 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$ | NGV | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Less Backbone Transmission Costs (\$31) (\$176) \$1,213 \$1 \$4,492 \$4,493 Less Local Transmission Costs \$0 | Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU | (\$411) | \$1,119 | (\$1,180) | (\$45) | (\$4,553) | (\$4,597) |
| Plus Local Transmission Costs w/SI,FFU | Less Backbone Transmission Costs | (\$31) | (\$176) | \$1,213 | | \$4,492 | \$4,493 |
| Cher Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 \$69 \$29 \$345 \$164 \$86 \$1,845 \$1,931 \$100 \$1,000 | Less Local Transmission Costs | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000 (\$69) (\$29) (\$345) (\$45) (\$2,033) (\$2,078) SCG Core Seasonal Storage \$0 <td>Plus Local Transmission Costs w/SI,FFU</td> <td>\$1</td> <td>\$32</td> <td>(\$187)</td> <td>(\$3)</td> <td>(\$1,244)</td> <td>(\$1,247)</td> | Plus Local Transmission Costs w/SI,FFU | \$1 | \$32 | (\$187) | (\$3) | (\$1,244) | (\$1,247) |
| SCG Transport excl Core Storge & Load Balance \$000 (\$69) (\$29) (\$345) (\$45) (\$2,033) (\$2,078) SCG Core Seasonal Storage \$0 | Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU | (\$441) | \$975 | (\$155) | (\$46) | (\$1,305) | (\$1,351) |
| SCG Transport excl Core Storge & Load Balance \$000 (\$69) (\$29) (\$345) (\$45) (\$2,033) (\$2,078) SCG Core Seasonal Storage \$0 | | | | | | | |
| SCG Core Seasonal Storage \$0 \$0 \$0 \$0 \$0 SCG Load Balancing Allocated to ALL SDGE \$000 \$147 \$154 \$164 \$86 \$1,845 \$1,931 n/a \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 LUAF \$2 \$4 (\$21) \$1 (\$65) (\$64) Company Use Gas: Other (\$1) (\$0) (\$7) (\$1) (\$40) (\$41) AMI rev req incl FF&U AL 1693-G \$0 \$0 \$0 \$0 \$0 \$0 \$0 AB32 Fees (subtracted from base margin and allocated here) \$3 \$7 (\$21) \$2 (\$39) (\$37) Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue \$0 < | Other Operating Costs and Revenues | | | | | | |
| SCG Load Balancing Allocated to ALL SDGE \$000 \$147 \$154 \$164 \$86 \$1,845 \$1,931 n/a \$0 \$0 \$0 \$0 \$0 \$0 \$0 LUAF \$2 \$4 (\$21) \$1 (\$65) (\$64) Company Use Gas: Other (\$1) (\$0) \$0 \$0 \$0 \$0 \$0 \$0 AMI rev req incl FF&U AL 1693-G \$0 </td <td>SCG Transport excl Core Storge & Load Balance \$000</td> <td>(\$69)</td> <td>(\$29)</td> <td>(\$345)</td> <td>(\$45)</td> <td>(\$2,033)</td> <td>(\$2,078)</td> | SCG Transport excl Core Storge & Load Balance \$000 | (\$69) | (\$29) | (\$345) | (\$45) | (\$2,033) | (\$2,078) |
| n/a \$0 | SCG Core Seasonal Storage | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| LUAF \$2 \$4 (\$21) \$1 (\$65) (\$64) Company Use Gas: Other (\$1) (\$0) (\$7) (\$1) (\$40) (\$41) AMI rev req incl FF&U AL 1693-G \$0 | SCG Load Balancing Allocated to ALL SDGE \$000 | \$147 | \$154 | \$164 | \$86 | \$1,845 | \$1,931 |
| Company Use Gas: Other (\$1) (\$0) (\$7) (\$1) (\$40) (\$41) AMI rev req incl FF&U AL 1693-G \$0 \$ | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AMI rev req incl FF&U AL 1693-G \$0 \$37 (\$37) (\$37) \$3 \$7 (\$21) \$2 (\$39) (\$37) \$0 | LUAF | \$2 | \$4 | (\$21) | \$1 | (\$65) | (\$64) |
| AB32 Fees (subtracted from base margin and allocated here) \$3 \$7 (\$21) \$2 (\$39) (\$37) Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | Company Use Gas: Other | (\$1) | (\$0) | (\$7) | (\$1) | (\$40) | (\$41) |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | AMI rev req incl FF&U AL 1693-G | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | AB32 Fees (subtracted from base margin and allocated here) | \$3 | \$7 | (\$21) | \$2 | (\$39) | (\$37) |
| Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement \$0 \$0 \$0 \$0 \$0 \$0 | Green House Gas Balancing Account (GHGBA) - Company Gas Compressor Revenue | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| | Green House Gas Balancing Account (GHGBA) - End User Revenue Requirement | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Subtotal Other Operating Costs and Revenues \$83 \$136 (\$231) \$43 (\$333) (\$289) | Green House Gas Balancing Account (GHGBA) - LUAF Revenue Requirement | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| | Subtotal Other Operating Costs and Revenues | \$83 | \$136 | (\$231) | \$43 | (\$333) | (\$289) |

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| MARGINAL COST COMPONENTS \$000's | | | | Res | NGV | Core C&I | Total Core |
|---|----------------|------------|-------------|--------------------------|--------------|---------------|-------------------|
| Regulatory Accounts | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | Υ | Υ | \$0 | (\$16) | \$1 | \$17 | \$2 |
| Baseline Balance BA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Margin Only | | Υ | \$0 | (\$532) | \$0 | \$532 | \$0 |
| CFCA -NGV only | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Nonmargin Other | | Υ | \$0 | (\$15) | \$6 | \$9 | \$0 |
| CFCA -Nonmargin SCG | | Υ | \$0 | (\$1) | \$0 | \$0 | \$0 |
| Environmental Fee Balance Account EFBA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | | Υ | \$0 | \$39 | \$4 | \$40 | \$83 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds MA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Gas Storage Balancing Acct. GSBA-C | | Ϋ́ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cleanup Cost Acct HSCCA | | Y | \$0 | \$12 | \$4 | \$14 | \$30 |
| Master Meter Balancing Account (MMBA) | Υ | Y Y | \$0 | (\$27) | \$2 | \$29 | \$4 |
| Natural Gas Supp Refund Track Acct | , | Y | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subar | ccount | Y | \$0 | \$0 | \$0 \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | Y | Y | \$ 0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | | Y | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| | Y Y | Y | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| NFCA -Margin Only NFCA -Nonmargin Other | 1 | Y | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| • | | Y | \$0 \$0 | | | | \$0 \$0 |
| NFCA -Nonmargin SCG | | Ϋ́ | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| NGVA | | · · | | \$0 \$0 | \$0 ©0 | \$0 \$0 | • |
| Non-Core Gas Storage Balancing Acct GSBA-NC | | Y | \$ 0 | \$0 | \$0 (\$4) | \$0 (\$45) | \$0 |
| PBOPBA | Y | Y | \$0 | \$14 | (\$1) | (\$15) | (\$2) |
| Pension BA | Y | Y | \$0 | (\$112) | \$9 | \$118 | \$16 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | | Y | \$0 | \$10 | \$1 | \$11 | \$22 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | | Y | \$0 | \$0 | \$0 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transm | ission | Υ | \$0 | \$76 | \$8 | \$78 | \$161 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | | Υ | \$0 | (\$315) | \$31 | \$614 | \$330 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | 1 | Υ | \$0 | \$24 | \$2 | \$24 | \$50 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | | Υ | \$0 | (\$36) | \$4 | \$71 | \$38 |
| RD&D 1-Way Bal Acct (Pre-2001) | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Bal Acct RPBA | Υ | Υ | \$0 | (\$11) | \$1 | \$12 | \$2 |
| Self Gen Memo Acct - SGPMA-CSI | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Self Gen Memo Acct - SGPMA-NonCSI | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| SGPMA - Rev Req for NEXT Year | Υ | Υ | \$0 | (\$1,975) | (\$10) | \$21 | (\$1,964) |
| Gain/Loss on Sale Memo Acct GLOSMA | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Integrated Transmission Margin ITBA | | Υ | \$0 | \$7 | \$2 | \$9 | \$19 |
| Integrated Transmission Nonmargin ITBA | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| CSI Thermal Program memoradum Account Model | Chaudhury SDGE | Workpapers | - Page 1 | 103 of ^(\$33) | \$37 | (\$7) | (\$3) Ta |

Tab = Reconcile

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | | |
|---|---------------------------|-------------------|--------------|-----------------------|---------------|--------------|-----------------|------------|
| Regulatory Accounts | | | | | | | | |
| Adv Mtring Infrastructure Balancing Acct AMIBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| On-Bill Financing Balancing Account (OBFBA) | (\$1) | \$2 | (\$3) | (\$1) | (\$2) | \$0 | \$0 | \$0 |
| Baseline Balance BA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Margin Only | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -NGV only | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Nonmargin Other | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CFCA -Nonmargin SCG | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | \$4 | \$5 | (\$91) | (\$86) | (\$83) | \$0 | (\$0) | \$0 |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds MA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Gas Storage Balancing Acct. GSBA-C | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cleanup Cost Acct HSCCA | \$3 | \$5 | (\$38) | (\$33) | (\$30) | \$0 | \$0 | \$0 |
| Master Meter Balancing Account (MMBA) | (\$2) | \$3 | (\$5) | (\$2) | (\$4) | \$0 | \$0 | \$0 |
| Natural Gas Supp Refund Track Acct | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subaccount | • | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Margin Only | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Nonmargin Other | \$5 | \$6 | (\$11) | (\$5) | \$0 | \$0 | \$0 | \$0 |
| NFCA -Nonmargin SCG | \$49 | \$58 | (\$107) | (\$49) | \$0 | \$0 | \$0 | \$0 |
| NGVA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Non-Core Gas Storage Balancing Acct GSBA-NC | \$ 0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| PBOPBA | \$1 | (\$2) | \$3 | \$0 \$1 | \$2 | \$0 | (\$0) | \$0 |
| Pension BA | (\$8) | \$14 | (\$22) | (\$8) | (\$16) | \$0 | \$0 | \$0 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | \$1 | \$1 | (\$24) | (\$23) | (\$22) | \$0 | \$0 \$0 | \$0 |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmission | · | \$0 \$10 | (\$178) | (\$168) | (\$161) | \$0 \$0 | \$0 \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | (\$10) | \$10 \$10 | (\$331) | (\$320) | (\$330) | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| | , | | | | | | \$0 \$0 | \$0 \$0 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$2 (\$4) | \$3 \$1 | (\$56) | (\$52) | (\$50) | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | (\$1) | | (\$38) | (\$37) | (\$38) | | | |
| RD&D 1-Way Bal Acct (Pre-2001) | \$0 (\$4) | \$0 \$4 | \$0 (\$3) | \$0 (\$4) | \$0 (\$3) | \$0 \$0 | \$0 \$0 | \$0 ©0 |
| Rewards & Penalties Bal Acct RPBA | (\$1) | \$1 \$0 | (\$2) | (\$1) | (\$2) | \$0 \$0 | \$0 \$0 | \$0 ©0 |
| Self Gen Memo Acct - SGPMA-CSI | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 *° | \$0 ©0 |
| Self Gen Memo Acct - SGPMA-NonCSI | \$0 (\$30) | \$0 \$107 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 *** | \$0 |
| SGPMA - Rev Req for NEXT Year | (\$20) | \$107 | \$1,876 | \$1,984 | \$1,964 | \$0 *** | \$0 *** | \$0 |
| Gain/Loss on Sale Memo Acct GLOSMA | \$0 \$0 | \$0 \$0 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 *** | \$0 |
| Integrated Transmission Margin ITBA | \$2 | \$3 \$0 | (\$23) | (\$20) | (\$19) | \$0 \$0 | \$0 \$0 | \$0 ©0 |
| Integrated Transmission Nonmargin ITBA | \$0 \$0 | \$0 \$0 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 *** | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) | \$0 \$0 | \$0 2 0 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 | \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 | \$0 \$0 | \$0 | \$0 | \$0 | \$0 \$0 | \$0 | \$0 |
| CSI Thermal Broson CAP SDGE RD Model Ch | audhurÿ ³ SDGl | E Workpapers | - Page 104 c | of 118 ^{\$0} | \$3 | \$0 | Tab = Reconcile | \$0 |

TLS:

| | | | | | | Total SDG&E |
|--|-----------------------------|-------------------|-------------|--------------|--------------|--------------|
| MARGINAL COST COMPONENTS \$000's | NCCI-D | EG-D1 | EG-D2 | NCCI-T | EG-T | TLS |
| Regulatory Accounts | • | 0 | 0 | 0 | 0 | • |
| Adv Mtring Infrastructure Balancing Acct AMIBA | \$0 (C1) | \$0 \$0 | \$0 (CO) | \$0 (\$0) | \$0 (\$2) | \$0 (\$2) |
| On-Bill Financing Balancing Account (OBFBA) | (\$1) | \$2 | (\$0) | (\$0) | (\$3) | (\$3) |
| Baseline Balance BA | \$0 | \$0 \$0 | \$0 \$0 | \$0 | \$0 \$0 | \$0 \$0 |
| CFCA -Margin Only | \$0 | \$0 2 0 | \$0 *** | \$0 | \$0 \$0 | \$0 |
| CFCA -NGV only | \$0 | \$0 2 0 | \$0 ••• | \$0 | \$0 \$0 | \$0 |
| CFCA -Nonmargin Other | \$0 | \$0 2 0 | \$0 *** | \$0 | \$0 \$0 | \$0 *** |
| CFCA -Nonmargin SCG | \$0 | \$0 2 0 | \$0 | \$0 | \$0 \$3 | \$0 |
| Environmental Fee Balance Account EFBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Disconnect Memorandum Account (DMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Distribution Integrity Management Program Memorandum Account (DIMPBA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Transmission Integrity Management Program Memorandum Account (TIMPBA) | \$2 | \$5 | (\$13) | \$1 | (\$78) | (\$77) |
| Green House Gas Balancing Account (GHGBA) - Company Gas Compressor | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - End User | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Green House Gas Balancing Account (GHGBA) - LUAF | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FERC Settlement Proceeds MA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Core Gas Storage Balancing Acct. GSBA-C | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hazardous Substance Cleanup Cost Acct HSCCA | \$2 | \$3 | (\$12) | \$1 | (\$25) | (\$24) |
| Master Meter Balancing Account (MMBA) | (\$2) | \$3 | (\$1) | (\$0) | (\$5) | (\$5) |
| Natural Gas Supp Refund Track Acct | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Admin Fees Subacc | count \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - C&T Subaccount | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Environmental Regulation Balancing Account (NERBA) - Subpart W Subacco | ount \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Margin Only | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NFCA -Nonmargin Other | \$3 | \$4 | (\$8) | \$2 | (\$1) | \$1 |
| NFCA -Nonmargin SCG | \$32 | \$42 | (\$81) | \$17 | (\$10) | \$7 |
| NGVA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Non-Core Gas Storage Balancing Acct GSBA-NC | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| PBOPBA | \$1 | (\$2) | \$0 | \$0 | \$2 | \$3 |
| Pension BA | (\$7) | \$14 | (\$3) | (\$1) | (\$20) | (\$20) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Transmission | \$1 | \$1 | (\$4) | \$0 | (\$21) | (\$20) |
| Pipeline Safety and Reliability Memo Acct (PSRMA) - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Local Transmis | sion \$5 | \$9 | (\$26) | \$2 | (\$152) | (\$149) |
| Safety Enhancement Capital Cost Balancing Account (SECCBA) - Distribution | (\$10) | \$10 | (\$331) | \$0 | \$0 | \$0 |
| Safety Enhancement Expense Balancing Account (SEEBA) - Local Transmission | \$1 | \$3 | (\$8) | \$1 | (\$47) | (\$47) |
| Safety Enhancement Expense Balancing Account (SEEBA) - Distribution | (\$1) | \$ 1 | (\$38) | \$0 | \$0 | \$0 |
| RD&D 1-Way Bal Acct (Pre-2001) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rewards & Penalties Bal Acct RPBA | (\$1) | \$ 1 | (\$0) | (\$0) | (\$2) | (\$2) |
| Self Gen Memo Acct - SGPMA-CSI | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Self Gen Memo Acct - SGPMA-NonCSI | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SGPMA - Rev Reg for NEXT Year | (\$18) | \$88 | \$158 | (\$1) | \$1,737 | \$1,736 |
| Gain/Loss on Sale Memo Acct GLOSMA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Integrated Transmission Margin ITBA | \$1 | \$2 | (\$7) | \$1 | (\$16) | (\$15) |
| Integrated Transmission Nonmargin ITBA | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) | \$0 | \$0 \$0 | \$0 \$0 | \$0 | \$0 \$0 | \$0 \$0 |
| GRCRRMA Sub allocation for AB32 Admin Fees | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 | \$0 \$0 |
| | · | * - | \$0 \$0 | (\$1) | \$0 \$0 | Ψΰ |
| CSI THIRM I ZOZOT CAPOSOUSEARCUNIO DE LA COLOR DE LA C | Chaudhury SDGE Workpapers - | Page 105 of 118 | ΨΟ | (Ф1) | φυ | Tab = (\$1) |

| MARGINAL COST COMPONENTS \$000's | | | | Res | NGV | Core C&I | Total Core |
|---|---|---|-----|-----------|-----------|-----------|-------------------|
| Catastrophic Event Memo. Acct 2007 (CEMA) | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Z-Factor Memorandum Account | Υ | Υ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Regulatory Accounts | | | \$0 | (\$2,891) | \$102 | \$1,577 | (\$1,212) |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | | | | (\$2,952) | \$913 | \$12,258 | \$10,218 |
| AVERAGE YEAR THROUGHPUT, Mth/yr | | | | (6,748) | 5,627 | 12,117 | 10,997 |
| Average Rate \$/th | | | | \$0.01030 | \$0.00501 | \$0.04565 | \$0.00547 |
| FFU Rate | | | | 0.00% | 0.00% | 0.00% | 0.00% |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | | |
|---|-------------|-----------|-----------|-----------|---------------|--------------|-----|-----|
| Catastrophic Event Memo. Acct 2007 (CEMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Z-Factor Memorandum Account | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Regulatory Accounts | \$34 | \$229 | \$949 | \$1,178 | \$1,212 | \$0 | \$0 | \$0 |
| | | | | | | \$0 | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | (\$327) | \$1,351 | (\$1,085) | \$266 | (\$61) | \$10,157 | | |
| AVERAGE YEAR THROUGHPUT, Mth/yr | 1,970 | 8,455 | (148,106) | (139,651) | (137,682) | (126,685) | | |
| Average Rate \$/th | (\$0.01050) | \$0.02623 | \$0.00589 | \$0.00801 | \$0.00753 | \$0.04327 | | |
| FFU Rate | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |

2020 TCAP Application

TLS:

| | | | | | | Total SDG&E |
|---|-------------|-----------|-----------|-----------|-----------|-------------|
| MARGINAL COST COMPONENTS \$000's | NCCI-D | EG-D1 | EG-D2 | NCCI-T | EG-T | TLS |
| Catastrophic Event Memo. Acct 2007 (CEMA) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Z-Factor Memorandum Account | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Regulatory Accounts | \$13 | \$189 | (\$373) | \$22 | \$1,362 | \$1,383 |
| | | | | | \$0 | \$0 |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | (\$346) | \$1,300 | (\$758) | \$19 | (\$276) | (\$257) |
| AVERAGE YEAR THROUGHPUT, Mth/yr | 1,569 | 5,451 | (32,391) | 401 | (112,712) | (112,311) |
| Average Rate \$/th | (\$0.01802) | \$0.03707 | \$0.01731 | \$0.00035 | \$0.00541 | \$0.00577 |
| FFU Rate | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |

| MARGINAL COST COMPONENTS \$000's | Res | NGV | Core C&I | Total Core |
|---|-----------|----------------|-----------|-------------------|
| Sempra Wide & TLS Adjustments:: | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | (2,952) | 913 | 12,258 | 10,218 |
| SW NGV Adjustment | 0 | 32 | 0 | 32 |
| SW EG Adjustment | \$0 | \$0 | \$0 | \$0 |
| TLS Adjustment | | | | |
| Amount allocated to TLS Class \$000 | \$0 | \$0 | \$0 | \$0 |
| TLS revenue paid by class @ average TLS rate \$000 | \$0 | \$0 | \$0 | \$0 |
| | \$0 | \$0 | \$0 | \$0 |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | (\$2,952) | \$945 | \$12,258 | \$10,250 |
| Rate Tables | (\$2,952) | \$9 4 5 | \$12,258 | \$10,250 |
| difference | \$0 | \$0 | \$0 | \$0 |
| AYTP Mth/yr | (6,748) | 5,627 | 12,117 | 10,997 |
| Average Rate w/oBTS \$/th | \$0.01030 | \$0.00304 | \$0.04565 | \$0.00552 |
| Rate Tables | \$0.01030 | \$0.00304 | \$0.04565 | \$0.00552 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| BTS w/FFU Charge \$000 | (\$37) | \$163 | \$495 | \$621 |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | (\$2,989) | \$1,107 | \$12,753 | \$10,871 |
| Average Rate w/ BTS \$/th | \$0.01080 | \$0.00374 | \$0.04652 | \$0.00611 |

| MARGINAL COST COMPONENTS \$000's | NCCI | EG Tier 1 | EG Tier 2 | Total EG | Total NonCore | System Total | |
|---|-------------|-------------|-----------|-----------|---------------|--------------|--|
| Sempra Wide & TLS Adjustments:: | | | | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | (327) | 0 | 0 | 266 | (61) | 10,157 | |
| SW NGV Adjustment | 0 | 0 | 0 | 0 | 0 | 32 | |
| SW EG Adjustment | \$0 | \$0 | \$0 | (\$800) | (\$800) | (\$800) | |
| TLS Adjustment | | | | | | | |
| Amount allocated to TLS Class \$000 | (\$19) | \$0 | \$0 | \$276 | \$257 | \$257 | |
| TLS revenue paid by class @ average TLS rate \$000 | \$150 | \$0 | \$0 | \$1,367 | \$1,516 | \$1,516 | |
| | \$131 | \$0 | \$0 | \$1,642 | \$1,773 | \$1,773 | |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | (\$196) | \$0 | \$0 | \$1,109 | \$912 | \$11,163 | |
| Rate Tables | (\$196) | \$ <i>0</i> | \$0 | \$1,109 | \$912 | \$11,163 | |
| difference | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| AYTP Mth/yr | 1,970 | 0 | 0 | (139,651) | (137,682) | (126,685) | |
| Average Rate w/oBTS \$/th | (\$0.00760) | \$0.00000 | \$0.00000 | \$0.00937 | \$0.00898 | \$0.04413 | |
| Rate Tables | (\$0.00760) | \$0.00000 | \$0.00000 | \$0.00937 | \$0.00898 | \$0.04413 | |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | |
| BTS w/FFU Charge \$000 | \$84 | \$240 | (\$3,483) | (\$3,243) | (\$3,159) | (\$2,538) | |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | (\$112) | \$0 | \$0 | (\$2,135) | (\$2,247) | \$8,624 | |
| Average Rate w/ BTS \$/th | (\$0.00690) | \$0.00000 | \$0.00000 | \$0.01008 | \$0.00969 | \$0.04490 | |

2020 TCAP Application

TLS:

| | | | | | | Total SDG&E |
|---|-------------|-----------|-----------|-----------|-----------|-------------|
| MARGINAL COST COMPONENTS \$000's | NCCI-D | EG-D1 | EG-D2 | NCCI-T | EG-T | TLS |
| Sempra Wide & TLS Adjustments:: | | | | | | |
| Transport Rev Req w/SI, FFU w/o BTS Rev, SW adj, TLS \$000/yr | (\$346) | \$1,300 | (\$758) | \$19 | (\$276) | (\$257) |
| SW NGV Adjustment | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SW EG Adjustment | \$0 | (\$530) | (\$270) | \$0 | (\$800) | (\$800) |
| TLS Adjustment | | | | | | |
| Amount allocated to TLS Class \$000 | \$0 | \$0 | \$0 | (\$19) | \$276 | \$257 |
| TLS revenue paid by class @ average TLS rate \$000 | \$0 | \$0 | \$0 | \$150 | \$1,367 | |
| | | \$0 | \$0 | \$0 | \$1,642 | \$1,642 |
| Transport Rev Req w/SI, FFU, SW adj, TLS w/o BTS Rev \$000/yr | (\$346) | \$770 | (\$1,028) | \$150 | \$1,367 | \$1,516 |
| Rate Tables | \$0 | \$770 | (\$1,028) | \$150 | \$1,367 | \$1,516 |
| difference | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AYTP Mth/yr | 1,569 | 0 | 0 | 401 | 0 | 401 |
| Average Rate w/oBTS \$/th | (\$0.01802) | \$0.00000 | \$0.00000 | \$0.00796 | \$0.00000 | \$0.00796 |
| Rate Tables | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| difference | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| BTS w/FFU Charge \$000 | (\$3,243) | \$159 | (\$808) | \$23 | (\$2,594) | (\$2,571) |
| Transport Rev Req w/SI, FFU, SW adj, TLS, BTS Rev \$000/yr | (\$285) | \$1,459 | (\$1,566) | \$42 | (\$2,870) | (\$2,828) |
| Average Rate w/ BTS \$/th | (\$0.01731) | \$0.03777 | \$0.01802 | \$0.00106 | \$0.00612 | \$0.00718 |

| Data From SCG RD Model | | Model / Source | |
|--|-----------|--------------------------------|------------------------|
| Allocated Local T under SI w/FFU \$000 Res | \$3,418 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 NGV | \$133 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 Core C&I | \$1,589 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 Total Core | \$5,141 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 NCCI | \$269 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 EG Tier 1 | \$153 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 EG Tier 2 | \$2,668 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 Total EG | \$2,821 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 Total NonCore | \$3,090 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated Local T under SI w/FFU \$000 System Total | \$8,230 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 Res | \$7,695 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 NGV | \$541 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 Core C&I | \$4,554 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 Total Core | \$12,789 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 NCCI | \$1,052 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 EG Tier 1 | \$666 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 EG Tier 2 | \$11,214 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 Total EG | \$11,881 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 Total NonCore | \$12,933 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Allocated BBT under SI w/FFU \$000 System Total | \$25,722 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| TLS Revenue NCCI-T EFBA Exempt \$000 | \$498 | SCG RD Model/RUN | copy to Rate Tables |
| TLS Revenue EG-Tier T EFBA Exempt \$000 | \$144 | SCG RD Model/RUN | copy to Rate Tables |
| TLS Revenue EG-Tier 2-T EFBA Exempt \$000 | \$12,946 | SCG RD Model/RUN | copy to Rate Tables |
| TLS Class Average Rate NCCI T | \$0.02837 | SCG RD Model/RUN | copy to Rate Tables |
| TLS Class Average Rate EG T | \$0.02837 | SCG RD Model/RUN | copy to Rate Tables |
| Pre-SW TLS NCCI | \$489 | SCG RD Model/RUN | copy to Rate Tables |
| Post SW TLS NCCI | \$498 | SCG RD Model/RUN | copy to Rate Tables |
| Pre-SW TLS EG | \$13,818 | SCG RD Model/RUN | copy to Rate Tables |
| Post SW TLS EG | \$13,090 | SCG RD Model/RUN | copy to Rate Tables |
| EFBA adder | | SCG RD Model/RUN | copy to Rate Tables |
| TLS Revenue NCCI-T \$000 | \$498 | SCG RD Model/Local T Rate | copy to Rate Tables |
| TLS Revenue EG-Tier 1-T \$000 | \$144 | SCG RD Model/Local T Rate | copy to Rate Tables |
| TLS Revenue EG-Tier 2-T \$000 | \$12,946 | SCG RD Model/Local T Rate | copy to Rate Tables |
| TLS Volumes NCCI-T Mth/yr | \$17,569 | SCG RD Model/Local T Rate | copy to Rate Tables |
| TLS Volumes EG-Tier1-T Mth/yr | \$5,074 | SCG RD Model/Local T Rate | copy to Rate Tables |
| TLS Volumes EG-Tier2-T Mth/yr | \$456,289 | SCG RD Model/Local T Rate | copy to Rate Tables |

| TLS SFV Mcapacity Reserved Mdth/day | n/a | SCG RD Model/Local T Rate | copy to Rate Tables |
|--|-----------|--------------------------------|------------------------|
| TLS SFV Volumes Mth/year | n/a | SCG RD Model/Local T Rate | copy to Rate Tables |
| TLS ST VOL Volumes Mth/year | n/a | SCG RD Model/Local T Rate | copy to Rate Tables |
| TLS LT VOL Volumes Mth/year | n/a | SCG RD Model/Local T Rate | copy to Rate Tables |
| Est FAR Revenue from SDGE Res | \$9,140 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Est FAR Revenue from SDGE NGV | \$642 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Est FAR Revenue from SDGE CCI | \$5,409 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Est FAR Revenue from SDGE NCCI | \$1,249 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Est FAR Revenue from SDGE EG Tier 1 | \$791 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Est FAR Revenue from SDGE EG Tier 2 | \$13,321 | SCG RD Model/Local & BBT Costs | copy to COST ALLOC tab |
| Est FAR Revenue from SDGE Customers | \$30,553 | SCG RD Model/Local & BBT Costs | Copy to Rate Tables |
| SCG Transport Only Costs Allocated to SDGE Core & Dist \$000 | \$4,586 | SCG RD model/SDGE Detail Alloc | Copy to Cost Alloc |
| SCG Core Seasonal Storage | \$11,522 | SCG RD Model/RUN | copy to COST ALLOC tab |
| SCG Load Balancing Allocated to ALL SDGE \$000 | \$8,447 | SCG RD Model/RUN | copy to COST ALLOC tab |
| SCG Core Seasonal Storage HRSMA | \$0 | SCG RD Model/RUN | copy to COST ALLOC tab |
| SCG Load Balancing Allocated to ALL SDGE \$000 HRSMA | \$0 | SCG RD Model/RUN | copy to COST ALLOC tab |
| SFV Base Margin Items = Reservation Charge \$/dth/day | \$0.00968 | SCG RD Model / Trans Rates | Copy to Rate Tables |
| ST Volumetric Base Margin Items \$/th | \$0.01437 | SCG RD Model / Trans Rates | Copy to Rate Tables |
| TLS LT VOL Rate \$/th | \$0.01437 | SCG RD Model/TLS Rate | Copy to Rate Tables |
| TLS CA Usage Fee (non base margin items) \$/th | \$0.01414 | SCG RD Model / Trans Rates | Copy to Rate Tables |
| TLS RS Usage Fee \$/th | \$0.01414 | SCG RD Model / Trans Rates | Copy to Rate Tables |
| 120% Class Average Volumetric Rate \$/th | \$0.03279 | | |
| 200% Class Average Volumetric Rate \$/th | \$0.03849 | | |
| EG Tier 1-D SW Volumetric Rate w/FFU \$/th Post SW | \$0.12880 | SCG RD model/EG-D Rates | Copy to EG-D rates tab |
| EG Tier 2-D SW Volumetric Rate w/FFU \$/th Post SW | \$0.07293 | SCG RD model/EG-D Rates | Copy to EG-D rates tab |
| EG Tier 1 NoTLS SW Volumetric Rate w/FFU \$/th Post SW | n/a | SCG RD model/EG Rates NoTLS | Copy to EG-D rates tab |
| EG Tier 2 NoTLS SW Volumetric Rate w/FFU \$/th Post SW | n/a | SCG RD model/EG Rates NoTLS | Copy to EG-D rates tab |
| SW Volumetric Rate w/FFU \$/th UnCompressed | \$0.12583 | SCG RD model/NGV Rates | |
| SW Volumetric Rate w/FFU \$/th Compressed | \$1.04809 | SCG RD model/NGV Rates | |
| SDGE ITBA Balance Post SI | \$0 | SCG RD model/Misc Inputs | |
| Unbundled FAR amount w/FFU | \$25,722 | SCG RD model/Misc Inputs | |
| BBT % | 0% | SCG RD model/Misc Inputs | |
| Local % | 0% | SCG RD model/Misc Inputs | |
| Proposed BTS Rate SFV \$/dth/day | \$0.26245 | SCG Rate Tables | |
| Current BTS Rate SFV \$/dth/day | \$0.26353 | | |

| SDGE AYTP mthyr Core Call | Data TO SCG RD Model | | Model / Source |
|---|--|-----------|----------------|
| SDGE AYTP mth/yr Gas Eng | SDGE AYTP mth/yr Res | 313,234 | Alloc Factors |
| SDGE AYTP mthy'r NGV 24,129 Alloc Factors SDGE AYTP mthy'r Nor Ocro CAI 46,945 Alloc Factors SDGE AYTP mthy'r Non Core CAI 46,945 Alloc Factors SDGE AYTP mthy'r EG Tier 1 29,736 Alloc Factors SDGE AYTP mthy'r EG Tier 2 500,494 Alloc Factors SDGE AYTP mthy'r Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mthy'r Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mthy'r Sout West Gas 0 577,175 Alloc Factors SDGE AYTP mthy'r Sout West Gas 0 577,175 Alloc Factors SDGE AYTP mthy'r Total Whole sale 0 577,175 Alloc Factors SDGE AYTP mthy'r Total Whole sale 0 577,175 Alloc Factors SDGE AYTP mthy'r Total Non Core 577,175 Alloc Factors SDGE AYTP mthy'r Total System \$000 1,109,315 Alloc Factors SDGE CYTP mthy'r Res 343,408 Alloc Factors SDGE CYTP mthy'r Res 343,408 Alloc Factors SDGE CYTP mthy'r Res 0 Alloc Factors SDGE CYTP | SDGE AYTP mth/yr Core C&I | 194,777 | Alloc Factors |
| SDGE AYTP mthyr NoCore | SDGE AYTP mth/yr NR A/C | 0 | |
| SDGE AYTP mithlyr Non Core C&I 46,945 Alloc Factors SDGE AYTP mithlyr EG Tier 1 29,736 Alloc Factors SDGE AYTP mithlyr EG Tier 2 500,494 Alloc Factors SDGE AYTP mithlyr Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mithlyr Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mithlyr Sout West Gas 0 0 SDGE AYTP mithlyr Sout West Gas 0 0 SDGE AYTP mithlyr Total Whole sale 0 0 SDGE AYTP mithlyr Total Whole sale 0 0 SDGE AYTP mithlyr Total Non Core 577,175 Alloc Factors SDGE AYTP mithlyr Total Non Core 577,175 Alloc Factors SDGE AYTP mithlyr Total Non Core 577,175 Alloc Factors SDGE AYTP mithlyr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mithlyr Res 343,408 Alloc Factors SDGE CYTP mithlyr Rore C&I 203,236 Alloc Factors SDGE CYTP mithlyr Total Core 570,773 Alloc Factors SDGE CYTP mithlyr Total Core 570,773 Alloc Factors | SDGE AYTP mth/yr Gas Eng | 0 | |
| SDGE AYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE AYTP mthyr EG Tier 2 500,494 Alloc Factors SDGE AYTP mthyr EOR 0 Alloc Factors SDGE AYTP mthyr Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mthyr SDG&E 0 Alloc Factors SDGE AYTP mthyr SDG&E 0 Alloc Factors SDGE AYTP mthyr SDGWest Gas 0 Alloc Factors SDGE AYTP mthyr Vermon 0 0 SDGE AYTP mthyr Total Whole sale 0 0 SDGE AYTP mthyr Total Non Core 577,175 Alloc Factors SDGE AYTP mthyr Total Non Core 577,175 Alloc Factors SDGE AYTP mthyr Total System \$000 1,109,315 Alloc Factors SDGE AYTP mthyr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mthyr Res 343,408 Alloc Factors SDGE CYTP mthyr Roc C&l 20,326 Alloc Factors SDGE CYTP mthyr NR A/C 0 0 SDGE CYTP mthyr ND Core C&l 20,129 Alloc Factors SDGE CYTP mthyr Total Core 570,773 All | SDGE AYTP mth/yr NGV | 24,129 | Alloc Factors |
| SDGE AYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE AYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE AYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mth/yr SDG&E 0 0 SDGE AYTP mth/yr Sout West Gas 0 0 SDGE AYTP mth/yr Total Whole sale 0 0 SDGE AYTP mth/yr Total Whole sale 0 0 SDGE AYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Res 343,408 Alloc Factors SDGE CYTP mth/yr Res 343,408 Alloc Factors SDGE CYTP mth/yr Core C&I 20,236 Alloc Factors SDGE CYTP mth/yr Gas Eng 0 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr Non Core C&I 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 | SDGE AYTP mth/yr Total Core | 532,140 | Alloc Factors |
| SDGE AYTP mith/yr EO Tier 2 500,494 Alloc Factors SDGE AYTP mith/yr Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mith/yr Long Beach 0 0 SDGE AYTP mith/yr SDG&E 0 0 SDGE AYTP mith/yr Sout West Gas 0 0 SDGE AYTP mith/yr Vernon 0 0 SDGE AYTP mith/yr Total Whole sale 0 0 SDGE AYTP mith/yr Total Non Core 577,175 Alloc Factors SDGE AYTP mith/yr Total System \$000 1,109,315 Alloc Factors SDGE AYTP mith/yr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mith/yr Res 343,408 Alloc Factors SDGE CYTP mith/yr Res 343,408 Alloc Factors SDGE CYTP mith/yr Na A/C 0 0 SDGE CYTP mith/yr Gas Eng 0 0 SDGE CYTP mith/yr Na A/C 0 0 SDGE CYTP mith/yr Total Core 570,773 Alloc Factors SDGE CYTP mith/yr Total Core 570,773 Alloc Factors SDGE CYTP mith/yr EG Tier 2 500,494 Alloc Factors | SDGE AYTP mth/yr Non Core C&I | 46,945 | Alloc Factors |
| SDGE AYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Long Beach 0 0 SDGE AYTP mth/yr SDG&E 0 0 SDGE AYTP mth/yr Sout West Gas 0 0 SDGE AYTP mth/yr Vernon 0 0 SDGE AYTP mth/yr Total Whole sale 0 0 SDGE AYTP mth/yr DGN 0 0 SDGE AYTP mth/yr Total Spotem \$000 1,109,715 Alloc Factors SDGE AYTP mth/yr Total System \$000 1,109,715 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,109,715 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,109,715 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,109,715 Alloc Factors SDGE CYTP mth/yr Res 343,408 Alloc Factors SDGE CYTP mth/yr RAVC 0 0 SDGE CYTP mth/yr NAVC 24,129 Alloc Factors SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr FOR Total Core 570,773 Alloc Factors SDGE CYTP mth/yr EG Filer 2 50,049 Alloc F | SDGE AYTP mth/yr EG Tier 1 | 29,736 | Alloc Factors |
| SDGE AYTP mth/yr Total Retail Non Core S77,175 Alloc Factors | SDGE AYTP mth/yr EG Tier 2 | 500,494 | Alloc Factors |
| SDGE AYTP mth/yr blog Beach 0 SDGE AYTP mth/yr SDGAE 0 SDGE AYTP mth/yr very mth/yr very mth/yr very 0 SDGE AYTP mth/yr very 0 SDGE AYTP mth/yr total Whole sale 0 SDGE AYTP mth/yr Total Whole sale 0 SDGE AYTP mth/yr Total Spotem 0 SDGE AYTP mth/yr Total Spotem 0 SDGE AYTP mth/yr Total System 0 SDGE AYTP mth/yr Total System 343,408 Alloc Factors 343,408 Alloc Factors 35GE CYTP mth/yr Res SDGE CYTP mth/yr Res 343,408 Alloc Factors 35GE CYTP mth/yr NR A/C SDGE CYTP mth/yr Sould Core 0 SDGE CYTP mth/yr NGV 24,129 SDGE CYTP mth/yr NGV 24,129 SDGE CYTP mth/yr NG Core C&I 46,945 SDGE CYTP mth/yr EG Tier 1 29,736 SDGE CYTP mth/yr EG Tier 2 500,494 SDGE CYTP mth/yr EG Tier 2 500,494 SDGE CYTP mth/yr Total Retail Non Core 577,175 SDGE CYTP mth/yr SOut West Gas 0 SDGE CYTP mth/yr Total Whole sale | SDGE AYTP mth/yr EOR | 0 | |
| SDGE AYTP mth/yr SDG&E | SDGE AYTP mth/yr Total Retail Non Core | 577,175 | Alloc Factors |
| SDGE AYTP mth/yr con 0 SDGE AYTP mth/yr by conon 0 SDGE AYTP mth/yr cond whole sale 0 SDGE AYTP mth/yr DSN 0 SDGE AYTP mth/yr TOSIA Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mth/yr Res 343,408 Alloc Factors SDGE CYTP mth/yr Core C&I 203,236 Alloc Factors SDGE CYTP mth/yr NR A/C 0 0 SDGE CYTP mth/yr NGV 24,129 Alloc Factors SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr SOC Ore C&I 46,945 Alloc Factors SDGE CYTP mth/yr SOC Fore C&I 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE CYTP mth/yr SDG&E 0 0 SDGE CYTP mth/yr SOut West Gas 0 | SDGE AYTP mth/yr Long Beach | 0 | |
| SDGE AYTP mth/yr Vernon 0 SDGE AYTP mth/yr Total Whole sale 0 SDGE AYTP mth/yr DON 0 SDGE AYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mth/yr Res 343,408 Alloc Factors SDGE CYTP mth/yr Core C&I 203,236 Alloc Factors SDGE CYTP mth/yr NR A/C 0 0 SDGE CYTP mth/yr NR A/C 0 0 SDGE CYTP mth/yr NGGV 24,129 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr Non Core C&I 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr Long Beach 0 0 SDGE CYTP mth/yr SDG&E 0 0 SDGE CYTP mth/yr Sout West Gas 0 0 SDGE CYTP mth/yr Sout West Gas 0 0 SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors < | SDGE AYTP mth/yr SDG&E | 0 | |
| SDGE AYTP mth/yr Total Whole sale 0 SDGE AYTP mth/yr DGN 0 SDGE AYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mth/yr Core C&I 203,236 Alloc Factors SDGE CYTP mth/yr NR A/C 0 0 SDGE CYTP mth/yr NR A/C 0 0 SDGE CYTP mth/yr Gas Eng 0 0 SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr EGT ier 1 29,736 Alloc Factors SDGE CYTP mth/yr EGT ier 2 500,494 Alloc Factors SDGE CYTP mth/yr SDGE CYTP mth/yr Do SDGE CYTP mth/yr SDGE CYTP mth/yr Total Roll Roll Roll Roll Roll Roll Roll Ro | SDGE AYTP mth/yr Sout West Gas | 0 | |
| SDGE AYTP mth/yr TBS 0 SDGE AYTP mth/yr TDTAI Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mth/yr Res 343,408 Alloc Factors SDGE CYTP mth/yr Res 343,408 Alloc Factors SDGE CYTP mth/yr NR AVC 0 0 SDGE CYTP mth/yr NR AVC 0 0 SDGE CYTP mth/yr NR W 24,129 Alloc Factors SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr EOR 0 0 SDGE CYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE CYTP mth/yr SDG&E 0 0 SDGE CYTP mth/yr SUB West Gas 0 0 SDGE CYTP mth/yr Total Whole sale 0 0 SDGE CYTP mth/yr TOtal Whole sale 0 0 SDGE CYTP mth/yr Total Non Core | SDGE AYTP mth/yr Vernon | 0 | |
| SDGE AYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE AYTP mth/yr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mth/yr Res 343,408 Alloc Factors SDGE CYTP mth/yr Core C&I 203,236 Alloc Factors SDGE CYTP mth/yr NR A/C 0 0 SDGE CYTP mth/yr NR A/C 0 0 SDGE CYTP mth/yr NGV 24,129 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr Fed Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Long Beach 0 0 SDGE CYTP mth/yr SDGE CYTP mth/yr SDGE CYTP mth/yr Non Core SDGE CYTP mth/yr Total Whole sale 0 0 SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr | SDGE AYTP mth/yr Total Whole sale | 0 | |
| SDGE AYTP mth/yr Total Non Core SDGE AYTP mth/yr Total System \$000 1,109,315 Alloc Factors SDGE CYTP mth/yr Res SDGE CYTP mth/yr Core C&I SDGE CYTP mth/yr NR A/C SDGE CYTP mth/yr NR A/C SDGE CYTP mth/yr Gas Eng SDGE CYTP mth/yr Gas Eng SDGE CYTP mth/yr Total Core SDGE CYTP mth/yr Total Core SDGE CYTP mth/yr Non Core C&I SDGE CYTP mth/yr Non Core C&I SDGE CYTP mth/yr Non Core C&I SDGE CYTP mth/yr EG Tier 1 SDGE CYTP mth/yr EG Tier 2 SDGE CYTP mth/yr EG Tier 2 SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/yr | SDGE AYTP mth/yr DGN | 0 | |
| SDGE AYTP mth/yr Total System \$000 SDGE CYTP mth/yr Res SDGE CYTP mth/yr Res SDGE CYTP mth/yr NR A/C SDGE CYTP mth/yr NR A/C SDGE CYTP mth/yr Gas Eng SDGE CYTP mth/yr NGV SDGE CYTP mth/yr NGC SDGE CYTP mth/yr EG Tier 1 SDGE CYTP mth/yr EG Tier 2 SDGE CYTP mth/yr EG Tier 2 SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr Sout West Gas SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE CYTP mth/yr Total Non Core SDGE CYTP Mth/yr To | SDGE AYTP mth/yr TBS | 0 | |
| SDGE CYTP mth/yr Core C&I SDGE CYTP mth/yr NR A/C SDGE CYTP mth/yr NR A/C SDGE CYTP mth/yr Gas Eng SDGE CYTP mth/yr NGV SDGE CYTP mth/yr NGV SDGE CYTP mth/yr Total Core SDGE CYTP mth/yr Total Core SDGE CYTP mth/yr Non Core C&I SDGE CYTP mth/yr Non Core C&I SDGE CYTP mth/yr Non Core C&I SDGE CYTP mth/yr EG Tier 1 SDGE CYTP mth/yr EG Tier 2 SDGE CYTP mth/yr EOR SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SOut West Gas SDGE CYTP mth/yr Sout West Gas SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/yr Total System \$0 | SDGE AYTP mth/yr Total Non Core | 577,175 | Alloc Factors |
| SDGE CYTP mth/yr Core C&I 203,236 Alloc Factors SDGE CYTP mth/yr NR A/C 0 SDGE CYTP mth/yr Gas Eng 0 SDGE CYTP mth/yr NGV 24,129 Alloc Factors SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr No Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr FOR 0 SDGE CYTP mth/yr Long Beach 0 SDGE CYTP mth/yr SDGE Beach 0 SDGE CYTP mth/yr SOUT West Gas 0 SDGE CYTP mth/yr SOUT West Gas 0 SDGE CYTP mth/yr Total Whole sale 0 SDGE CYTP mth/yr Total Whole sale 0 SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr | SDGE AYTP mth/yr Total System \$000 | 1,109,315 | Alloc Factors |
| SDGE CYTP mth/yr NR A/C 0 SDGE CYTP mth/yr Gas Eng 0 SDGE CYTP mth/yr NGV 24,129 Alloc Factors SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr EOR 0 SDGE CYTP mth/yr Long Beach 0 SDGE CYTP mth/yr SDGE E 0 SDGE CYTP mth/yr SOUTH SOUT | SDGE CYTP mth/yr Res | 343,408 | Alloc Factors |
| SDGE CYTP mth/yr NGV 24,129 Alloc Factors SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr EG Tier 1 500,494 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Long Beach 0 0 SDGE CYTP mth/yr SDG&E 0 0 SDGE CYTP mth/yr Sout West Gas 0 0 SDGE CYTP mth/yr Vernon 0 0 SDGE CYTP mth/yr Total Whole sale 0 0 SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr 532,140 Alloc Factors SGGE's Core AYTP Mth/yr 29,376 | SDGE CYTP mth/yr Core C&I | 203,236 | Alloc Factors |
| SDGE CYTP mth/yr NGV 24,129 Alloc Factors SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr EOR 0 0 SDGE CYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE CYTP mth/yr SDG&E 0 0 SDGE CYTP mth/yr Sout West Gas 0 0 SDGE CYTP mth/yr Vernon 0 0 SDGE CYTP mth/yr Total Whole sale 0 0 SDGE CYTP mth/yr Total Whole sale 0 0 SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr 532,140 Alloc Factors SDGE's Core AYTP Mth/yr 29,376 Alloc Factors EG-Tier 1 Distribution AYTP mth/yr 24,662 Al | SDGE CYTP mth/yr NR A/C | 0 | |
| SDGE CYTP mth/yr Total Core 570,773 Alloc Factors SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Long Beach 0 0 SDGE CYTP mth/yr SDG&E 0 0 SDGE CYTP mth/yr Sout West Gas 0 0 SDGE CYTP mth/yr Vernon 0 0 SDGE CYTP mth/yr Total Whole sale 0 0 SDGE CYTP mth/yr Total Whole sale 0 0 SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total Non C | SDGE CYTP mth/yr Gas Eng | 0 | |
| SDGE CYTP mth/yr Non Core C&I 46,945 Alloc Factors SDGE CYTP mth/yr EG Tier 1 29,736 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr EG Tier 2 500,494 Alloc Factors SDGE CYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Long Beach 0 SDGE CYTP mth/yr Long Beach 0 SDGE CYTP mth/yr SDG&E 0 SDGE CYTP mth/yr SUGWest Gas 0 SDGE CYTP mth/yr Vernon 0 SDGE CYTP mth/yr Total Whole sale 0 SDGE CYTP mth/yr Total Whole sale 0 SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr Total System \$000 2,376 Alloc Factors SDGE's Core AYTP Mth/yr Total System \$000 3,376 Alloc Factors SDGE's Core AYTP mth/yr Total System \$000 4,4,206 Alloc Factors | SDGE CYTP mth/yr NGV | 24,129 | Alloc Factors |
| SDGE CYTP mth/yr EG Tier 1 SDGE CYTP mth/yr EG Tier 2 SDGE CYTP mth/yr EG Tier 2 SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr Long Beach SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SOut West Gas SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP | SDGE CYTP mth/yr Total Core | 570,773 | Alloc Factors |
| SDGE CYTP mth/yr EG Tier 2 SDGE CYTP mth/yr EOR SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr Long Beach SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr Sout West Gas SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/y | SDGE CYTP mth/yr Non Core C&I | 46,945 | Alloc Factors |
| SDGE CYTP mth/yr Total Retail Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Long Beach 0 SDGE CYTP mth/yr SDGE CYTP mth/yr 0 SDGE CYTP mth/yr SDGE CYTP mth/yr 0 SDGE CYTP mth/yr Vernon 0 SDGE CYTP mth/yr Total Whole sale 0 SDGE CYTP mth/yr DGN 0 SDGE CYTP mth/yr Total Non Core 577,175 Alloc Factors SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE'S Core AYTP Mth/yr 532,140 Alloc Factors NCCI-Distribution AYTP mth/yr 29,376 Alloc Factors EG-Tier 1 Distribution AYTP mth/yr 24,662 Alloc Factors EG-Tier 2 Distribution AYTP mth/yr 44,206 Alloc Factors | SDGE CYTP mth/yr EG Tier 1 | 29,736 | Alloc Factors |
| SDGE CYTP mth/yr Total Retail Non Core SDGE CYTP mth/yr Long Beach SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr Sout West Gas SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr DGN SDGE CYTP mth/yr TBS SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Tota | SDGE CYTP mth/yr EG Tier 2 | 500,494 | Alloc Factors |
| SDGE CYTP mth/yr Long Beach SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr Sout West Gas SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr DGN SDGE CYTP mth/yr TBS SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total | SDGE CYTP mth/yr EOR | 0 | |
| SDGE CYTP mth/yr SDG&E SDGE CYTP mth/yr Sout West Gas SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr DGN SDGE CYTP mth/yr TBS SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/yr Total System \$000 SDGE CYTP Mth/yr SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr S32,140 Alloc Factors NCCI-Distribution AYTP mth/yr 29,376 Alloc Factors EG-Tier 1 Distribution AYTP mth/yr 44,206 Alloc Factors | SDGE CYTP mth/yr Total Retail Non Core | 577,175 | Alloc Factors |
| SDGE CYTP mth/yr Sout West Gas SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr DGN SDGE CYTP mth/yr TBS SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non | SDGE CYTP mth/yr Long Beach | 0 | |
| SDGE CYTP mth/yr Vernon SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr DGN SDGE CYTP mth/yr TBS O SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr S32,140 Alloc Factors NCCI-Distribution AYTP mth/yr 29,376 Alloc Factors EG-Tier 1 Distribution AYTP mth/yr 24,662 Alloc Factors EG-Tier 2 Distribution AYTP mth/yr 44,206 Alloc Factors | SDGE CYTP mth/yr SDG&E | 0 | |
| SDGE CYTP mth/yr Total Whole sale SDGE CYTP mth/yr DGN SDGE CYTP mth/yr TBS O SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 \$DGE CYTP mth/yr Total Non Core \$DGE CYTP mth/yr Total Non Co | · | | |
| SDGE CYTP mth/yr DGN SDGE CYTP mth/yr TBS 0 SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr 532,140 Alloc Factors NCCI-Distribution AYTP mth/yr 29,376 Alloc Factors EG-Tier 1 Distribution AYTP mth/yr 24,662 Alloc Factors EG-Tier 2 Distribution AYTP mth/yr 44,206 Alloc Factors | SDGE CYTP mth/yr Vernon | | |
| SDGE CYTP mth/yr TBS SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr SDGE's Core AYTP mth/yr SDGE's Core AYTP mth/yr SDGE's Core AYTP mth/yr 29,376 Alloc Factors EG-Tier 1 Distribution AYTP mth/yr 24,662 Alloc Factors EG-Tier 2 Distribution AYTP mth/yr 44,206 Alloc Factors | SDGE CYTP mth/yr Total Whole sale | | |
| SDGE CYTP mth/yr Total Non Core SDGE CYTP mth/yr Total System \$000 1,147,948 Alloc Factors SDGE's Core AYTP Mth/yr SDGE's Core AYTP mth/yr SDGE's Core AYTP mth/yr 29,376 Alloc Factors EG-Tier 1 Distribution AYTP mth/yr 24,662 Alloc Factors EG-Tier 2 Distribution AYTP mth/yr 44,206 Alloc Factors | · | | |
| SDGE CYTP mth/yr Total System \$000 SDGE's Core AYTP Mth/yr SDGE's Cor | SDGE CYTP mth/yr TBS | 0 | |
| SDGE's Core AYTP Mth/yr NCCI-Distribution AYTP mth/yr EG-Tier 1 Distribution AYTP mth/yr EG-Tier 2 Distribution AYTP mth/yr 532,140 Alloc Factors 29,376 Alloc Factors 44,206 Alloc Factors Alloc Factors | SDGE CYTP mth/yr Total Non Core | 577,175 | Alloc Factors |
| NCCI-Distribution AYTP mth/yr29,376Alloc FactorsEG-Tier 1 Distribution AYTP mth/yr24,662Alloc FactorsEG-Tier 2 Distribution AYTP mth/yr44,206Alloc Factors | | | |
| EG-Tier 1 Distribution AYTP mth/yr EG-Tier 2 Distribution AYTP mth/yr 24,662 Alloc Factors 44,206 Alloc Factors | · | · | |
| EG-Tier 2 Distribution AYTP mth/yr 44,206 Alloc Factors | NCCI-Distribution AYTP mth/yr | 29,376 | Alloc Factors |
| · | • | | |
| SDGE's Core # customers 905,032 Alloc Factors | • | • | |
| | SDGE's Core # customers | 905,032 | Alloc Factors |

| NCCI-Distribution # customers | 44 | Alloc Factors |
|---|----------|-------------------------------|
| EG-Tier 1 Distribution # customers | 69 | Alloc Factors |
| EG-Tier 2 Distribution # customers | 6 | Alloc Factors |
| NCCI-Transmission AYTP mth/yr | 17,569 | Alloc Factors |
| EG-Tier 1 Transmission AYTP mth/yr | 5,074 | Alloc Factors |
| EG-Tier 2 Transmission AYTP mth/yr | 456,289 | Alloc Factors |
| NCCI-Transmission # customers | 9 | Alloc Factors |
| EG-Tier 1 Transmission # customers | 3 | Alloc Factors |
| EG-Tier 2 Transmission # customers | 12 | Alloc Factors |
| Transmission Costs w/FFU \$000 | \$40,564 | SDGE RD Model/Cost Alloc |
| Compressor Volumes mth/yr | 628 | SDGE RD Model / NGV Rates |
| SDGE - NCCI-T Total Allocated Base Margin w/SI, FAR & FFU, w/o Fuel Use | \$118 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T Local Transmission Costs | \$101 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T HPD Costs | \$0 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T MPD Costs | \$0 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T Other Operating Costs and Revenues | \$241 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T Regulatory Accounts | \$200 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T ITBA Base Margin | \$5 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T ITBA Base Margin | \$131 | SDGE RD Model / Detail Alloc |
| SDGE - NCCI-T Transport Rev Req w/o BBT, w/ FFU & EOR Cr \$000/yr | \$559 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T Total Allocated Base Margin w/SI, FAR & FFU, w/o Fuel Use | \$2,454 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T Local Transmission Costs | \$2,429 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T HPD Costs | \$0 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T MPD Costs | \$0 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T Other Operating Costs and Revenues | \$5,929 | SDGE RD Model / Detail Alloc |
| SDGE - EG-T Regulatory Accounts | \$5,468 | SDGE RD Model / Detail Alloc |
| SDGE CYPM mth/mo Res | 50,188 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo Core C&I | 23,331 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo NR A/C | 0 | |
| SDGE CYPM mth/mo Gas Eng | 0 | |
| SDGE CYPM mth/mo NGV | 1,960 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo Total Core | 75,479 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo Non Core C&I | 3,947 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo EG Tier 1 | 2,244 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo EG Tier 2 | 39,175 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo EOR | 0 | |
| SDGE CYPM mth/mo Total Retail Non Core | 45,366 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo Long Beach | 0 | |
| SDGE CYPM mth/mo SDG&E | 0 | |
| SDGE CYPM mth/mo Sout West Gas | 0 | |
| SDGE CYPM mth/mo Vernon | 0 | |
| SDGE CYPM mth/mo Total Whole sale | 0 | |
| SDGE CYPM mth/mo DGN | 0 | |
| SDGE CYPM mth/mo TBS | 0 | |
| SDGE CYPM mth/mo Total Non Core | 45,366 | SDGE RD Model / Alloc Factors |
| SDGE CYPM mth/mo Total System \$000 | 120,845 | SDGE RD Model / Alloc Factors |
| SDOL OTT WE THEN TOTAL SYSTEM \$000 | 120,043 | SPOL NO MODE! / Alloc Factors |

| SDGE NonCore Embedded Customer Related Costs \$000 | \$255 | SDGE RD Model/Cost Alloc |
|---|------------|-------------------------------|
| SDGE NonCore Embedded Medium Pressure Distribution Costs \$000 | \$2,904 | SDGE RD Model/Cost Alloc |
| SDGE Non Core Embedded High Pressure Distribution Costs \$000 | \$0 | |
| SDGE NonCore Embedded Transmission Costs \$000 | \$20,395 | SDGE RD Model/Cost Alloc |
| SDGE NonCore Embedded Storage - Seasonal \$000 | \$0 | SDGE RD Model/Cost Alloc |
| SDGE NonCore Embedded Storage - Load Balancing \$000 | \$0 | SDGE RD Model/Cost Alloc |
| SDGE NonCore Embedded Storage - TBS \$000 | \$0 | |
| SDGE NonCore Embedded Non-DSM Marketing Related Costs \$000 | \$0 | |
| SDGE NonCore Embedded Credit (EOR Revenues - EOR UAF) * 95% \$000 | \$0 | |
| SDGE NonCore Embedded Less Allocated Transmission Cost \$000 | \$0 | SDGE RD Model/Cost Alloc |
| SDGE NonCore Embedded Plus Allocated Local T under SI \$000 | \$8,230 | SDGE RD Model/Cost Alloc |
| Total Margin Allocation w/o SI, FAR, Fuel Use, FF&U | \$323,020 | SDGE RD Model/Cost Alloc |
| Other Op | \$2,493 | SDGE RD Model/Cost Alloc |
| SCG Storage Charges | \$20,428 | SDGE RD Model/Cost Alloc |
| Reg Accounts | \$61,061 | SDGE RD Model/Cost Alloc |
| Less EC Transmission | (\$40,564) | SDGE RD Model/Cost Alloc |
| Plus Local-T | \$0 | SDGE RD Model/Cost Alloc |
| plus FAR revenue | \$30,553 | SDGE RD Model/Cost Alloc |
| less local-T noncore trans cust costs | (\$14,410) | SDGE RD Model/Revenue Check |
| plus Reg Gap Revenue | \$13,692 | SDGE RD Model/Revenue Check |
| plus new SCG Transport (i.e.RegGap SDGE C&D) | \$4,691 | SDGE RD Model/Cost Alloc |
| SW Adjustments | \$1,288 | SDGE RD Model/Revenue Check |
| EG Tier 1-D Pre-SW Total revenue \$000/yr | \$2,640 | SDGE RD Model/EG-D Rates |
| EG Tier 1-D AYTP Mth/yr | 24,662 | SDGE RD Model/EG-D Rates |
| EG Tier 1-D Customer Charge Revenue \$000 | \$41 | SDGE RD Model/EG-D Rates |
| EG Tier 2-D Pre-SW Total revenue \$000/yr | \$2,808 | SDGE RD Model/EG-D Rates |
| EG Tier 2-D AYTP Mth/yr | 44,206 | SDGE RD Model/EG-D Rates |
| EG Tier 2-D Customer Charge Revenue \$000 | \$0 | SDGE RD Model/EG-D Rates |
| EG Tier 1 Pre-SW Total revenue NoTLS \$000/yr | n/a | SDGE RD Model/EG Rates NoTLS |
| EG Tier 1 Customer Charge Revenue \$000 | n/a | SDGE RD Model/EG Rates NoTLS |
| EG Tier 2 Pre-SW Total revenue NoTLS \$000/yr | n/a | SDGE RD Model/EG Rates NoTLS |
| EG Tier 1 NoTLS AYTP Mth/yr | 29,736 | SDGE RD Model/Alloc Factors |
| EG Tier 2 NoTLS AYTP Mth/yr | 500,494 | SDGE RD Model/Alloc Factors |
| Final Rev Req \$000 | \$379,928 | SDGE RD Model/Rate Tables |
| Pre-SW NGV Transportation Volumetric Revenue | \$2,754 | SDGE RD Model / NGV Rates |
| Pre-SW NGV Customer Charge Revenue | \$12 | SDGE RD Model / NGV Rates |
| NGV Transportation volumes mth/yr | 24,129 | SDGE RD Model / NGV Rates |
| NGV Post SW Customer Charge Revenue: | \$12 | SDGE RD Model / NGV Rates |
| Pre SW NGV Compressor Revenue \$000 | \$647 | SDGE RD Model / NGV Rates |
| NGV Compressor Volumes Mth/yr | 628 | SDGE RD Model / NGV Rates |
| SDGE NCCI-T Direct Peak Day Demand Mth/day | 48 | SDGE RD Model / Alloc Factors |
| SDGE EG-T Direct Peak Day Demand Mth/day | 1,690 | SDGE RD Model / Alloc Factors |
| SDGE Core Cumulative Transmission Peak Day Mth/day | 4,123 | SDGE RD/Alloc Factors |
| SDGE Noncore Cumulative HP Distribution Peak Day Mth/day | 265 | SDGE RD/Alloc Factors |
| SDGE Core & Dist Forecast AYTP Mth/yr | 630,384 | SDGE RD/Alloc Factors |
| SDGE Core & Dist Forecast CYTP Mth/yr | 669,016 | SDGE RD/Alloc Factors |
| SDGE Core & Dist Forecast # Customers | 905,151 | SDGE RD/Alloc Factors |
| SDGE Core & Dist Forecast CYPM Mth/mo | 83,698 | SDGE RD/Alloc Factors |
| | | |

| ODOE NOOL T Face and AVTD Mile has | 47.500 | ODOE DD/Alles Essters |
|--|------------------------|---------------------------|
| SDGE NCCI-T Forecast AYTP Mth/yr | 17,569 | SDGE RD/Alloc Factors |
| SDGE NCCI-T Forecast CYTP Mth/yr | 17,569 | SDGE RD/Alloc Factors |
| SDGE NCCI-T Forecast # Customers | 9 | SDGE RD/Alloc Factors |
| SDGE NCCI-T Forecast CYPM Mth/mo | 1,477 | SDGE RD/Alloc Factors |
| SDGE EG-T Forecast AYTP Mth/yr | 461,363 | SDGE RD/Alloc Factors |
| SDGE EG-T Forecast CYTP Mth/yr | 461,363 | SDGE RD/Alloc Factors |
| SDGE EG-T Forecast # Customers | 15 | SDGE RD/Alloc Factors |
| SDGE EG-T Forecast CYPM Mth/mo | 35,670 | SDGE RD/Alloc Factors |
| SDGE Local-T Costs Res | \$0 | SDGE RD Model/Cost Alloc |
| SDGE Local-T Costs CCI | \$0 | SDGE RD Model/Cost Alloc |
| SDGE Local-T Costs NGV | \$0 | SDGE RD Model/Cost Alloc |
| SDGE Local-T Costs NCCI | \$0 | SDGE RD Model/Cost Alloc |
| SDGE Local-T Costs EG Tier 1 | \$0 | SDGE RD Model/Cost Alloc |
| SDGE Local-T Costs EG Tier2 | \$0 | SDGE RD Model/Cost Alloc |
| SDGE BBT Costs Res | \$12,135 | SDGE RD Model/Cost Alloc |
| SDGE BBT Costs CCI | \$7,182 | SDGE RD Model/Cost Alloc |
| SDGE BBT Costs NGV | \$853 | SDGE RD Model/Cost Alloc |
| SDGE BBT Costs NCCI | \$1,659 | SDGE RD Model/Cost Alloc |
| SDGE BBT Costs EG Tier 1 | \$1,051 | SDGE RD Model/Cost Alloc |
| SDGE BBT Costs EG Tier2 | \$17,686 | SDGE RD Model/Cost Alloc |
| SDGE CoUse Transmission Costs | \$0 | SDGE RD Model/Misc Inputs |
| SDGE Forecast AYTP Mth/yr Core | 532,140 | SDGE RD/Alloc Factors |
| SDGE Forecast AYTP Mth/yr NCCI-D | 29,376 | SDGE RD/Alloc Factors |
| SDGE Forecast AYTP Mth/yr EG-D | 68,867 | SDGE RD/Alloc Factors |
| SDGE Forecast CYTP Mth/yr Core | 570,773 | SDGE RD/Alloc Factors |
| SDGE Forecast CYTP Mth/yr NCCI-D | 29,376 | SDGE RD/Alloc Factors |
| SDGE Forecast CYTP Mth/yr EG-D | 68,867 | SDGE RD/Alloc Factors |
| SDGE Forecast # Customers Core | 905,032 | SDGE RD/Alloc Factors |
| SDGE Forecast # Customers NCCI-D | 44 | SDGE RD/Alloc Factors |
| SDGE Forecast # Customers EG-D | 75 | SDGE RD/Alloc Factors |
| SDGE Forecast CYPM Mth/yr Core | 75,479 | SDGE RD/Alloc Factors |
| SDGE Forecast CYPM Mth/yr NCCI-D | 2,470 | SDGE RD/Alloc Factors |
| SDGE Forecast CYPM Mth/yr EG-D | 5,749 | SDGE RD/Alloc Factors |
| SDGE FFU Rate | 102.29% | SDGE RD/Cost Alloc |
| FFU Rate Gross-to-Net Ratio | 97.76% | SDGE RD/Misc Inputs |
| SDGE Mbtu/mcf | 1,040 | SDGE RD/Misc Inputs |
| Authorized Base Margin in 2008GRC (excl misc revenue) \$000 | \$304,021 | SDGE RD/Revenue Check |
| Current Authorized Base Margin | \$323,020 | SDGE RD/Revenue Check |
| G | | SDGE RD/Revenue Check |
| Net System Integration Other Operate Costs | (\$32,334) \$37,613 | SDGE RD/Revenue Check |
| Other Operate Costs | \$27,612 \$61,061 | |
| Regulatory Accounts | \$61,061 | SDGE RD/Revenue Check |
| SW NGV Adjustment | \$294 | SDGE RD/Revenue Check |
| SW EG Adjustment | \$994 | SDGE RD/Revenue Check |
| SW NGV & EG Adjustment | \$1,288 | SDGE RD/Revenue Check |
| NET TLS Adjustment | (\$719) | SDGE RD/Revenue Check |
| Revenue Requirement w/oFAR | \$379,928 | SDGE RD/Revenue Check |
| Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU | \$290,686 | SDGE RD/Revenue Check |
| CSITMA allocated to SDGE's NCCI-T customers \$000 | \$56 | NCCI Detail Alloc |
| CSITMA allocated to SDGE's EG-T customers \$000 | \$0 | EG Detail Alloc |

| EFBA EG-D Tier 1 | \$20 | EG Detail Alloc |
|-------------------------------|----------|-------------------|
| EFBA EG-D Tier 2 | \$37 | EG Detail Alloc |
| EFBA EG-T | \$33 | EG Detail Alloc |
| EFBA NCCI-T | \$15 | NCCI Detail Alloc |
| EFBA EG-T nonexempt volumes | \$39,584 | EG Detail Alloc |
| EFBA NCCI-T nonexempt volumes | 17,569 | NCCI Detail Alloc |

SAN DIEGO GAS & ELECTRIC 2020 TCAP

Section 2 NGV Compression Rate Adder Model

Workpapers to the Prepared Written Testimony of Sharim Chaudhury

2020 TCAP
NGV Compression Adder Revenue Requirement

| NGV Station Costs \$000's | | Total Public & Private Access \$000's/yr | \$/th | Public Access Station \$000's/yr | \$/th | Data Source |
|--|------------------------------------|--|------------------|-------------------------------------|------------------|---------------------------|
| NGV Station Rate Base | | \$703 | \$1.02 | \$363 | \$0.58 | Return tab |
| Rate of Return % | | 7.79% | | 7.79% | | Return tab |
| Return on Ratebase | | \$55 | \$0.08 | \$28 | \$0.05 | |
| Income Taxes | | \$25 | \$0.04 | \$13 | \$0.02 | Return Tab |
| Ad Valorem Taxes | | \$11 | \$0.02 | \$6 | \$0.01 | Return Tab |
| Depreciation Expense | | \$60 | \$0.09 | \$29 | \$0.05 | NGV Dept |
| Capital Related Revenue Requiremen | t | \$150 | \$0.22 | \$76 | \$0.12 | |
| NGV Station Throughput in THERMS O&M Expense Electricity Expense | \$/th = \$0.502 \$/th = \$0.384 | 686,849 \$345 \$264 | \$0.50 \$0.38 | 628,286 \$315 \$241 | \$0.50 \$0.38 | NGV Dept NGV Dept |
| Customer Related O&M | V | \$609 | \$0.89 | \$557 | \$0.89 | |
| Effective NGV Station Revenue Requi | rement | \$759 | \$1.11 | \$633 | \$1.01 | |
| Total NGV Station Throughput in therms | | 686,849 | | 628,286 | | NGV Dept |
| Compression Throughput Mth/year | | 687 687 | | 628 | 628 | |
| Compression Rate \$/therm | | \$1.11 | | \$1.01 | | |
| Sempra Wide Compressor Adder \$/there | m | | | \$1.04809 | | SDGE RD model/Rate tables |

2020 TCAP
Calculation of Capital Related costs

| Calculation of NGV Station Capital related Costs | Total Public & Private Access \$000's/yr | Public Access Station \$000's/yr | Data Source | Notes |
|--|---|--|--|-----------------------------|
| NBV of NGV Stations | \$1,428 | \$738 | Recorded 2016 | |
| Total NBV of Utility Gas Plant in Service | \$1,495,438 | \$1,495,438 | Net Plant | Updated from FERC form 2016 |
| NBV Ratio | 0.10% | 0.05% | | |
| Total Utility Rate Base | \$735,782 | \$735,782 | Recorded 2016 | Updated from Accounting |
| NBV Ratio | 0.10% | 0.05% | | |
| NGV Station Ratebase | \$703 | \$363 | | |
| Total Utility Income & CNG Fuel taxes | \$25,684 | \$25,684 | FERC Form 1 p. 33 (Page 2 of 2), line 32 | Updated from FERC form 2016 |
| NBV Ratio | 0.10% | 0.05% | | |
| NGV Station Income & CNG Fuel taxes | \$25 | \$13 | | |
| Total Utility AdValorem taxes | \$11,510 | \$11,510 | FERC Form 1 p. 263, line 2, (l) | Updated from FERC form 2016 |
| NBV Ratio | 0.10% | 0.05% | • | • |
| NGV Station Income & CNG Fuel taxes | \$11 | \$6 | | |

Calculation of Authorized ROR% and Total Return on Ratebase:

| | Capital Ratio | Rate | ROR% | |
|-----------------|---------------|--------|-------|--|
| Long-Term Debt | 45.25% | 5.00% | 2.26% | |
| Preferred Stock | 2.75% | 6.22% | 0.17% | |
| Common Equity | 52.00% | 10.30% | 5.36% | |
| Total ROR% | 100% | | 7.79% | |
| | | | | |

FERC Form 1 p. 123.60, cost of capital section

Updated from FERC form 2016

| 2020 TCAP | |
|--|-------------|
| | |
| Subtotal Net Utility Plant - Gas | \$1,339,085 |
| Common plant | \$633,264 |
| Percentage of Common plant assigned to gas | 25% |
| Subtotal of Common Plant assigned to gas | \$156,353 |
| Applicable Net Plant - Gas | \$1,495,438 |

Data Source

FERC Form 1 p. 201, Column d Line 15

FERC Form 1 p. 201, Column h Line 15

FERC Form 1 p. 356.1

SAN DIEGO GAS & ELECTRIC 2020 TCAP

Section 3
Submeter Credit Model

Workpapers to the Prepared Written Testimony of Sharim Chaudhury

- Submetering Avoided Cost Credit -GT

 >> For mobile home parks supplied through one meter and submetered to all individual units (Schedule GT).

 >> Due to Use of Subunit, <u>Traditional Meter</u> Capital and O&M Expenses Are Avoided. However, Savings Offset By Incurred <u>Master Meter</u> Capital and O&M Expenses.

 >> Master Meter Capital and O&M Expenses are Quantified on a Per Subunit Basis.

 >> Net Submetering Avoided Cost Credit = (Traditional Meter Capital and O&M) (Master Meter Capital and O&M ÷ Average No. of Subunits Per Master Meter)

 >> Adopted Proposal = Western Mobilehome Parkowners Association. From Exhibit No. 186, As Filed w/Scaling.

SDG&E GT Submeter Discount 2020 TCAP Ilustrative Rates

| | | Avoided Cost | Incurred Cost | | |
|--------|--|-----------------------------|---------------------|--------|--|
| | | Per Subunit (Single Family) | Per GT Master Meter | | |
| | Plant Costs | (\$/cst/yr.) | (\$/cst/yr.) | | Source |
| 1 | Service/Regulation/Meter | \$169.86 | \$193.25 | 1 | SDGE LRMC Customer Cost |
| 2 | Distribution Main (High Pressure) | \$54.44 | \$54.44 | 2 | SDGE LRMC Distribution |
| 3 | Net Annual Cost/Space | \$224.30 | \$247.70 | 3 | SDGE LRMC Customer Cost |
| | | | | | |
| 4 | Customer Expenses | | | 4 | SDGE LRMC Customer Cost |
| 5 | O&M | \$42.00 | \$54.00 | 5 | SDGE LRMC Customer Cost |
| 6 | O&M Loaders | \$17.60 | \$22.63 | 6 | SDGE LRMC Customer Cost |
| 7 | Net Customer Expenses | \$59.60 | \$76.63 | 7 | SDGE LRMC Customer Cost |
| | | | | | |
| 8 | Subtotal - Annual Costs | \$283.91 | \$324.33 | 8 | - |
| 9 | x EPAM Scaling Factor | 79.81% | 79.81% | 9 | SDGE Cost Allocation |
| 10 | = Avoided / Incurred Cost / Yr | \$226.59 | \$258.85 | 10 | |
| 11 | ÷ Number Months / Year | 12 | 12 | 11 | |
| 12 | = Avoided / Incurred Cost / Mo | \$18.88 | \$21.57 | 12 | |
| 13 | ÷ Avg No. of Subunits Per Master Meter Account | 1 | 115 | 13 | Recorded 2016 |
| 14 | = Incurred Cost Per Living Unit for Master Meter | | \$0.19 | 14 | |
| 15 | Net Avoided Cost/Month | \$18.69 | | 15 | << Net of (Avoided Subunit Costs) - (Incurred Master Meter Costs) Per Subunit. |
| 16 | - SDG&E Monthly Cust Charge | \$0.00 | | 16 | Net of (Avoided Suburit Costs) - (incurred Master Meter Costs) Fer Suburit. |
| 17 | Submeter Credit / Month | \$18.69 | | 17 | - |
| 18 | x Number Months / Year | 12 | | 18 | |
| 19 | Submeter Credit / Year | \$224.28 | | 19 | |
| 20 | + Number Days / Year | 365 | | 20 | - |
| 21 | = Submeter Credit / Day | \$0.61447 | | 21 | - |
| | Submeter create, Day | φιστι | | | • |
| | | | | | |
| 1 | Net Avoided Cost / Month | \$18.69 | | 1 | << Net of (Avoided Subunit Costs) - (Incurred Master Meter Costs) Per Subunit. |
| 1 2 | - SDG&E Monthly Cust/Min Charge | \$10.00 | | 1 2 | Net of (Avoided Suburit Costs) - (incurred Master Meter Costs) Fer Suburit. |
| 3 | Submeter Credit / Month | \$8.69 | | 3 | - |
| 4 | x Number Months / Year | 12 | | 4 | |
| 5 | Submeter Credit / Year | \$104.28 | | 5 | |
| | | | | | - |
| 6 | Number Days / Year Submeter Credit / Day | 365 \$0.28570 | | 6 | - |
| 7 | = Submeter Credit/ Day | φU.2857U | | 1 | <u>.</u> |

- Submetering Avoided Cost Credit -GS

 >> For multi-family dwelling units supplied through one meter and submetered to all individual units (Schedule GS).

 >> Due to Use of Subunit, Traditional Meter Capital and O&M Expenses Are Avoided. However, Savings Offset By Incurred Master Meter Capital and O&M Expenses.

 >> Master Meter Capital and O&M Expenses are Quantified on a Per Subunit Basis.

 >> Net Submetering Avoided Cost Credit = (Traditional Meter Capital and O&M) (Master Meter Capital and O&M ÷ Average No. of Subunits Per Master Meter)

 >> Adopted Proposal = Western Mobilehome Parkowners Association. From Exhibit No. 186, As Filed w/Scaling.

SDG&E GS Submeter Discount 2020 TCAP Phase Ilustrative Rates

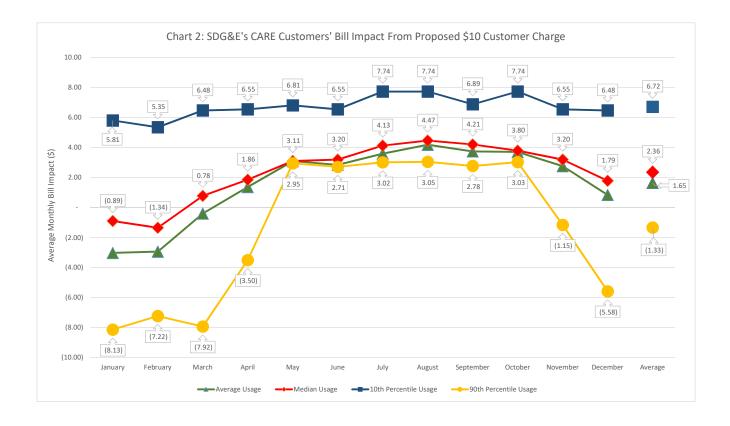
| | | Avoided Cost Per Subunit (Single Family) | Incurred Cost Per GS Master Meter | | |
|----|--|---|--------------------------------------|----|---|
| | Plant Costs | (\$/cst/yr.) | (\$/cst/yr.) | | Source |
| 1 | Service/Regulation/Meter | \$169.86 | \$193.25 | 1 | SDGE LRMC Customer Cost |
| 2 | Distribution Main (High Pressure) | \$54.44 | \$54.44 | 2 | SDGE LRMC Distribution |
| 3 | Net Annual Cost/Space | \$224.30 | \$247.70 | 3 | SDGE LRMC Customer Cost |
| | | | | | |
| 4 | Customer Expenses | | | 4 | SDGE LRMC Customer Cost |
| 5 | O&M | \$42.00 | \$54.00 | 5 | SDGE LRMC Customer Cost |
| 6 | O&M Loaders | \$17.60 | \$22.63 | 6 | SDGE LRMC Customer Cost |
| 7 | Net Customer Expenses | \$59.60 | \$76.63 | 7 | SDGE LRMC Customer Cost |
| 8 | Subtotal - Annual Costs | \$283.91 | \$324.33 | 8 | |
| 9 | x EPAM Scaling Factor | 79.81% | 79.81% | 9 | SDGE Cost Allocation |
| 10 | = Avoided / Incurred Cost / Yr | \$226.59 | \$258.85 | 10 | |
| 11 | ÷ Number Months / Year | 12 | 12 | 11 | |
| 12 | = Avoided / Incurred Cost / Mo | \$18.88 | \$21.57 | 12 | |
| 13 | ÷ Avg No. of Subunits Per Master Meter Account | 1 | 26 | 13 | Recorded 2016 |
| 14 | = Incurred Cost Per Living Unit for Master Meter | | \$0.82 | 14 | _ |
| 15 | Net Avoided Cost / Month | \$18.06 | | 15 | << Net of (Avoided Subunit Costs) - (Incurred Master Meter Costs) Per Subunit. |
| 16 | - SDG&E Monthly Cust Charge | \$0.00 | | 16 | ** (Net of (Avoided Subdiffit Costs) * (Incurred Waster Weter Costs) Fer Subdiffit. |
| 17 | Submeter Credit/Month | \$18.06 | | 17 | _ |
| 18 | x Number Months / Year | 12 | | 18 | |
| 19 | Submeter Credit / Year | \$216.72 | | 19 | |
| 20 | ÷ Number Days / Year | 365 | | 20 | _ |
| 21 | = Submeter Credit/Day | \$0.59375 | | 21 | |
| | | | | | |
| 22 | Net Avoided Cost / Month | \$18.06 | | 22 | |
| 23 | - SDG&E Monthly Cust Charge | \$10.00 | | 23 | <u></u> |
| 24 | Submeter Credit / Month | \$8.06 | | 24 | |
| 25 | x Number Months / Year | 12 | | 25 | |
| 26 | Submeter Credit / Year | \$96.72 | | 26 | <u> </u> |
| 27 | ÷ Number Days / Year | 365 | | 27 | |
| 28 | = Submeter Credit/Day | \$0.26499 | | 28 | |

SAN DIEGO GAS & ELECTRIC 2020 TCAP

CARE Bill Impact Calculations

Workpapers to the Prepared Written Testimony of Sharim Chaudhury

| | Usage | | | | | Average | | | |
|-----------|---------------|--------------|-----------------|-----------------------|---|---------------|--------------|-----------------|-----------------------|
| | Average Usage | Median Usage | 10th Percentile | 90th Percentile Usage | e | Average Usage | Median Usage | 10th Percentile | 90th Percentile Usage |
| January | (3.02) | (0.89) | 5.81 | (8.13) | | | | | |
| February | (2.93) | (1.34) | 5.35 | (7.22) | | | | | |
| March | (0.39) | 0.78 | 6.48 | (7.92) | | | | | |
| April | 1.37 | 1.86 | 6.55 | (3.50) | | | | | |
| May | 3.10 | 3.11 | 6.81 | 2.95 | | | | | |
| June | 2.85 | 3.20 | 6.55 | 2.71 | | | | | |
| July | 3.60 | 4.13 | 7.74 | 3.02 | | | | | |
| August | 4.19 | 4.47 | 7.74 | 3.05 | | | | | |
| September | 3.74 | 4.21 | 6.89 | 2.78 | | | | | |
| October | 3.71 | 3.80 | 7.74 | 3.03 | | | | | |
| November | 2.76 | 3.20 | 6.55 | (1.15) | | | | | |
| December | 0.85 | 1.79 | 6.48 | (5.58) | | | | | |
| Average | | • | • | | | 1.65 | 2.36 | 6.72 | (1.33) |
| Average | 1.65 | 2.36 | 6.72 | (1.33) | | | | | |



| CARE Bill Impacts Lowest 10 Percentile | | | | | | | | | | | | | | | | | | | | | | | |
|--|------|-------|-------|---------|----------|------------|-----------|------------|--------|-------------|---|------------|-------------|-------|----|-----------|----------|---------|----------|----------|---------|----------|---|
| | | | | | | | | High (90th | | Low (10th | | Status Quo | \$10 Cust | | | | Daily BL | Days/Mo | Monthly | Care | Monthly | Baseline | 3 |
| | CARE | revmo | Cust | omers A | verage . | Avg Baseli | Avg Non B | Percentile | Median | Percentile) |) | Total Bill | Charge Bill | Delta | C | are (T/F) | Limit | nth | BL Limit | Discount | Therms | Usage | |
| | | | | Th | herms | Therms | Therms | Therms | Therms | Therms | | | | | | | | | | | | | |
| | Yes | | 1 16 | 53,889 | 33.3518 | 28.6052 | 4.7465 | 67 | 7 2 | 7 | 7 | 7.08 | 12.89 | 5. | 81 | TRUE | 1.546 | 31 | . 48 | 20% | | 7 | 7 |
| | Yes | | 2 16 | 54,902 | 30.7407 | 26.6903 | 4.0504 | 60 |) 20 | ŝ | 6 | 6.07 | 11.42 | 5. | 35 | TRUE | 1.546 | 28 | 43 | 20% | | 6 | 6 |
| | Yes | | 3 16 | 66,397 | 25.5158 | 23.7478 | 1.768 | 48 | 3 2 | 2 | 5 | 5.05 | 11.53 | 6. | 48 | TRUE | 1.546 | 31 | 48 | 20% | | 5 | 5 |
| | Yes | | 4 16 | 66,351 | 19.4525 | 19.0474 | 0.4051 | 34 | 1 1 | 3 | 4 | 4.04 | 10.59 | 6. | 55 | TRUE | 1.546 | 30 | 46 | 20% | | 4 | 4 |
| | Yes | | 5 16 | 66,332 | 17.6071 | 15.5465 | 2.0607 | 31 | 1 1 | 7 | 4 | 4.04 | 10.86 | 6.3 | 81 | TRUE | 0.493 | 31 | . 15 | 20% | | 4 | 4 |
| | Yes | | 6 16 | 66,832 | 16.3001 | 11.8771 | 4.423 | 29 | 9 1 | 1 | 4 | 4.04 | 10.59 | 6. | 55 | TRUE | 0.493 | 30 | 15 | 20% | | 4 | 4 |
| | Yes | | 7 16 | 57,561 | 13.6065 | 10.9417 | 2.6648 | 25 | 5 1 | 2 | 3 | 2.45 | 10.18 | 7. | 74 | TRUE | 0.493 | 31 | . 15 | 20% | | 3 | 3 |
| | Yes | | 8 16 | 59,005 | 11.8309 | 9.7933 | 2.0376 | 22 | 2 1: | 1 | 3 | 2.45 | 10.18 | 7. | 74 | TRUE | 0.493 | 31 | . 15 | 20% | | 3 | 3 |
| | Yes | | 9 17 | 70,054 | 12.3838 | 10.3673 | 2.0164 | 2 | 3 1: | 1 | 3 | 3.03 | 9.92 | 6. | 89 | TRUE | 0.493 | 30 | 15 | 20% | | 3 | 3 |
| | Yes | 1 | .0 16 | 59,912 | 13.2649 | 10.5012 | 2.7637 | 24 | 1 13 | 3 | 3 | 2.45 | 10.18 | 7. | 74 | TRUE | 0.493 | 31 | 15 | 20% | | 3 | 3 |
| | Yes | 1 | 1 16 | 59,528 | 15.3132 | 14.3665 | 0.9467 | 27 | 7 1 | 1 | 4 | 4.04 | 10.59 | 6. | 55 | TRUE | 1.546 | 30 | 46 | 20% | | 4 | 4 |
| | Voc | 1 | 2 16 | 9 070 | 21 7005 | 20 72/1 | 1.0654 | 41 | 1 10 | 2 | 5 | 5.05 | 11 52 | 6 | 40 | TRUE | 1 5/16 | 21 | /10 | 20% | | E . | 5 |

| Non BL | | | | | | | | | | | | | | | | |
|--------|--------------|--------------------------|-----------------|------------------|--------------|-----------------------|---------------|-------------------|--------------|--------------------------|-----------------|------------------|--------------|-----------------------|-----------------|-------------------|
| Usage | Total Bill 1 | Customer Charge \$/day = | BL Rate \$/th = | NBL Rate \$/th = | G-CP \$/th = | PPPS Non-CARE \$/th = | G-SRF \$/th = | PPPS CARE \$/th = | Total Bill 2 | Customer Charge \$/day = | BL Rate \$/th = | NBL Rate \$/th = | G-CP \$/th = | PPPS Non-CARE \$/th = | G-SRF \$/th = I | PPPS CARE \$/th = |
| | | 0.09863 | 0.90889 | 1.09084 | 0.27827 | 0.06758 | 0.00166 | 0.05951 | | 0.32877 | 0.49019 | 1.07719 | 0.27827 | 0.06758 | 0.00166 | 0.05951 |
| 0 | 7.08 | | 5.08977 | - | 1.55832 | | 0.01162 | 0.41655 | 12.89 | 8.15342 | 2.74509 | - | 1.55832 | | 0.01162 | 0.41655 |
| 0 | 6.07 | | 4.36266 | - | 1.33570 | | 0.00996 | 0.35705 | 11.42 | 7.36438 | 2.35293 | - | 1.33570 | | 0.00996 | 0.35705 |
| 0 | 5.05 | - | 3.63555 | - | 1.11308 | - | 0.00830 | 0.29754 | 11.53 | 8.15342 | 1.96078 | - | 1.11308 | - | 0.00830 | 0.29754 |
| 0 | 4.04 | - | 2.90844 | - | 0.89047 | - | 0.00664 | 0.23803 | 10.59 | 7.89041 | 1.56862 | - | 0.89047 | - | 0.00664 | 0.23803 |
| 0 | 4.04 | - | 2.90844 | - | 0.89047 | - | 0.00664 | 0.23803 | 10.86 | 8.15342 | 1.56862 | - | 0.89047 | - | 0.00664 | 0.23803 |
| 0 | 4.04 | - | 2.90844 | - | 0.89047 | - | 0.00664 | 0.23803 | 10.59 | 7.89041 | 1.56862 | - | 0.89047 | - | 0.00664 | 0.23803 |
| 0 | 2.45 | (0.58666) | 2.18133 | - | 0.66785 | - | 0.00498 | 0.17852 | 10.18 | 8.15342 | 1.17647 | - | 0.66785 | - | 0.00498 | 0.17852 |
| 0 | 2.45 | (0.58666) | 2.18133 | - | 0.66785 | | 0.00498 | 0.17852 | 10.18 | 8.15342 | 1.17647 | - | 0.66785 | | 0.00498 | 0.17852 |
| 0 | 3.03 | | 2.18133 | - | 0.66785 | | 0.00498 | 0.17852 | 9.92 | 7.89041 | 1.17647 | - | 0.66785 | | 0.00498 | 0.17852 |
| 0 | 2.45 | (0.58666) | 2.18133 | - | 0.66785 | | 0.00498 | 0.17852 | 10.18 | 8.15342 | 1.17647 | - | 0.66785 | | 0.00498 | 0.17852 |
| 0 | 4.04 | | 2.90844 | - | 0.89047 | | 0.00664 | 0.23803 | 10.59 | 7.89041 | 1.56862 | - | 0.89047 | | 0.00664 | 0.23803 |
| 0 | 5.05 | - | 3.63555 | - | 1.11308 | - | 0.00830 | 0.29754 | 11.53 | 8.15342 | 1.96078 | | 1.11308 | - | 0.00830 | 0.29754 |
| | | | | | | | | | | | | | | | | |

| CARE Bill Impacts Median | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|-------|----------|------------|-----------|--------------|------------|--------|-------------|---|------------|-------------|-------|------|-----------|----------|---------|----------|----------|---------|---------|----|
| | | | | | | High (90th | | Low (10th | | Status Quo | \$10 Cust | | | | Daily BL | Days/Mo | Monthly | Care | Monthly | Baselin | e |
| CARE | revmo | Custome | rs Average | Avg Basel | iı Avg Non B | Percentile | Median | Percentile) | 1 | Total Bill | Charge Bill | Delta | C | are (T/F) | Limit | nth | BL Limit | Discount | Therms | Usage | |
| | | | Therms | Therms | Therms | Therms | Therms | Therms | | | | | | | | | | | | | |
| Yes | | 1 163,88 | 9 33.3518 | 28.6052 | 4.7465 | 67 | 7 2 | 7 | 7 | 27.29 | 26.40 | (0. | .89) | TRUE | 1.546 | 31 | 48 | 20% | 2 | 7 | 27 |
| Yes | | 2 164,90 | 2 30.7407 | 26.6903 | 4.0504 | - 60 |) 26 | 6 | 6 | 26.28 | 24.94 | (1 | .34) | TRUE | 1.546 | 28 | 3 43 | 20% | 2 | 6 | 26 |
| Yes | | 3 166,39 | 7 25.5158 | 23.7478 | 1.768 | 48 | 3 2 | 2 | 5 | 22.24 | 23.02 | 0 | .78 | TRUE | 1.546 | 31 | 48 | 20% | 2 | 2 | 22 |
| Yes | | 4 166,35 | 1 19.4525 | 19.0474 | 0.4051 | 34 | 1 1 | 8 | 4 | 18.20 | 20.06 | 1 | .86 | TRUE | 1.546 | 30 | 46 | 20% | 1 | В | 18 |
| Yes | | 5 166,33 | 2 17.6071 | 15.5465 | 2.0607 | 31 | 1 1 | 7 | 4 | 17.48 | 20.58 | 3. | .11 | TRUE | 0.493 | 31 | 15 | 20% | 1 | 7 | 15 |
| Yes | | 6 166,83 | 2 16.3001 | 11.8771 | 4.423 | 29 | 1 | 4 | 4 | 14.15 | 17.35 | 3 | .20 | TRUE | 0.493 | 30 | 15 | 20% | 1 | 4 | 14 |
| Yes | | 7 167,56 | 1 13.6065 | 10.9417 | 2.6648 | 25 | 5 1 | 2 | 3 | 12.13 | 16.26 | 4 | .13 | TRUE | 0.493 | 31 | 15 | 20% | 1 | 2 | 12 |
| Yes | | 8 169,00 | 5 11.8309 | 9.7933 | 2.0376 | 22 | 2 1: | 1 | 3 | 11.12 | 15.59 | 4 | .47 | TRUE | 0.493 | 31 | 15 | 20% | 1 | 1 | 11 |
| Yes | | 9 170,05 | 4 12.3838 | 10.3673 | 2.0164 | 2 | 3 1: | 1 | 3 | 11.12 | 15.33 | 4 | .21 | TRUE | 0.493 | 30 | 15 | 20% | 1 | 1 | 11 |
| Yes | 1 | 0 169,91 | 2 13.2649 | 10.5012 | 2.7637 | 24 | 1 1 | 3 | 3 | 13.14 | 16.94 | 3 | .80 | TRUE | 0.493 | 31 | 15 | 20% | 1 | 3 | 13 |
| Yes | 1 | 1 169,52 | 8 15.3132 | 14.3665 | 0.9467 | 27 | 7 1 | 4 | 4 | 14.15 | 17.35 | 3. | .20 | TRUE | 1.546 | 30 | 46 | 20% | 1 | 4 | 14 |
| Vec | - 1 | 2 160 07 | 0 21 7000 | 20 7241 | 1.0004 | 4. | 1 10 | n | E | 10.21 | 21.00 | | 70 | TRUE | 1 5 4 6 | 21 | 40 | 200/ | 11 | 2 | 10 |

| Non BL | | | | | | | | | | | | | | | | |
|--------|--------------|--------------------------|-----------------|------------------|--------------|-----------------------|---------------|-------------------|--------------|--------------------------|-----------------|------------------|--------------|-----------------------|------------------|------------------|
| Usage | Total Bill 1 | Customer Charge \$/day = | BL Rate \$/th = | NBL Rate \$/th = | G-CP \$/th = | PPPS Non-CARE \$/th = | G-SRF \$/th = | PPPS CARE \$/th = | Total Bill 2 | Customer Charge \$/day = | BL Rate \$/th = | NBL Rate \$/th = | G-CP \$/th = | PPPS Non-CARE \$/th = | G-SRF \$/th = Pf | PPS CARE \$/th = |
| | | 0.09863 | 0.90889 | 1.09084 | 0.27827 | 0.06758 | 0.00166 | 0.05951 | | 0.32877 | 0.49019 | 1.07719 | 0.27827 | 0.06758 | 0.00166 | 0.05951 |
| 0 | 27.29 | - | 19.63199 | - | 6.01065 | - | 0.04482 | 1.60671 | 26.40 | 8.15342 | 10.58820 | - | 6.01065 | | 0.04482 | 1.60671 |
| 0 | 26.28 | - | 18.90488 | - | 5.78804 | - | 0.04316 | 1.54720 | 24.94 | 7.36438 | 10.19604 | - | 5.78804 | | 0.04316 | 1.54720 |
| 0 | 22.24 | - | 15.99643 | - | 4.89757 | - | 0.03652 | 1.30917 | 23.02 | 8.15342 | 8.62742 | - | 4.89757 | | 0.03652 | 1.30917 |
| 0 | 18.20 | - | 13.08799 | - | 4.00710 | - | 0.02988 | 1.07114 | 20.06 | 7.89041 | 7.05880 | - | 4.00710 | | 0.02988 | 1.07114 |
| 2 | 17.48 | - | 10.90666 | 1.74534 | 3.78448 | - | 0.02822 | 1.01163 | 20.58 | 8.15342 | 5.88233 | 1.72351 | 3.78448 | | 0.02822 | 1.01163 |
| 0 | 14.15 | - | 10.17955 | - | 3.11663 | - | 0.02324 | 0.83311 | 17.35 | 7.89041 | 5.49018 | - | 3.11663 | | 0.02324 | 0.83311 |
| 0 | 12.13 | - | 8.72533 | - | 2.67140 | - | 0.01992 | 0.71409 | 16.26 | 8.15342 | 4.70587 | - | 2.67140 | | 0.01992 | 0.71409 |
| 0 | 11.12 | | 7.99822 | - | 2.44878 | | 0.01826 | 0.65458 | 15.59 | 8.15342 | 4.31371 | - | 2.44878 | | 0.01826 | 0.65458 |
| 0 | 11.12 | | 7.99822 | - | 2.44878 | | 0.01826 | 0.65458 | 15.33 | 7.89041 | 4.31371 | - | 2.44878 | | 0.01826 | 0.65458 |
| 0 | 13.14 | | 9.45244 | - | 2.89402 | | 0.02158 | 0.77360 | 16.94 | 8.15342 | 5.09802 | - | 2.89402 | | 0.02158 | 0.77360 |
| 0 | 14.15 | | 10.17955 | - | 3.11663 | | 0.02324 | 0.83311 | 17.35 | 7.89041 | 5.49018 | - | 3.11663 | | 0.02324 | 0.83311 |
| 0 | 19.21 | | 13.81510 | - | 4.22972 | - | 0.03154 | 1.13065 | 21.00 | 8.15342 | 7.45095 | - | 4.22972 | - | 0.03154 | 1.13065 |
| | | | | | | | | | | | | | | | | |

| CARE Bill Impacts Average | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------|------|-----------|---------|------------|-----------|------------|--------|-------------|---|------------|-------------|--------|------------|----------|---------|----------|----------|---------|----------|--|
| | | | | | | | High (90th | | Low (10th | | Status Quo | \$10 Cust | | | Daily BL | Days/Mo | Monthly | Care | Monthly | Baseline | |
| CARE | revmo | Cus | stomers A | Average | Avg Baseli | Avg Non B | Percentile | Median | Percentile) | | Total Bill | Charge Bill | Delta | Care (T/F) | Limit | nth | BL Limit | Discount | Therms | Usage | |
| | | | 1 | Therms | Therms | Therms | Therms | Therms | Therms | | | | | | | | | | | | |
| Yes | | 1 1 | 163,889 | 33.3518 | 28.6052 | 4.7465 | 67 | 2 | 7 | 7 | 33.72 | 30.70 | (3.02) | TRUE | 1.546 | 31 | 48 | 20% | 33 | 33 | |
| Yes | | 2 1 | 164,902 | 30.7407 | 26.6903 | 4.0504 | 60 | 20 | 5 | 6 | 31.08 | 28.14 | (2.93) | TRUE | 1.546 | 5 28 | 43 | 20% | 31 | 31 | |
| Yes | | 3 1 | 166,397 | 25.5158 | 23.7478 | 1.768 | 48 | 2 | 2 | 5 | 25.79 | 25.40 | (0.39) | TRUE | 1.546 | 31 | 48 | 20% | 26 | 26 | |
| Yes | | 4 1 | 166,351 | 19.4525 | 19.0474 | 0.4051 | 34 | 18 | 3 | 4 | 19.66 | 21.04 | 1.37 | TRUE | 1.546 | 30 | 46 | 20% | 19 | 19 | |
| Yes | | 5 1 | 166,332 | 17.6071 | 15.5465 | 2.0607 | 31 | 1 | 7 . | 4 | 18.18 | 21.28 | 3.10 | TRUE | 0.493 | 31 | 15 | 20% | 18 | 15 | |
| Yes | | 6 1 | 166,832 | 16.3001 | 11.8771 | 4.423 | 29 | 14 | 1 . | 4 | 16.67 | 19.52 | 2.85 | TRUE | 0.493 | 30 | 15 | 20% | 16 | 15 | |
| Yes | | 7 1 | 167,561 | 13.6065 | 10.9417 | 2.6648 | 25 | 12 | 2 | 3 | 13.75 | 17.35 | 3.60 | TRUE | 0.493 | 31 | 15 | 20% | 14 | 14 | |
| Yes | | 8 1 | 169,005 | 11.8309 | 9.7933 | 2.0376 | 22 | 1 | L | 3 | 11.96 | 16.15 | 4.19 | TRUE | 0.493 | 31 | 15 | 20% | 12 | 12 | |
| Yes | | 9 1 | 170,054 | 12.3838 | 10.3673 | 2.0164 | 23 | 1: | L | 3 | 12.52 | 16.26 | 3.74 | TRUE | 0.493 | 30 | 15 | 20% | 12 | 12 | |
| Yes | | 10 1 | 169,912 | 13.2649 | 10.5012 | 2.7637 | 24 | 13 | 3 | 3 | 13.41 | 17.12 | 3.71 | TRUE | 0.493 | 31 | 15 | 20% | 13 | 13 | |
| Yes | | 11 1 | 169,528 | 15.3132 | 14.3665 | 0.9467 | 27 | 14 | 1 . | 4 | 15.48 | 18.24 | 2.76 | TRUE | 1.546 | 30 | 46 | 20% | 15 | 15 | |
| Voc | | 12 1 | 169 070 | 21 7005 | 20 72/1 | 1.0654 | 41 | 10 | 1 | 5 | 22.04 | 22.90 | 0.05 | TRUE | 1 5/16 | 21 | 40 | 20% | 22 | 22 | |

| Non BL | | | | | | | | | | | | | | | | |
|--------|---------------------|---------------------|-----------------|------------------|--------------|-----------------------|---------------|-------------------|--------------|--------------------------|-----------------|------------------|--------------|-----------------------|-----------------|-------------------|
| Usage | Total Bill 1 Custom | ner Charge \$/day = | BL Rate \$/th = | NBL Rate \$/th = | G-CP \$/th = | PPPS Non-CARE \$/th = | G-SRF \$/th = | PPPS CARE \$/th = | Total Bill 2 | Customer Charge \$/day = | BL Rate \$/th = | NBL Rate \$/th = | G-CP \$/th = | PPPS Non-CARE \$/th = | G-SRF \$/th = I | PPPS CARE \$/th = |
| | | 0.09863 | 0.90889 | 1.09084 | 0.27827 | 0.06758 | 0.00166 | 0.05951 | | 0.32877 | 0.49019 | 1.07719 | 0.27827 | 0.06758 | 0.00166 | 0.05951 |
| 0 | 33.72 | - | 24.25045 | - | 7.42467 | - | 0.05536 | 1.98469 | 30.70 | 8.15342 | 13.07909 | - | 7.42467 | - | 0.05536 | 1.98469 |
| 0 | 31.08 | - | 22.35189 | - | 6.84339 | - | 0.05103 | 1.82931 | 28.14 | 7.36438 | 12.05513 | - | 6.84339 | - | 0.05103 | 1.82931 |
| 0 | 25.79 | - | 18.55281 | - | 5.68024 | - | 0.04236 | 1.51839 | 25.40 | 8.15342 | 10.00616 | - | 5.68024 | - | 0.04236 | 1.51839 |
| 0 | 19.66 | - | 14.14412 | - | 4.33045 | - | 0.03229 | 1.15757 | 21.04 | 7.89041 | 7.62840 | - | 4.33045 | - | 0.03229 | 1.15757 |
| 3 | 18.18 | - | 10.90666 | 2.27514 | 3.91964 | - | 0.02923 | 1.04776 | 21.28 | 8.15342 | 5.88233 | 2.24668 | 3.91964 | - | 0.02923 | 1.04776 |
| 1 | 16.67 | - | 10.90666 | 1.13456 | 3.62868 | | 0.02706 | 0.96998 | 19.52 | 7.89041 | 5.88233 | 1.12037 | 3.62868 | | 0.02706 | 0.96998 |
| 0 | 13.75 | - | 9.89343 | - | 3.02903 | | 0.02259 | 0.80969 | 17.35 | 8.15342 | 5.33586 | - | 3.02903 | | 0.02259 | 0.80969 |
| 0 | 11.96 | - | 8.60237 | - | 2.63376 | | 0.01964 | 0.70403 | 16.15 | 8.15342 | 4.63955 | - | 2.63376 | | 0.01964 | 0.70403 |
| 0 | 12.52 | - | 9.00439 | - | 2.75684 | | 0.02056 | 0.73693 | 16.26 | 7.89041 | 4.85638 | - | 2.75684 | | 0.02056 | 0.73693 |
| 0 | 13.41 | - | 9.64505 | - | 2.95299 | | 0.02202 | 0.78936 | 17.12 | 8.15342 | 5.20190 | - | 2.95299 | | 0.02202 | 0.78936 |
| 0 | 15.48 | - | 11.13439 | - | 3.40897 | | 0.02542 | 0.91125 | 18.24 | 7.89041 | 6.00516 | - | 3.40897 | | 0.02542 | 0.91125 |
| | | | | | | | | | | | | | | | | |

| CARE Bill Impacts Highest 90 Per | centile | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---------|----|------------|---------|-------------|-----------|------------|--------|-------------|---|------------|-------------|-------|--------|------------|----------|---------|----------|----------|---------|----------|----|
| | | | | | | | High (90th | | Low (10th | | Status Quo | \$10 Cust | | | | Daily BL | Days/Mo | Monthly | Care | Monthly | Baseline | |
| CARE | revmo | Cu | ustomers A | Average | Avg Baselii | Avg Non B | Percentile | Median | Percentile) | | Total Bill | Charge Bill | Delta | | Care (T/F) | Limit | nth | BL Limit | Discount | Therms | Usage | |
| | | | Т | Therms | Therms | Therms | Therms | Therms | Therms | | | | | | | | | | | | | |
| Yes | | 1 | 163,889 | 33.3518 | 28.6052 | 4.7465 | 67 | 27 | | 7 | 70.50 | 62.36 | | (8.13) | TRUE | 1.546 | 3: | 1 48 | 20% | 6 | 7 4 | 18 |
| Yes | | 2 | 164,902 | 30.7407 | 26.6903 | 4.0504 | 60 | 26 | , | 6 | 63.13 | 55.90 | | (7.22) | TRUE | 1.546 | 28 | 3 43 | 20% | 6 | 0 4 | 13 |
| Yes | | 3 | 166,397 | 25.5158 | 23.7478 | 1.768 | 48 | 22 | ! | 5 | 48.52 | 40.60 | | (7.92) | TRUE | 1.546 | 3: | 1 48 | 20% | 4 | 8 4 | 18 |
| Yes | | 4 | 166,351 | 19.4525 | 19.0474 | 0.4051 | 34 | 18 | | 4 | 34.37 | 30.87 | | (3.50) | TRUE | 1.546 | 30 |) 46 | 20% | 3 | 4 3 | 34 |
| Yes | | 5 | 166,332 | 17.6071 | 15.5465 | 2.0607 | 31 | . 17 | | 4 | 33.67 | 36.62 | | 2.95 | TRUE | 0.493 | 3: | 1 15 | 20% | 3 | 1 1 | L5 |
| Yes | | 6 | 166,832 | 16.3001 | 11.8771 | 4.423 | 29 | 14 | | 4 | 31.35 | 34.07 | | 2.71 | TRUE | 0.493 | 30 |) 15 | 20% | 2 | 9 1 | L5 |
| Yes | | 7 | 167,561 | 13.6065 | 10.9417 | 2.6648 | 25 | 12 | ! | 3 | 26.73 | 29.75 | | 3.02 | TRUE | 0.493 | 3: | 1 15 | 20% | 2 | 5 1 | L5 |
| Yes | | 8 | 169,005 | 11.8309 | 9.7933 | 2.0376 | 22 | 11 | | 3 | 23.26 | 26.31 | | 3.05 | TRUE | 0.493 | 3: | 1 15 | 20% | 2 | 2 1 | 15 |
| Yes | | 9 | 170,054 | 12.3838 | 10.3673 | 2.0164 | 23 | 11 | | 3 | 24.42 | 27.19 | | 2.78 | TRUE | 0.493 | 30 |) 15 | 20% | 2 | 3 1 | 15 |
| Yes | 1 | 10 | 169,912 | 13.2649 | 10.5012 | 2.7637 | 24 | 13 | | 3 | 25.57 | 28.60 | 1 | 3.03 | TRUE | 0.493 | 3: | l 15 | 20% | 2 | 4 1 | 15 |
| Yes | 1 | 11 | 169,528 | 15.3132 | 14.3665 | 0.9467 | 27 | 14 | | 4 | 27.29 | 26.14 | | (1.15) | TRUE | 1.546 | 30 |) 46 | 20% | 2 | 7 2 | 27 |
| Yes | 1 | 12 | 168,979 | 21.7995 | 20.7341 | 1.0654 | 41 | . 19 | | 5 | 41.45 | 35.87 | | (5.58) | TRUE | 1.546 | 3: | 1 48 | 20% | 4 | 1 4 | 1 |
| | | | | | | | | | | | | | | | | | | | | | | |

| Non BL | | | | | | | | | | | | | | | | |
|--------|----------------|-------------------------|-----------------|------------------|--------------|-----------------------|---------------|-------------------|--------------|--------------------------|-----------------|------------------|--------------|-----------------------|-----------------|------------------|
| Usage | Total Bill 1 c | ustomer Charge \$/day = | BL Rate \$/th = | NBL Rate \$/th = | G-CP \$/th = | PPPS Non-CARE \$/th = | G-SRF \$/th = | PPPS CARE \$/th = | Total Bill 2 | Customer Charge \$/day = | BL Rate \$/th = | NBL Rate \$/th = | G-CP \$/th = | PPPS Non-CARE \$/th = | G-SRF \$/th = P | PPS CARE \$/th = |
| | | 0.09863 | 0.90889 | 1.09084 | 0.27827 | 0.06758 | 0.00166 | 0.05951 | | 0.32877 | 0.49019 | 1.07719 | 0.27827 | 0.06758 | 0.00166 | 0.05951 |
| 19 | 70.50 | | 34.90131 | 16.58074 | 14.91532 | | 0.11122 | 3.98702 | 62.36 | 8.15342 | 18.82346 | 16.37336 | 14.91532 | | 0.11122 | 3.98702 |
| 17 | 63.13 | | 31.26576 | 14.83540 | 13.35701 | | 0.09960 | 3.57046 | 55.90 | 7.36438 | 16.86269 | 14.64985 | 13.35701 | | 0.09960 | 3.57046 |
| 0 | 48.52 | | 34.90131 | - | 10.68560 | | 0.07968 | 2.85637 | 40.60 | 8.15342 | 18.82346 | - | 10.68560 | | 0.07968 | 2.85637 |
| 0 | 34.37 | | 24.72176 | - | 7.56897 | | 0.05644 | 2.02326 | 30.87 | 7.89041 | 13.33329 | - | 7.56897 | | 0.05644 | 2.02326 |
| 16 | 33.67 | - | 10.90666 | 13.96273 | 6.90112 | - | 0.05146 | 1.84474 | 36.62 | 8.15342 | 5.88233 | 13.78809 | 6.90112 | | 0.05146 | 1.84474 |
| 14 | 31.35 | | 10.90666 | 12.21739 | 6.45589 | | 0.04814 | 1.72572 | 34.07 | 7.89041 | 5.88233 | 12.06458 | 6.45589 | | 0.04814 | 1.72572 |
| 10 | 26.73 | - | 10.90666 | 8.72670 | 5.56542 | - | 0.04150 | 1.48769 | 29.75 | 8.15342 | 5.88233 | 8.61756 | 5.56542 | - | 0.04150 | 1.48769 |
| 7 | 23.26 | | 10.90666 | 6.10869 | 4.89757 | | 0.03652 | 1.30917 | 26.31 | 8.15342 | 5.88233 | 6.03229 | 4.89757 | | 0.03652 | 1.30917 |
| 8 | 24.42 | | 10.90666 | 6.98136 | 5.12019 | | 0.03818 | 1.36868 | 27.19 | 7.89041 | 5.88233 | 6.89405 | 5.12019 | | 0.03818 | 1.36868 |
| 9 | 25.57 | | 10.90666 | 7.85403 | 5.34280 | | 0.03984 | 1.42819 | 28.60 | 8.15342 | 5.88233 | 7.75580 | 5.34280 | | 0.03984 | 1.42819 |
| 0 | 27.29 | | 19.63199 | - | 6.01065 | | 0.04482 | 1.60671 | 26.14 | 7.89041 | 10.58820 | - | 6.01065 | | 0.04482 | 1.60671 |
| 0 | 41.45 | - | 29.81153 | - | 9.12729 | - | 0.06806 | 2.43982 | 35.87 | 8.15342 | 16.07838 | - | 9.12729 | | 0.06806 | 2.43982 |

SDG&E Residential Bill Impact 2020 TCAP Application

| | Rates 1 Status Quo | Rates 2 \$10 Cust Charge |
|------------------------|-----------------------|-----------------------------|
| INPUT: | | |
| Customer Bill \$/day = | \$0.09863 | \$0.32877 |
| BL Rate \$/th = | \$0.90889 | \$0.49019 |
| NBL Rate \$/th = | \$1.09084 | \$1.07719 |
| G-CP \$/th = | \$0.27827 | \$0.27827 |
| PPPS Non-CARE \$/th = | \$0.06758 | \$0.06758 |
| G-SRF \$/th = | \$0.00166 | \$0.00166 |
| PPPS CARE \$/th = | \$0.05951 | \$0.05951 |