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October 23, 2014

The Honorable Kimberly D. Bose, Secretary Federal Energy Regulatory Commission 888 First Street, N.E. Washington, D.C. 20426

#### Re: <u>San Diego Gas & Electric Company</u>, Docket No. ER15-\_\_\_-000

Dear Ms. Bose:

Pursuant to Section 35.7 of the Federal Energy Regulatory Commission's ("Commission" or "FERC") Regulations, 18 CFR §35.7, San Diego Gas & Electric Company ("SDG&E") encloses for filing revisions to its Transmission Owner Tariff ("TO Tariff"), FERC Electric Tariff, Original Volume 11 pertaining to SDG&E's Reliability Services ("RS") Revenue Requirement and related Rate Schedule ("RS Filing").<sup>1</sup> As discussed more fully below, SDG&E proposes to revise RS rate design for certain End-Use Customer classes and to reduce the RS cost of service by approximately 11 percent. SDG&E respectfully requests the Commission to accept the proposed RS Revenue Requirement, rates and revised tariff sheets to become effective January 1, 2015.

Pursuant to the California Independent System Operator Corporation ("CAISO" or "ISO") Tariff, RS costs incurred by the CAISO to maintain reliable electric service in the ISO Control Area are billed by the ISO to, *inter alia*, SDG&E as a Responsible Utility or Participating Transmission Owner ("PTO"), *e.g.* Reliability Must Run ("RMR") costs and CAISO Market Redesign and Technology Update ("MRTU") Exceptional Dispatch costs, including default costs.

As discussed more fully below, SDG&E requests a one-time, limited waiver of Section 4 of Appendix VI Section 4 of Appendix VI, Reliability Service Revenue Requirement of SDG&E's TO Tariff. Section 4 requires SDG&E to file its annual RS rates in December, the month prior to the month the RS rates are proposed to go into effect, and to use the recorded balance in the RS Balancing Account ("RSBA") as of November 30. SDG&E seeks the waiver

<sup>&</sup>lt;sup>1</sup> FERC Electric Tariff, Original Volume 11, Section 3, Appendix V and Appendix VII. The capitalized terms have the meaning ascribed to them herein or in SDG&E's TO Tariff.

The Hon. Kimberly D. Bose, Secretary Federal Energy Regulatory Commission October 23, 2014 Page 2 of 6

to allow it to: (1) submit the proposed rate change in October, rather than December, to facilitate implementing accounting and billing adjustments necessary to effectuate the revised rates, rate design and tariff sheets on January 1, 2015, and (2) use the recorded balance in the RS Balancing Account ("RSBA") on September 30<sup>th</sup> instead of on November 30<sup>th</sup>. No party will be harmed by grant of the waiver request and making this RS Filing in October rather than in December meets the sixty-day notice requirement of the Federal Power Act ("FPA").<sup>2</sup>

### I. CONTENTS OF FILING

SDG&E's RS Filing consists of the following:

- 1. This cover letter;
- 2. Attachment No.1, Clean Revised TO tariff sheets;
- 3. Attachment No. 2, Redline Revised TO tariff sheets;
- 4. Exhibit No. SDG-1, Testimony of Christian A. Soderlund;
- 5. Exhibit No. SDG-2, Testimony of William G. Saxe;
- 6. Exhibit No. SDG-3, Cost Statements;
- 7. Attestation and Certificate of Service.

### II. COMMUNICATIONS

Correspondence and other communications concerning this RS Filing should be addressed to the following:<sup>3</sup>

Georgetta J. Baker	Ed Lucero
Attorney	Gas & Electric Analysis Manager
Sempra Energy	San Diego Gas & Electric Company
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San Diego, CA 92101	San Diego, CA 92123-1550
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<sup>&</sup>lt;sup>2</sup> 16 U.S.C. §824d (d).

<sup>&</sup>lt;sup>3</sup> SDG&E requests waiver of Rule 203(b)(3) to the extent necessary to permit each of the individuals identified above to be placed on the Commission's official service list in this proceeding.

The Hon. Kimberly D. Bose, Secretary Federal Energy Regulatory Commission October 23, 2014 Page 3 of 6

> Jeffrey Stein Transmission Revenues Manager San Diego Gas & Electric Company 8315 Century Park Court San Diego, California 92123 Tel. (858) 636-5551 Fax (858) 654-1788 E-mail: jstein@semprautilities.com

Steven Williams FERC Case Manager San Diego Gas & Electric Company 8330 Century Park Court San Diego, CA 92123 Phone: 858-650-6158 Fax: 858-654-1788 E-mail: swilliams@semprautilities.com

#### III. DESCRIPTION OF FILING

#### A. 2014 Reliability Service Costs

SDG&E proposes two basic changes in this RS Filing: (1) an 11 percent decrease in the RS cost of service from approximately \$5.4 million last year (2014) to approximately \$4.8 million for the 2015 service year, and (2) a revised rate design for the Small Commercial, Medium & Large Commercial/Industrial, and new Agricultural customer classes.<sup>4</sup>

More particularly, as described in Mr. Soderlund's testimony, pursuant to SDG&E's TO Tariff, SDG&E records all RS Costs in its RSBA. The RSBA is designed to ensure that SDG&E neither over-collects nor under-collects from customers RS Costs that the CAISO assesses SDG&E. Each year, SDG&E determines an RS Revenue Requirement, which includes the RSBA and a forecast of RS costs for the applicable service year, and develops rates to collect that amount. SDG&E bills RS rates to all of its End-Use Customers and its single Wholesale Customer serving load in SDG&E's service area.

RS costs consist of RMR and Exceptional Dispatch costs that the CAISO bills to SDG&E. In Exhibit No. SDG-1, Mr. Soderlund explains the components of SDG&E's 2015 RS forecast costs and the basis for their incurrence. As shown in Statement BK to Exhibit No. SDG-3, the 2015 total cost of service is approximately \$4.837 million. This amount includes the RS cost forecast of 2015 of approximately \$3.979 million, a RSBA balance as of September 30, 2014 of an under- collection of approximately \$0.801 million and Franchise Fees and Uncollectibles of approximately \$57 thousand. The RSBA balance reflects an under collection which increases the 2015 RS cost of service. Comparatively, the 2014 RS cost of service was approximately \$5.409 million, which included forecast RS costs of approximately \$4.229 million, a RSBA under collection of approximately \$1.116 million and Franchise Fees and Uncollectibles of approximately \$64 thousand. The 2015 total RS cost of service decreased approximately \$572 thousand when compared to 2014. As explained further by Mr. Soderlund, this variance is due to a smaller under-collection in the RSBA balance and a slightly lower RS

<sup>&</sup>lt;sup>4</sup> The revised rate design incorporates the directives of the California Public Utilities Commission's ("CPUC") Decision ("D.") 14-01-002, 2014 Cal. PUC LEXIS 37. The rate design in this RS Filing is consistent with the rate design reflected in SDG&E's filing in Docket No. ER14-2748-000, applicable to Appendix IX of SDG&E's TO Tariff.

The Hon. Kimberly D. Bose, Secretary Federal Energy Regulatory Commission October 23, 2014 Page 4 of 6

cost forecast due to lower forecast RMR costs for AES Huntington Beach Generating Station Units 3 and 4 ("HB 3 and 4") and the end of RMR Termination Fees associated with Dynegy South Bay.

For RMR, the CAISO conducts studies annually to identify generating units whose availability and operation is required to ensure the local reliability of the grid. The CAISO contracts with generation owners or operators of these generating units, which are designated as RMR units, to ensure that the CAISO can dispatch the units to meet minimum requirements for local grid reliability. The CAISO bills SDG&E the costs of the RMR units located within SDG&E's service territory. In addition, RMR units can provide reliability benefits in contiguous PTO Service Territories, and in that case, each PTO would have a share of those RMR costs, which is the case with HB 3 and 4. Forecast RMR costs have slightly decreased from the forecasted 2014 costs of approximately \$3.727 million to approximately \$3.415 million for 2015.

Under MRTU, the FERC-mandated Must Offer ("MO") obligation and certain RS cost categories, *i.e.*, Out of Market costs and MO-related Minimum Load Costs ("MLC") have been eliminated<sup>5</sup> and the Exceptional Dispatch Service has been created. Under its Exceptional Dispatch authority, the ISO now has the authority to issue "Exceptional Dispatches" to address reliability needs that cannot be addressed through the normal operation of the ISO markets.<sup>6</sup> When Exceptional Dispatch costs are incurred due to "Transmission-Related Modeling Limitations," the costs will be billed to a PTO<sup>7</sup> as RS costs.<sup>8</sup> For purposes of this RS Filing, the forecasted Exceptional Dispatch costs are approximately \$0.5 million for 2015.

In Exhibit No. SDG-2, Mr. Saxe describes the proposed rate design change which provides for the addition of a new Agricultural class to SDG&E's End-Use Customer classes. Mr. Saxe also explains how he utilizes Mr. Soderlund's 2015 forecast costs and the RS balancing account through September 30, 2014, to develop the RS cost of service. Mr. Saxe also describes the allocation of the RS cost of service to SDG&E's single wholesale customer and explains how RS costs are allocated to SDG&E's retail customer classes. Finally, Mr. Saxe discusses retail customer rate design. Exhibit No. SDG-3 (Cost of Service Statements), Statement BL, Rate Design Information, page 1, shows the proposed rates SDG&E is requesting in this RS Filing. Statement BG, Revenue to Reflect Changed Rates, page 1, shows the proposed customer class

<sup>&</sup>lt;sup>5</sup> RMR and Resource Adequacy ("RA") units will have a contractual-based MO obligation instead of the FERC-mandated MO obligation.

<sup>&</sup>lt;sup>6</sup> Order Conditionally Accepting CAISO's Electric Tariff Filing to Reflect Market Redesign and Technology Upgrade, 116 FERC ¶ 61,274 at P 266.

<sup>&</sup>lt;sup>7</sup> *Id.*, at P 268.

<sup>&</sup>lt;sup>8</sup> The allocation of Exceptional Dispatch costs is described in Section 11.5.6.2.5.1 of the ISO MRTU Tariff. The Commission has already determined that Exceptional Dispatch costs billed to PTOs are Reliability Services costs that can be recovered by the PTO in its Reliability Services Rates. *Id.* In its August 3, 2007 compliance filing, the CAISO modified Section 11.5.6.2.5.1 to state that such costs are Reliability Services Costs.

The Hon. Kimberly D. Bose, Secretary Federal Energy Regulatory Commission October 23, 2014 Page 5 of 6

revenue changes, as compared to current revenues for the 2015 Rate Effective Period, as described above.

#### **B.** Proposed Revised Tariff Sheets

SDG&E proposes revisions to the following tariff sections of its currently effective TO Tariff:

Appendix V - Reliability Services Revenue Requirement has been revised to reflect the 2015 RS Revenue Requirement.

Appendix VII - Summary of Reliability Services Retail Transmission Rates has been revised to reflect the 2015 Service Year rates and the addition of the Agricultural class to SDG&E's End-Use Customer classes.

Appendix VII - Wholesale RS Rate has been revised to reflect the 2015 rate.

#### IV. REQUEST FOR ADDITIONAL WAIVER, SERVICE AND OTHER FILING REQUIREMENTS

SDG&E believes that the information contained in this RS Filing provides a sufficient basis for the Commission to accept it and conforms to general rules of applicability and to Commission orders specifically applicable to SDG&E. SDG&E requests, however, that the Commission grant any and all waivers necessary to permit the proposed rates in this RS Filing to become effective on January 1, 2015.

In addition to any general waivers the Commission deems necessary and appropriate, SDG&E also requests an express one-time, limited waiver of Section 4 of Appendix VI of SDG&E's TO Tariff to permit SDG&E to make this RS Filing in October instead of December and to use the recorded balance in the RSBA as of September 30 instead of as November 30.

Good cause exists to grant the requested waiver and no party will be harmed by grant thereof. This is so for several reasons. First, this October RS Filing meets the FPA's sixty-day notice requirement. Second, this RS Filing results in an 11 percent reduction in SDG&E's RS cost of service. Third, the revised RS rate design, which is revenue neutral, is required to comply with the CPUC's D.14-01-002. Finally, granting the requested waiver of Section 4 of Appendix VI of its TO Tariff will provide the Commission with sufficient time to approve the RS Filing and SDG&E with sufficient time to adjust its accounting and billing systems so that it can reflect the lower Revenue Requirement and rate design changes on customers' bills, commencing January 1, 2015.

Accordingly, in light of the foregoing, SDG&E respectfully requests that the Commission grant any necessary waivers to permit SDG&E to implement the revised Revenue Requirement, rates and rate design, as requested.

The Hon. Kimberly D. Bose, Secretary Federal Energy Regulatory Commission October 23, 2014 Page 6 of 6

#### V. SERVICE

In addition to having copies of this letter and all enclosures available for public inspection in SDG&E's principal office located in San Diego, California, SDG&E has served copies of this RS Filing to those persons on the official service lists in Docket No. ER13-941, including the CPUC, the CAISO, Pacific Gas and Electric Company, Southern California Edison Company and other PTOs that have transferred operational control over their Transmission Facilities and entitlements to the CAISO.

Respectfully submitted,

Trenth J. Ba

Georgetta J. Baker Attorney for San Diego Gas & Electric Company

GJB: jd

Enclosures

Attachment No. 1

# San Diego Gas & Electric Company

# BLACK LINE Appendix V, Appendix VII

# APPENDIX V

### **Reliability Services Revenue Requirement**

- The Reliability Services Revenue Requirement of \$4,837,000 is equal to the forecast of Reliability Services payments the Participating TO will make to the ISO during the twelve Month period following the Effective Date of the Rate Schedule, the balance in the RS balancing account from the preceding year, including an adjustment for franchise fees and uncollectible accounts expense.
- 2. The amount in (1) shall be effective until amended by the Participating TO in accordance with Appendix VI to this Tariff.

### **APPENDIX VII**

# Reliability Must-Run Charges for End Users<sup>1</sup>

### [SEE ATTACHED]

<sup>1</sup> These charges represent the rates for recovery of the RMR revenue requirement.

#### Summary of Reliability Services Retail Transmission Rates

Line No.	Customer Classes	(A) Transmission Level Energy Rates \$/kWh	(B) Transmission Level Demand Rates \$/kW-Mo	(C) Primary Level Demand Rates \$/kW-Mo	(D) Secondary Level Demand Rates \$/kW-Mo	Line No.
1	Residential	0.00025				1
2						2
3	Small Commercial	0.00027				3
4						4
5	Medium & Large Commercial/Industrial (1)	0.00005	0.06	0.06	0.07	5
6						6
7	Agricultural					7
8	Schedules PA and TOU-PA	0.00016				8
9	Schedule PA-T-1 (1)	0.00005	0.02	0.02	0.02	9
10						10
11	Street Lighting	0.00021				11
12						12
13	Standby Rate (2)		0.03	0.03	0.03	13

#### 2015 Service Year

- (1) Demand rate applied to customers monthly maximum demand.
- (2) Demand rate applied to standby customers contract demand.

Wholesale RS Rate

Wholesale RS rate

\$/kWh **0.00024** 

# San Diego Gas & Electric Company

# **RED LINE Appendix V, Appendix VII**

# APPENDIX V

### **Reliability Services Revenue Requirement**

- The Reliability Services Revenue Requirement of \$5,410,0004,837,000 is equal to the forecast of Reliability Services payments the Participating TO will make to the ISO during the twelve Month period following the Effective Date of the Rate Schedule, the balance in the RS balancing account from the preceding year, including an adjustment for franchise fees and uncollectible accounts expense.
- 2. The amount in (1) shall be effective until amended by the Participating TO in accordance with Appendix VI to this Tariff.

### **APPENDIX VII**

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### [SEE ATTACHED]

<sup>1</sup> These charges represent the rates for recovery of the RMR revenue requirement.

#### Summary of Reliability Services Retail Transmission Rates

		(A)	(B) Transmission Level Demand	(C) Primary Level Demand	(D) Secondary Level Demand	
		Transmission	Rates \$/kW-Mo	Rates \$/kW-Mo	Rates \$/kW-Mo	
Line	Questa an Ola se a	Level Energy Rates \$/kWh				Line
No.	Customer Classes	Rales p/KVVII				No.
		0.0002 <mark>59</mark>				
1	Residential	0.0002 <u>0</u> 8				1
2						2
2						2
3	Small Commercial	0.0002 <mark>79</mark>				3
4						4
	Medium & Large					
5	Commercial/Industrial (1)	0.000 <mark>05</mark> 13	0.0 <mark>65</mark>	0.0 <mark>65</mark>	0.0 <mark>75</mark>	5
6						6
7	Agricultural					7
8	Schedules PA and TOU-PA	<u>0.00016</u>				8
9	Schedule PA-T-1 (1)	<u>0.00005</u>	0.02	0.02	0.02	9
						-
<u>10</u>						<u>10</u>
<u>11</u> 7	Street Lighting	0.0002 <u>1</u> 5				<u>11</u> 7
<u>12</u> 8						<u>12</u> 8
<u>13</u> 9	Standby Rate (2)		0.0 <mark>3</mark> 2	0.0 <mark>3</mark> 2	0.0 <mark>32</mark>	<u>13</u> 9

#### 201<u>5</u>3 Service Year

- (1) Demand rate applied to customers monthly maximum demand.
- (2) Demand rate applied to standby customers contract demand.

Wholesale RS Rate

Wholesale RS rate

\$/kWh **0.0002<u>4</u>7**-

# San Diego Gas & Electric Company

# Exhibit No. SDG-1

# **Prepared Direct Testimony of**

# **Christian A. Soderlund**

Docket No. ER15-\_\_\_-000 Exhibit No. SDG-1

# **UNITED STATES OF AMERICA BEFORE THE** FEDERAL ENERGY REGULATORY COMMISSION

San Diego Gas & Electric Company) Docket No. ER15-\_\_-000

# PREPARED DIRECT TESTIMONY OF

# **CHRISTIAN A. SODERLUND**

### **ON BEHALF OF**

# SAN DIEGO GAS & ELECTRIC COMPANY

October 23, 2014

		Docket No. ER15000 Exhibit No. SDG-1 Page 1 of 10				
1	UNITED STATES OF AMERICA					
2		<b>BEFORE THE</b>				
3		FEDERAL ENERGY REGULATORY COMMISSION				
4						
5	San D	iego Gas & Electric Company ) Docket No. ER15000				
6						
7		PREPARED DIRECT TESTIMONY OF				
8		CHRISTIAN A. SODERLUND				
9		ON BEHALF OF				
10		SAN DIEGO GAS & ELECTRIC COMPANY				
11	I.	INTRODUCTION				
12	Q1:	Please state your name and business address for the record.				
13	A1:	My name is Christian A. Soderlund, and my business address is 9060 Friars Road, San				
14		Diego, CA 92108.				
15	Q2:	Briefly describe your present responsibilities at San Diego Gas & Electric Company				
16		("SDG&E" or "Company").				
17	A2:	I am a Senior Energy Administrator in the Grid Contract Services Section within the				
18		Electric Grid Operations Department.				
19	Q3:	Briefly describe your educational and professional background.				
20	A3:	I have a Bachelor of Science Degree in Mechanical Engineering, from Iowa State				
21		University, and a Masters in Business Administration from the University of San Diego.				
22		In addition, I am a Registered Professional Engineer in the state of California. I have				
23		been employed at SDG&E since June of 1978. During that time, I have held positions in				
24		Electric & Fuel Procurement, Gas System Planning, and a variety of other positions				
25		before my current assignment since November of 2004 to administer grid contracts.				
26	Q4:	Have you previously testified before the Federal Energy Regulatory Commission				
27		("FERC" or "Commission")?				
28	A4:	Yes. I previously submitted direct testimony before the Federal Energy Regulatory				
29		Commission in Docket Nos. ER09-451-000, ER10-474-000, ER11-2445-000, ER12-634-				
30		000, ER13-598-000, and ER14-683-000.				

### 1 **II. PURPOSE**

### 2 Q5: What is the purpose of your testimony?

3 A5: The purpose of my testimony is to provide a forecast of the charges SDG&E expects to 4 incur in the year 2015 for Reliability Services ("RS") from the California Independent 5 System Operator) Corporation ("CAISO") pursuant to the CAISO Tariff. Additionally, 6 I describe how the RS costs are affected by Resource Adequacy ("RA") requirements, 7 mandated by the California Public Utilities Commission ("CPUC") to ensure that each 8 public utility procures adequate resources to meet their peak demands and planning and 9 operation reserves, and the CAISO's Market Redesign and Technology Update 10 ("MRTU"), implemented on April 1, 2009.

# 11 Q6: Please summarize SDG&E's 2015 RS Forecast.

- A6: As shown in Exhibit SDG-1-1, SDG&E's 2015 RS forecast is equal to \$3,979 thousand,
  consisting of \$3,415 thousand for Reliability Must Run ("RMR") and \$564 thousand for
  Exceptional Dispatch.
- 15 III. COMPONENTS OF RS COSTS

# 16 Q7: What are the primary components that make up the RS costs charged to SDG&E by 17 the CAISO?

- 18 A7: There are two primary cost components of SDG&E's RS charges:
- 19 1) RMR;

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- 2) Exceptional Dispatch
- 21 Q8: Did MRTU eliminate any types of costs historically embedded in RS charges?

A8: Yes, MRTU eliminated Out of Market ("OOM") Costs and Must Offer-related Minimum
 Load Costs. Accordingly, these types of costs are no longer included in RS charges.

### 24 Q9: How does the CAISO quantify and allocate RS RMR costs?

A9: Annually, the CAISO conducts Local Capacity Requirement ("LCR") studies to identify
generating units whose availability and operation is required to ensure the local reliability
of the grid. The CAISO contracts with generation owners or operators of these
generating units, which are designated as RMR units, to ensure that the CAISO can
dispatch the units to meet minimum requirements for local grid reliability. In addition,
the CAISO Tariff Section 41.7 states that RMR units can provide reliability benefits in

contiguous Participating Transmission Owner ("PTO") Service Territories, and in that case, each PTO would have a share of those RMR costs. Needed units that have a RA contract (see RA discussion below) will not be contracted under RMR if the RA contract provides equivalent reliability services. The costs of the RMR units located within SDG&E's service territory or non-service area RMR units in the case that the CAISO has determined a RS benefit to SDG&E are billed to SDG&E by the CAISO. The 2015 RMR cost forecast is found in Exhibit SDG-1-1 Line 4.

# 8 Q10: How does SDG&E currently recover the RS costs and ensure that customers pay no 9 more or no less than actual costs?

10 A10: Pursuant to SDG&E's Transmission Owner Tariff, SDG&E records all RS costs and 11 revenues in its Reliability Service Balancing Account ("RSBA"). The RSBA tracks the 12 cumulative differences between revenues billed by SDG&E for Reliability Services and 13 SDG&E's costs from the CAISO for such services. The difference between the revenues 14 collected from customers and costs incurred result in an over or under-collection. This 15 under or over-collection will be included in the next RS filing, thus ensuring that 16 customers pay no more or no less than SDG&E's actual RS costs. For example, if 17 SDG&E forecasts 2015 RS Costs of \$100 and is charged \$110 by the CAISO, it would 18 create an under-collection in the RSBA of \$10. The \$10 under-collection will be 19 collected in the subsequent RS filing.

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### IV. RA AND MRTU IMPACTS ON RS COSTS

#### 21 Q11: Do RA and RMR both address local transmission reliability issues?

22 All: Yes. RA requirements address both local and total system capacity source requirements. 23 The LCR portion of RA overlaps with much of the RMR requirements related to 24 maintaining local transmission reliability. Both LCR and RMR provide the CAISO with 25 local capacity to maintain transmission reliability. The LCR was designed to supply at 26 least as much local capacity as do RMR contracts. Thus, LCR has the potential to 27 eliminate all RMR contracts. However, RMR contracts may still be needed, if RA 28 contracts don't provide adequate quick start, load following, or other features needed to 29 assure local transmission reliability. Finally, the CAISO can rely on the dispatch of

either a RA unit or of a RMR unit to provide the real-time energy needed to maintain reliability.

### 3 Q12: How has RA affected reliability costs?

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4 A12: RA has moved most of the capacity-related reliability costs from the RS tariff to the Load 5 Serving Entities ("LSE") directly contracting for the units. Energy-related reliability 6 costs, however, will remain in RS. More particularly, RA requirements, which the CPUC 7 establishes for each LSE subject to its jurisdiction, have caused LSEs to enter into new 8 RA contracts with owners of units that previously had operated under a RMR contract. 9 Over time, the RA contracts have resulted in units that were previously RMR Condition 2 10 (with full cost recovery) to switch to Condition 1 (with partial cost recovery) or to be no 11 longer be under the RMR Contract. Furthermore, the CAISO forgoes placing other units 12 under a RMR contract since some RA contracts supply similar levels of reliability 13 services to the local transmission system. The RA contract capacity payments to the 14 generation owner by the LSE will flow through bundled retail rates rather than through 15 the RS rates. These effects have reduced the capacity payment portion of the RMR 16 contracts currently in the RS rates. Since only two units are forecast to be under a RMR 17 Contract in 2015, variable energy costs for RMR units have also significantly decreased 18 over time. The former RMR energy costs for units now under RA stay in the RS rate 19 under the Exceptional Dispatch category.

20 Q13: What is the principle effect of the MRTU on RS costs?

A13: Primarily, MRTU uses a Full Network Model to ensure only feasible schedules are
 accepted. This minimizes real-time congestion and the resulting reliability related costs.

23 Q14: How has MRTU Exceptional Dispatch Authority affected RS Costs?

24 A14: Under MRTU, reliability requirements that cannot be resolved through the CAISO 25 market software will be met by manually issued Exceptional Dispatches. Initially, the 26 CAISO expected that the frequency and duration of Exceptional Dispatches would be 27 very limited under MRTU. During the initial months under MRTU, however, this was 28 not the case. Although the CAISO has taken steps to reduce the need for exercising 29 Exceptional Dispatch, the potential cost of Exceptional Dispatch could be significant if 30 these measures are not successful. The estimate for these Exceptional Dispatch costs for 31 2015 is found in Exhibit SDG-1-1 Line 8.

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# V. RELIABILITY SERVICES RATE SCHEDULE COST FORECAST

### 2 Q15: How have RS costs changed for 2015?

3 A15: The CAISO released Dynegy South Bay 1, 2, and the Combustion Turbine, the last 4 remaining local units, from RMR, but certain costs resulting from ER10-166-000, the 5 Settlement for Dynegy South Bay, were forecast to occur in 2014. For 2015, no Dynegy 6 South Bay Termination Fee RMR costs are forecast to occur, as described in the 7 Response in A18. In addition, as described more fully in the Response in A19, SDG&E is 8 also forecasting its share of RMR costs in 2015 related to the conversion of AES 9 Huntington Beach Generating Station Units 3 and 4 ("HB 3 and 4") to RMR voltage 10 support service. In 2015, total fixed RS costs are forecast to slightly decrease due to the 11 terms of the RMR Contract for the HB 3 and 4 conversion, as found in ER13-1630-000 12 and ER13-1630-001. For RS variable energy costs, SDG&E forecasts a slight increase 13 due to a higher Exceptional Dispatch even though the forecast for the variable RMR costs 14 related to the HB 3 and 4 RMR service is lower. For the 2015 RMR forecast, SDG-1-2 15 has Line 1 for HB 3 and 4. SDG-1-2 Line 3 is the 2015 Exceptional Dispatch forecast. 16 Please describe the method used to include variable RMR costs. Q16: 17 A16: SDG&E's variable RMR cost forecast is based on the simple monthly average for HB 3 18 and 4 Motor Charge, a variable RMR cost, for the service months of July, August and 19 September 2013, since SDG&E does not yet have September 2014 Adjusted Final 20 Invoice data. The average is based on this HB 3 and 4 RMR invoice data and then 21 adjusted to SDG&E's 20 percent share of HB 3 and 4 costs. The June 2013 invoice data 22 was not included in the average due to the fact that the HB 3 and 4 did not begin 23 providing RMR service until the end of June 2013. 24 Q17: What factors drive RS fixed and variable costs? 25 A17: RMR fixed costs are driven by four main factors: 26 (1)The total capacity costs of all the RMR units;

- (2) The RMR unit owner's election of Condition 1 or Condition 2;
  - (3) The RMR unit's actual performance for the year (including any penalties); and
- 29 (4) Capital additions like pollution control equipment (major projects must be approved by CAISO).
  - RMR variable costs are driven by three factors:

		Page 6 of 10
1		(1) Local reliability management;
2		(2) Congestion management on non-competitive paths; and
3		(3) RMR Condition 2 Units following Exceptional Dispatch instructions
4		These categories correspond to the three reasons RMR units can be dispatched.
5		RA units, when dispatched for reliability, are done under the CAISO's Exceptional
6		Dispatch Authority.
7	Q18:	Are there forecast Termination Fees due Dynegy related to the release of South Bay
8		Unit 3 and 4 at the end of 2009, and the release of the remaining units at the end of
9		2010?
10	A18:	There are no forecast Termination Fees due Dynegy related to the release of South Bay
11		Unit 3 and 4. By way of background, with the release of Dynegy South Bay Unit 3 and 4
12		at the end of 2009, and the remaining units at the end of 2010, Dynegy submitted two
13		Termination Fees pursuant to Section 2.5 of the RMR Agreement. A Termination Fee for
14		South Bay 3 was submitted in May 2010 and for South Bay 2 in December 2010. Both
15		of these Termination Fees relate to pollution control equipment capital additions,
16		approved in 2001 but not fully recovered under the RMR Agreement.
17	Q19:	Please explain why SDG&E is including RMR costs in 2015 related to the
18		conversion of HB 3 and 4 to RMR service.
19	A19:	As a result of the unexpected long-term outage, and eventual shutdown, of San Onofre
20		Nuclear Generating Station Units 2 and 3, the CAISO Board of Governors, in September
21		2012, authorized CAISO Management to designate HB 3 and 4 for RMR service as
22		necessary to provide voltage support in the Los Angeles Basin and San Diego/Imperial
23		Valley local areas by the conversion of HB 3 and 4 to synchronous condensers. Based on
24		extensive negotiations between AESHB, CAISO, Southern California Edison, SDG&E,
25		along with other interested Parties, agreement was reached. On November 9, 2012, HB 3
26		and 4 and the CAISO jointly filed a Reliability Must-Run Service Agreement with the
27		Commission in ER13-351-000. On June 3, 2013, HB 3 and 4 and the CAISO jointly
28		filed revisions in Reliability Must-Run Service Agreement with the Commission in
29		ER13-351-000 for HB 3 and 4, to reflect modest changes resulting from the actual
30		additional costs incurred due to a 25 day delay in the Commercial Operations Date for the
31		units from June 1, 2013, to June 26, 2013. On July 25, 2013, the Commission accepted
		6

1		the revisions in ER13-1630-000 and ER13-1630-001. On September 11, 2014, CAISO
2		Management recommended to the CAISO Board of Governors that the RMR Contract for
3		HB 3 and 4 be extended for 2015. In the CAISO Board of Governors Meeting on
4		September 18 and 19, 2014, the Board of Governors authorized CAISO Management to
5		extend the HB 3 and 4 RMR Contract. As a result, SDG&E is also including its 20%
6		share of HB 3 and 4 RMR costs in 2015 Forecasted Costs in Exhibit SDG-1-1 on Line 4.
7	Q20:	Could other RMR costs not being forecast for 2015 occur in 2015?
8	A20:	Yes. The RMR Agreement, in section 2.4 - Effect of Expiration or Termination, states:
9		"Expiration or termination of this Agreement shall not affect the accrued rights and
10		obligations of either Party, including either Party's obligations to make all payments to
11		the other Party pursuant to this Agreement or post-termination audit rights under Section
12		12.2." Later, in Section 9.1 (b) states that the "Owner will submit to CAISO RMR
13		Invoices for each Month during the term of this Agreement, which are defined in this
14		Section 9.1(b) as follows: (i) Estimated RMR Invoice; (ii) Revised Estimated RMR
15		Invoice; (iii) Adjusted RMR Invoice; and (iv) Revised Adjusted RMR Invoice." Either
16		or both of these sections could result in RMR invoices being submitted to the CAISO
17		well beyond the service month in which they occurred. If these RMR costs occur, they
18		will be charged to the RSBA.
19	Q21:	Please explain Exceptional Dispatch.
20	A21:	The Exceptional Dispatch portion of RS energy costs is driven by three main factors:
21		1) Responding to or preventing a CAISO System Emergency, or a situation that
22		threatens System Reliability;
23		2) Responding to a CAISO "Other Exceptional Dispatch" situation, such as
24		providing Voltage Support, or responding, preventing, or minimizing a Market
25		Disruption;
26		3) Responding to a Transmission-Related Modeling Limitation due to, <i>e.g.</i> ,
27		transmission maintenance, lack of voltage support, system conditions, including
28		threatened or imminent reliability conditions for which the CAISO's Market or
29		System modeling is too slow or incapable of resolving.
30	Q22:	How is Exceptional Dispatch priced?
	1	

1 A22: Resources that are exceptionally dispatched are paid at either the Resource-Specific 2 Settlement Interval LMP, their Energy Bid cost, the Default Energy Bid cost, or the 3 Energy Bid cost at a negotiated price, consistent with Section 11 of the CAISO Tariff. 4 Q23: What are the challenges in forecasting Exceptional Dispatches for RS costs? 5 A23: At a local level, the Exceptional Dispatch portion of RS costs is affected by four main 6 factors: 7 SDG&E total load level; 1) 8 2) RMR and RA unit start times and cycling restrictions; 9 3) Import limitations; and 10 Planned and forced transmission reconfigurations. 4) 11 The first two local level items can be reasonably modeled, but the last two are difficult to 12 predict. So only a rough forecast can be made for reliability related RS energy. 13 In sum, Exceptional Dispatch is typically driven by either unforeseen or 14 unplanned events or market participant schedules that SDG&E does not and cannot have 15 access to because the CAISO treats this data as confidential. Since the energy price data 16 and the units that could be exceptionally dispatched are not known ahead of time, the 17 2015 forecast is based on Exceptional Dispatch costs recorded in 2014. Any differential 18 between the forecasted and actual amount of Exceptional Dispatch costs for the 2015 19 period will be reflected in the RSBA. The estimate for these Exceptional Dispatch costs 20 for 2015 is found in Exhibit SDG-1-1, Line 8. 21 **Q24:** What other factors make forecasting the variable energy component of RS costs 22 difficult for 2015? 23 A24: As explained previously, it is a challenge to forecast RS energy. Moreover, an additional 24 assumption, *i.e.*, the net contractual cost per MWh, is needed to turn the forecasted 25 energy into an RS cost. For Exceptionally Dispatched units, this net cost per MWh 26 described in A22 is based on market participant schedules that SDG&E does not and 27 cannot have access to because the CAISO treats this data as confidential. 28 Q25: Could other Exceptional Dispatch costs not forecast for 2015 occur in 2015? 29 A25: Yes. In the current CAISO Tariff, section 11.29.7, it states that the CAISO will publish: 30 (i) Initial Settlement Statements T+3B on the third (3) Business Day from the relevant 31 Trading Day (T+3B), (ii) Recalculation Settlement Statements T+12B on the twelfth (12)

1		Business Day from the relevant Trading Day (T+12B), (iii) Recalculation Settlement
2		Statements T+55B on the fifty-fifth (55) Business Day from the relevant Trading Day
3		(T+55B), (iv) Recalculation Settlement Statements T+9M on the one-hundred and ninety-
4		fourth (194) Business Day after the Trading Day, which is approximately nine (9) months
5		after the Trading Day (T+9M) if necessary, (v) Recalculation Settlement Statements
6		T+18M on the three hundred and eighty third (383) Business Day after the Trading Day,
7		which is approximately eighteen (18) calendar months from the relevant Trading Day
8		(T+18M) if necessary, (vi) Recalculation Settlement Statements T+35M on the seven
9		hundred and thirty-seventh (737) Business Day after the Trading Day, which is
10		approximately thirty-five (35) calendar months from the relevant Trading Day (T+35M)
11		if necessary, (vii) Recalculation Settlement Statements T+36M on the seven hundred and
12		fifty-ninth (759) Business Day after the Trading Day, which is approximately thirty-six
13		(36) calendar months from the relevant Trading Day (T+36M) if necessary, and (viii) any
14		Unscheduled Recalculation Settlement Statement issued pursuant to CAISO Tariff
15		Section 11.29.7.3. To the extent the CAISO produces any additional RS costs according
16		to the settlement cycle above, these RS costs will be charged to the RSBA.
17	Q26:	Could other RS costs occurring prior to the Go Live date of MRTU, April 1, 2009 be
18		invoiced in 2015?
19	A26:	Yes. Although not anticipated, in the event the CAISO determines or is required to rerun
20		a period that occurred prior to the April 1, 2009, which could involve RS charges, the
21		CAISO's Business Practice Manual for Settlements and Billing, 3.3.2-Historic Rerun
22		Pass Through Bills, provides a process for billing these Historic Rerun charges in 2015.
23		To the extent these RS costs occur, they will be charged to the RSBA.
24	Q27:	Were RS costs occurring prior to the Go Live date of MRTU, April 1, 2009 recorded
25		in 2014?
26	A27:	Yes. As a result of ER04-835-008, a Docket related to CAISO Amendment 60, the
27		CAISO resettled the trade dates of July 17, 2004 through March 31, 2009. Due to the
28		resettlement, a credit amount, as opposed to an expense, of approximately \$365 thousand
29		was recorded in June of 2014 into the RSBA for two retired Reliability Service charge
30		codes via the CAISO process described in the Response in A26.
31	Q28:	What is the expected fixed component of RS costs for 2015?

1 A28: The fixed component of RS costs for 2015 is found in Exhibit SDG-1-1 Line 11.

## 2 Q29: What is the expected variable component of RS costs for 2015?

3 A29: The variable component of RS costs for 2015 is found in Exhibit SDG-1-1 Line 12.

### 4 **Q30:** What are the expected total **RS** costs for 2015?

- A30: The expected total RS costs for 2015 are found in Statement BK (Cost of Service), as
  sponsored by SDG&E witness, William Saxe (Exhibit SDG-2). Statement BK includes
  the under-collected RS balance as of September 30, 2014, as found in Exhibit SDG-1-1,
- 8 Line 15, and the total 2015 RS Forecast, as found in Exhibit SDG-1-1, Line 13.
- 9 Q31: Does this conclude your testimony?
- 10 A31: Yes, it does.

#### VERIFICATION

State of California

Christian A. Soderlund, being duly sworn, on oath, says that he is the Christian A. Soderlund identified in the foregoing prepared direct testimony; that he prepared or caused to be prepared such testimony on behalf of San Diego Gas & Electric Company; that the answers appearing therein are true to the best of his knowledge and belief; and that if asked the questions appearing therein, his answer would, under oath, be the same.

Christian A. Soderlund

State of California ) County of San Diego )

Subscribed and sworn to (or affirmed) before me on this  $22^{nd}$  day of October, 2014, by

Christian A. Soderlund, proved to me on the basis of satisfactory evidence to be the

person who appeared before me.

Signature of Notary Public



(Seal of Notary)

# San Diego Gas & Electric Company

# Exhibit No. SDG-2

# **Prepared Direct Testimony of**

# William Saxe

Docket No. ER15-\_\_\_-000 Exhibit No. SDG-2

# **UNITED STATES OF AMERICA BEFORE THE** FEDERAL ENERGY REGULATORY COMMISSION

San Diego Gas & Electric Company) Docket No. ER15-\_\_-000

## PREPARED DIRECT TESTIMONY OF

# WILLIAM G. SAXE

### **ON BEHALF OF**

# SAN DIEGO GAS & ELECTRIC COMPANY

October 23, 2014

1		PREPARED DIRECT TESTIMONY OF
		WILLIAM G. SAXE
2		ON BEHALF OF
3		SAN DIEGO GAS & ELECTRIC COMPANY
4		
5	Q1.	Please state your name, position and place of employment.
6	A1.	My name is William G. Saxe, and I am a Project Manager III in the Customer Pricing
7		department for San Diego Gas & Electric Company ("SDG&E"). My business address is
8		8330 Century Park Court, San Diego, CA 92123-1530.
9	Q2.	Please summarize your education.
10	A2.	I received a Bachelor of Science degree in Economics from the University of Wisconsin-
11		Madison in 1985. I received a Master of Business Administration degree, with a
12		concentration in Finance, from the University of Wisconsin-Madison in 1990.
13	Q3.	Please describe your current responsibilities as well as prior experience before
14		coming to SDG&E.
15	A3.	My primary responsibilities include the development of cost-of-service studies,
16		determination of revenue allocation and electric rate design methods, analysis of
17		ratemaking theories, and preparation of various regulatory filings. I have worked for
18		SDG&E since February 2001. Prior to joining SDG&E, I was employed by Sempra
19		Energy, the parent company of SDG&E, from April 1999 through January 2001. In
20		addition, I was employed by the Illinois Commerce Commission ("ICC") from
21		September 1990 through April 1999.
22		I have previously submitted testimony before the Federal Energy Regulatory
23		Commission ("FERC"). In addition, I have previously submitted testimony before the
24		California Public Utilities Commission ("CPUC") and ICC.
25	I.	ORGANIZATION OF TESTIMONY
26	Q4.	How is your testimony organized?
27	A4.	My testimony is organized into the following sections:
28		I. Organization of Testimony;
29		II. Introduction and Purpose of Testimony;
30		III. Development of SDG&E's Reliability Services ("RS") Rates;
		1

1		IV.	Revisions to Appendix VII; and
2		V.	Summary
3	II.	INTF	RODUCTION AND PURPOSE OF TESTIMONY
4	Q5.	What	t is the purpose of your testimony?
5	A5.	The p	purpose of my testimony is to present 2015 RS retail and wholesale rates proposed
6		for SI	DG&E customers. In addition, my testimony proposes one change to SDG&E's
7		End-U	Use-Customer retail rate design used to develop RS rates. Finally, my testimony
8		prese	nts proposed conforming revisions to SDG&E FERC Electric Tariff, Volume 11,
9		Appe	ndix VII ("Appendix VII"). Specifically my testimony proposes the following:
10		1)	Describes the development of SDG&E's RS retail and wholesale rates based on
11			the costs addressed in the prepared direct testimony of SDG&E witness Christian
12			A. Soderlund, Exhibit No. SDG-1;
13		2)	Proposes to add a new Agricultural class consisting of Schedules PA, TOU-PA
14			and PA-T-1, which is consistent with the CPUC rate design implemented pursuant
15			to Decision ("D.") 14-01-002 and FERC rate design proposed for SDG&E End-
16			Use-Customer Transmission Service rates in Docket No. ER14-2748-000; and
17		3)	Proposes conforming revisions to Appendix VII.
18	III.	DEV	ELOPMENT OF SDG&E'S RELIABILITY SERVICES ("RS") RATES
19		А.	RS Cost Components Used to Develop SDG&E's RS Cost of Service
20	Q6.	Pleas	e describe how the RS cost components are used to develop RS revenue
21		requi	rement components in the instant filing.
22	A6.	State	ment BK (Derivation of Reliability Cost of Service), page 1, shown in Exhibit No.
23		SDG-	-3, derives SDG&E's total RS cost of service. Lines 1 and 3 show the demand and
24		energ	y cost components, respectively, brought forward from Statement AH (Operation
25		and M	Anintenance Expenses), as shown in Exhibit No. SDG-3. Lines 8 and 9 show the
26		dema	nd and energy cost components, respectively, of the RS Balancing Account, which
27		were	brought forward from Statement AG (Specified Deferred Debits). The balancing
28		accou	int reflects the RS revenue and RS expense activity for the period 12-months ended
29		Septe	mber 2014. Lines 14 and 16 reflect SDG&E's applicable city franchise fee and
30		uncol	lectible rates, respectively, that need to be added to the RS costs. Line 18 shows the
31		total l	RS cost of service.

Statement BK, page 2, separates the RS cost of service into demand and energy cost components that are used for customer class allocation and rate design purposes.

### B. Allocation of RS Costs to SDG&E's Single Wholesale Customer

Q7. Please explain how you allocated the RS costs to SDG&E's single wholesale customer.

A7. Consistent with Letter Order issued February 22, 2014, in Docket No. ER 14-683 ("Order"), SDG&E allocated RS costs to its sole wholesale customer on the basis of energy. SDG&E used this method to remain consistent with how this customer class is charged for High Voltage and Low Voltage Transmission service under the California Independent System Operator's ("CAISO") Tariff. Under the CAISO tariff, wholesale customers are allocated and assigned fixed transmission costs using an energy allocation methodology.

Q8. Please explain the process SDG&E used to allocate RS costs to SDG&E's single
 wholesale customer and the RS rate derivation applicable to this customer.

15 A8. On Statement BL (Rate Design Information), page 2, shown in Exhibit No. SDG-3, I first 16 calculated an average per kWh rate by dividing total RS revenue requirements from 17 Statement BK, demand plus energy costs, by the total energy sales for all of SDG&E's customers. I then multiplied this energy rate by SDG&E's single wholesale customer's 18 19 annual energy sales to derive the amount of RS revenues allocated or applicable to the 20 wholesale customer. Once I derived the RS revenues applicable to the wholesale 21 customer, I subtracted this amount from the total RS revenues to derive revenues 22 applicable to retail End-Use-Customers. This calculation is shown on Statement BL, 23 page 2, at the bottom of the page. Once I subtracted the wholesale revenue from the total 24 cost of service, I then separate the total RS cost of service in proportion to the total RS 25 demand and energy costs, as shown at the bottom of page 2. I then carried forward total 26 demand and energy to Statement BL, pages 3 and 4, and allocated the total to each 27 customer class.

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## Allocation of RS Costs to SDG&E's Retail Customer Classes

### Q9. How is SDG&E proposing to allocate its RS costs to its retail customer classes?

A9. SDG&E is proposing to allocate its RS costs consistent with the *Order*. Specifically, SDG&E has allocated its fixed or demand related RS costs to retail customers using a 12

coincident peak methodology ("12-CP") as shown in Exhibit SDG-3, Statement BB (Allocation Demand & Capability Data). Statement BB, shows a 5-year historical average for each customer class.

This data is for the 5-year period ended December 31, 2011, using SDG&E's most current available information. The 5-year average is used to smooth out annual customer class contributions to system peak data to provide customer class stability. As additional yearly data is available, SDG&E will add the most current year of data and drop the oldest data to maintain a running 5-year average. Once the 5-year average is developed, the 12-CP data, shown in Statement BB, is adjusted by adding the distribution losses for each customer class to reflect the data as if it were measured at the transmission level. Allocation of fixed costs using all data at the transmission level will ensure customer classes are allocated demand costs on a consistent and equitable basis.

**Q10.** How did you allocate RS energy costs?

A10. Consistent with the *Order*, SDG&E allocated RS energy costs using a customer class
energy allocation factor as shown in Exhibit No. SDG-3, Statement BD (Allocation
Energy and Supporting Data), page 2.

# Q11. What cost statements show the results of allocating demand and energy costs to each customer class?

A11. Statement BL, page 3, shows the amount of demand costs allocated to each customer
class using the 12-CP demand allocation factor. Statement BL, page 4, shows the amount
of energy costs allocated to each customer class using the energy allocation factor. The
sum of the demand and energy costs allocated to each customer class is summarized on
Statement BL, page 5, Column C. This total represents the total cost of service
requirements for each customer class.

D. RS Rate Design Change

- **Q12.** Is SDG&E proposing any rate design changes in this proceeding?
- A12. Yes. SDG&E is proposing to change the rate design methodology for RS in this
  proceeding to reflect a new Agricultural class.

# Q13. Please explain the background and reason for SDG&E's proposal to create a new Agricultural class consisting of Schedules PA, TOU-PA and PA-T-1.

1 A13. Pursuant to D.14-01-002, SDG&E implemented CPUC jurisdictional rates on May 1, 2 2014 that reflect an Agricultural class consisting of Schedules PA, TOU-PA and PA-T-1.<sup>1</sup> Currently, FERC adopted rates are based on Schedules PA and TOU-PA being 3 4 included in the Small Commercial class and Schedule PA-T-1 included in the Medium & 5 Large Commercial/Industrial class. Because the applicability for Schedules PA, TOU-6 PA and PA-T-1 are for Agricultural customers, specifically customers in the production 7 of animal products and/or for general service to pump water, SDG&E recommends that 8 FERC adopt SDG&E's proposal to create a separate Agricultural class for FERC rate 9 design purposes, consistent with the Agricultural class definition set forth in SDG&E's 10 CPUC tariffs. For this reason, SDG&E proposed adding the new Agricultural class in the 11 development of End-Use-Customer Transmission Services rates in ER14-2748-000, filed 12 on August 29, 2014. In this testimony I'm proposing to also add the new Agricultural 13 class in the development of End-Use-Customer RS rates. 14 014. Please describe the rate classes that are affected by SDG&E's proposal to create a 15 new Agricultural class. 16 As stated above, the Agricultural class will consist of Schedules PA, TOU-PA and A14. 17 PA-T-1. Schedules PA and TOU-PA are currently included in the Small Commercial 18 class while Schedule PA-T-1 is currently included in the Medium & Large 19 Commercial/Industrial class. For this reason, this rate design change impacts the Small 20 Commercial, Medium & Large Commercial/Industrial, and Agricultural classes. 21 E. **RS Retail Customer Class Rate Design and Customer Rate Increase Impacts** 22 015. How does SDG&E propose to design the rates related to RS revenue requirement 23 recovery? 24 A15. With the exception of adding the Agricultural class, as explained above, SDG&E is using 25 the same rate design that FERC approved in its last RS filing in Docket No. 26 ER14-683-000, which went into effect on January 1, 2014. The customer classes with 27 the designations of the CPUC are as follows: 28 <u>Residential Customers</u> – DR, DR-LI, DR-TOU, EV-TOU, EV-TOU-2, DR-SES, 29 DM, DS, DT, and DT-RV.

SDG&E Advice Letter 2595-E, approved by CPUC letter dated July 22, 2014.

		Page 6 of 7
1		• <u>Small Commercial Customers</u> – A, A-TC, A-TOU, and TOU-A.
2		• <u>Medium &amp; Large Commercial/Industrial Customers</u> – AD, AY-TOU, AL-TOU,
3		DG-R, A6-TOU, and OL-TOU.
4		• <u>Agricultural</u> – PA, TOU-PA, and PA-T-1. <sup>2</sup>
5		• <u>Street Lighting</u> – DWL, OL-1, OL-2, LS-1, LS-2, and LS-3.
6		• <u>Standby Service</u> – S
7		
8	Q16.	What are the proposed retail and wholesale RS rates, by rate class that SDG&E is
9		seeking approval in the instant filing?
10	A16.	The proposed retail and wholesale rates are shown in Exhibit No. SDG-3, Statement BL,
11		page 1.
12	Q17.	How did you develop the rates shown in Exhibit No. SDG-3, Statement BL?
13	A17.	On Statement BL, pages 7 through 13, I show the derivation of each rate. The first step
14		in the rate design process is to take the revenue requirement for each customer class, as
15		shown on page 5, Column C, and design the rates based on 2015 forecasted billing
16		determinants to collect this applicable revenue requirement. The rate design on pages 7
17		through 13 are explained in the explanatory notes that are shown in the reference column
18		of each page. After designing each rate, I rounded each rate to the appropriate significant
19		digit used by SDG&E for billing purposes. I then used the rounded rate to verify that it
20		proved out to recover the revenue requirement of the applicable customer class. The
21		revenue proof is shown on Column B of page 6 that shows the difference between
22		customer class revenue requirements and proof of revenues to ensure that SDG&E
23		collects its entire RS revenue requirement.
24	Q18.	In deriving the RS rates for the Medium & Large Commercial/Industrial class,
25		Schedule PA-T-1 of the new Agricultural class, and Standby class, did you recognize
26		the fact that these customer are served at different voltage levels?

<sup>2</sup> As addressed in this testimony, SDG&E is proposing to add the Agricultural class, which consists of Schedules PA, TOU-PA, and PA-T-1. In the previous RS filing in ER14-683-000, Schedule PA was included in the Small Commercial class and Schedule PA-T-1 was included in the Medium & Large Commercial/Industrial class. Schedule TOU-PA was implemented on May 1, 2014 after the filing in ER14-683-000.

1 A18. Yes I did. In recognition of the fact that customers in these rate classes are served at 2 secondary, primary, and transmission voltage levels, SDG&E derived three voltage-3 differentiated RS demand rates for these classes. Exhibit No. SDG-3, Statement BL, 4 pages 9, 11, and 13 show the derivation of these rates for the Medium & Large 5 Commercial/Industrial class, Schedule PA-T-1 of the Agricultural class, and Standby 6 class, respectively. 7 IV. **REVISIONS TO APPENDIX VII** 8 **Q19**. Are you proposing any revisions to SDG&E Appendix VII? 9 A19. Yes. I am sponsoring the following tariff sheet revisions to SDG&E Appendix VII. 10 Appendix VII – Revised RS rates by End-Use-Customer class applicable to 2015 • 11 service. Also, as proposed in this filing I added "Agricultural" to the list of End-12 Use Customer classes identified in the "Summary of Reliability Services Retail 13 Transmission Rates" table in Appendix VII. 14 Appendix VII – Revised 2014 Wholesale RS Rate applicable to SDG&E's lone • 15 wholesale customer. 16 **Q20.** Are you including complete Appendix VII at this time to incorporate these 17 revisions? 18 A20. Yes. Attachment No. 1 and No. 2 provide clean and redline versions of Appendix VII, 19 respectively, that reflect the revisions discussed above. V. 20 **SUMMARY** 21 **Q21**. What is your testimony recommending? 22 A21. My testimony recommends that FERC approve SDG&E's 2015 RS retail and wholesale 23 rates proposed for SDG&E customers. In addition, my testimony recommends that 24 FERC approve SDG&E's proposal to create an Agricultural class and move Schedules 25 PA and TOU-PA from the Small Commercial class and Schedule PA-T-1 from the 26 Medium & Large Commercial/Industrial class into this new Agricultural class. SDG&E 27 proposes that the addition of the new Agricultural class become effective as of January 1, 28 2015, concurrently with the effective date of SDG&E's 2015 RS retail and wholesale 29 rates. 30 **O22.** Does this conclude your testimony? 31 A22. Yes, it does.

#### VERIFICATION

State of California County of San Diego

) )

)

William G. Saxe, being duly sworn, on oath, says that he is the William G. Saxe identified in the foregoing prepared direct testimony; that he prepared or caused to be prepared such testimony on behalf of San Diego Gas & Electric Company; that the answers appearing therein are true to the best of his knowledge and belief; and that if asked the questions appearing therein, his answer would, under oath, be the same.

William G. Saxe

State of California ) County of San Diego )

Subscribed and sworn to (or affirmed) before me on this 22<sup>nd</sup> day of October, 2014, by

William G. Saxe, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

Signature of Notary Public



(Seal of Notary)

## **Exhibit No. SDG-3**

## Reliability Service Filing Cost Statements

Docket No. ER14- -

### Exhibit SDG-3 San Diego Gas & Electric Company 2014 Reliability Service – Cost Statements Table of Contents

#### A. Statement AG – Specified Deferred Debits

• Derivation of RS balancing account as of September 30, 2014.

#### **B.** Statement AH – Operation and Maintenance Expenses

• Estimated RS costs forecast for 2015.

#### C. Statement BB – Allocation Demand & Capability Data

• Supports 12CP allocation factor and allocation of demand related RS costs.

#### D. Statement BD – Allocation Energy and Supporting Data

• Supports the allocation of energy related RS costs

#### E. Statement BG – Revenue Data to Reflect Changed Rates

- Monthly retail revenues showing proposed versus current rates during the rate effective period of January through December 2015.
- Monthly retail revenues using proposed rates during the rate effective period of January through December 2015.

#### F. Statement BH – Revenue Data to Reflect Present Rates

• Monthly retail revenues using current rates during the rate effective period of January through December 2015.

#### G. Statement BK – Derivation of Reliability Cost of Service

• Derivation of RS revenue requirements

#### H. Statement BL – Rate Design Information

- Summary of proposed retail rates for Residential Customers, Small Commercial Customers, Medium-Large Commercial Customers, Streetlighting Customers, and Standby Customers.
- Allocation of demand related costs
- Allocation of energy related costs.
- Summary of demand and energy costs.
- Proof of revenues
- Individual customer class rate design for Residential Customers, Small Commercial Customers, Medium-Large Commercial Customer, Streetlighting Customers and Standby Customers.

# Statement – AG Specified Deferred Debits

Docket No. ER14-\_\_\_\_

Line No. ₽ 8 9 <u>1</u> 14 15 16 18 19 21 22 22 13 17 11 12 6 ŝ 4 Ś Docket No. ER14-683; Statement BL; Pg 5; Line 11; Column A Docket No.ER14-683; Statement BL; Pg 5; Line 11; Column B Line 15 + Line 16 September 30, 2014; RSBA Balance Cost as a % of Total RS Cost. Cost as a % of Total RS Cost. See Line 19 Below See Line 20 Below Line 19 + Line 20Line 15 / Line 17 Line 16 / Line 17 Line 1 x Line 3 Line 1 x Line 7 Line 5 + Line 9Reference 50.30% 50.30% 49.70% 2,721 2,689 49.70% 00.00% 403 398 5,410801 801 (\$1,000)Amounts Ś Ω Ω 6 ŝ ŝ NOTES 1 & 2: Derivation of Demand & Energy Allocation % Total RS Balancing Account as of September 30, 2014 Allocated Beginning Balance - Demand Costs Allocated Beginning Balance - Energy Costs Category Demand Costs Allocation Percentage<sup>1</sup> Energy Costs Allocation Percentage Demand Cost Allocation Percentage Energy Costs Allocation Percentage RS BALANCING ACCOUNT: Total Demand Cost Total RS Costs **Fotal Energy Cost** Total Line No. 11 15 16 17 18 19 20 21 10 12 13 14 Ś δ 22 2  $\mathfrak{c}$ 4 9 ∽ ∞

SAN DIEGO GAS AND ELECTRIC COMPANY **Specified Deferred Debits** 

Statement AG

Page 1 of 1

# Statement – AH Operation and Maintenance Expenses

Docket No. ER14-\_\_\_\_

Statement AH SAN DIEGO GAS AND ELECTRIC COMPANY For Rate Effective Period January thru December 31, 2015 Operating and Maintenance Expenses (\$1,000)	category Amounts Reference	Forecast Demand Costs 3,359 C. Soderlund Testimony; Exhibit SDG-1-2; Line 8	Forecast Energy Costs	Total         \$,979         Line 1 + Line 3	Page 1 of 1
	Line No.			4 v	

# Statement – BB Allocation Demand and Capability Data

Docket No. ER14-\_\_\_\_

Statement BB SAN DIEGO GAS AND ELECTRIC COMPANY Allocation Demand and Capability Data Base Period - December 31, 2011 (Information Based on Five-Year Average Recorded Data: 2007 - 2011)

Line No. 9 6 2 ŝ 4 ŝ 8 Statement BB, Page BB-2; Line 35 Statement BB, Page BB-2; Line 36 Statement BB, Page BB-2; Line 30 Statement BB, Page BB-2; Line 34 Statement BB, Page BB-2; Line 24 Statement BB, Page BB-2; Line 28 Statement BB, Page BB-2; Line 29 Statement BB, Page BB-2; Line 22 Statement BB, Page BB-2; Line 23 Statement BB, Page BB-2; Line 5 Statement BB, Page BB-2; Line 2 Statement BB, Page BB-2; Line 1 Sum Lines 1; 3; 9; 15; 17; 23 Sum Lines 12; 13; 14 Sum Lines 20; 21; 22 Sum Lines 6; 7; 8 Reference<sup>1</sup> 0.91% 40.89% 33.81% 8.15% 3.31% 0.81% 0.08% 0.00% 0.38% 0.10% 0.54% 1.55% 11.03% 45.26% 00.00% 0.89% Allocation Percentages @ Transmission 12-CP Level 39,749 364,329 324,914 33,969 152,386 622,159 Of 12-CPs; Kilowatts 358,883 16,446,789 4,438,719 13,598,586 3,276,685 1,330,750 218,081 40,224,957 8,206,021 5-Year Average @ Transmission  $(c) = (a) \times (b)$ Level 1.0108 1.0000 1.0108 1.0108 1.0358 1.0457 0457 1.0000 1.0457 1.0457 1.0457 1.0000 1.0457 1.0423 1.04059 Transmission 1.0091 Loss Factors Ð 360,436 310,714 33,606 @ Meter Level <sup>1</sup> 145,726 38,012 616,529 38,656,044 3,241,675 ,330,750 344,320 15,728,019 4,244,735 17,576,715 218,081 5-Year Average 13,004,290 Of 12-CPs Kilowatts **a** Medium & Large Commercial/Industrial Total Med. & Large Comm./Ind. Customer Class Total Agriculture Total Standby Small Commercial Transmission **Transmission** Transmission Street Lighting Secondary Secondary Secondary System Total Primary Agricultural Primary Primary Residential Standby Line о́Д 11 13 115 115 117 117 118 20 21 23 23 25 10 Ś 6 4  $\infty$ 

<u>Notes:</u>

SDG&E Load Research Data: 2007 - 2011.

Statement BB - RS 2015.xls - 12-CP Allocation Factors

#### SDG&E Load Research Data: 2007-2011 <sup>1</sup> Sum of 12 Coincident Peaks By Customer Class

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$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line		2007	2008	2009	2010	2011		Line No.
1       Residential       15,053,564       16,484,543       15,850,027       16,014,623       15,237,336       15,728,019       1         2       Small Commercial       4,392,015       4,612,774       4,2255,261       3,864,923       4,087,011       4,244,735       2         3       Med & Large Comm/Ind       18,600,614       18,872,148       18,02,472       17,758,963       17,652,022       18,193,214       3         4       Agricultural       333,210       360,726       333,959       296,153       377,551       344,320       4         5       Lighting       163,884       134,715       139,195       163,704       127,130       145,726       5         6       Total System       38,660,914       38,098,366       37,492,740       38,656,044       6         7       #       #       11,4%       11,4%       11,0%       10,1%       10.9%       11,0%       10         10       Small Commercial       11,4%       11,4%       11,0%       10,1%       10.9%       10,0%       100,0%       100,0%       100,0%       100,0%       100,0%       100,0%       100,0%       100,0%       100,0%       100,0%       100,0%       100,0%       100,0%       100,	110.	And a grant of the second s				58.895-X47.6898	Harat VOLUND	Contraction of the second of t	
2       Small Commercial       4,392,015       4,612,774       4,255,261       3,864,923       4,098,701       4,244,735       2         3       Med & Large Comm/Ind       18,600,614       18,872,148       18,082,472       17,758,963       17,652,022       18,193,244       3         4       Agricultural       353,210       360,726       333,959       296,153       37,7551       344,320       4         4       Lighting       163,848       134,715       139,195       163,704       127,130       145,726       5         6       Total System       38,563,287       40,464,906       38,660,914       38,098,366       37,492,740       38,656,044       6         7       #       Yo f Total System       8       8       8       8       8       8       10.0%       10.0%       10.0%       10.9%       11.0%       10.1%       10.9%       11.0%       10       18       14       77.65       17       42.5%       0.4%	1		15 053 564	16 484 543	15 850 027	16 014 623	15 237 336	15,728,019	1
2       Indir Comm/Ind       18,600,614       18,872,148       18,024,472       17,758,963       17,652,022       18,193,244       3         4       Agricultural       353,210       360,726       333,959       296,153       377,551       344,320       4         5       Lighting       163,884       134,715       139,195       163,704       127,130       145,726       5         6       Total System       38,563,287       40,464,906       38,660,914       38,998,366       37,492,740       38,656,044       6         7       #       #       #       #       8       #       8       #       66,091       38,956,024       10.0%       10.0%       10.0%       10.0%       10.0%       10.0%       10.0%       10.0%       10.0%       10.0%       10.0%       10.0%       10.0%       100.0%									
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5       Lighting       163.884       134.715       139.195       163.704       127.130       145.726       5         6       Total System       38,563,287       40,464,906       38,609,914       38,098,366       37,492,740       38,656,044       6         7       Residential       39.0%       40.7%       41.0%       42.0%       40.6%       40.7%       9         10       Small Commercial       11.4%       11.4%       11.0%       10.1%       10.9%       11.0%       10         11       Med & Large Comm/Ind       48.2%       46.6%       46.8%       46.6%       47.1%       47.1%       11         12       Agricultural       0.9%       0.9%       0.8%       1.0%       0.9%       12         13       Lighting       0.4%       0.3%       0.4%       0.3%       0.4%       13       16         16       tcv Vltage Level Breakdown       100.0%       100.0%       100.0%       100.0%       100.0%       100.0%       12         18       Med & Large Comm/Ind       12.3%       13.004.290       22       20       20       20       20       20       20       20       20       20       20       20       2	_								
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8       % of Total System       8         9       Residential       39.0%       40.7%       41.0%       42.0%       40.6%       40.7%       9         10       Small Commercial       11.4%       11.4%       11.0%       10.1%       10.9%       11.0%       10         11       Med & Large Comm/Ind       48.2%       46.6%       46.8%       46.6%       47.1%       47.1%       11         12       Agricultural       0.9%       0.9%       0.9%       0.4%       0.4%       0.9%       12         12       Lighting       0.4%       0.3%       0.4%       0.4%       0.9%       13         14       Total System       100.0%<		1 otal System	50,505,207	10,101,200	50,000,711	50,070,000	51,152,110		
9       Residential       39.0%       40.7%       41.0%       42.0%       40.6%       40.7%       9         10       Small Commercial       11.4%       11.4%       11.0%       10.1%       10.9%       11.0%       10         11       Med & Large Comm/Ind       48.2%       46.6%       46.8%       46.6%       47.1%       47.1%       11         12       Agricultural       0.9%       0.9%       0.9%       0.8%       1.0%       0.9%       13         14       Total System       100.0% </td <td>-</td> <td>% of Total System</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	-	% of Total System							
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10       Minit & Large Comm/Ind       48.2%       46.6%       46.8%       46.6%       47.1%       47.1%       11         12       Agricultural       0.9%       0.9%       0.9%       0.8%       1.0%       0.9%       13         13       Lighting       0.4%       0.3%       0.4%       13         14       Total System       100.0%       100.0%       100.0%       100.0%       100.0%       100.0%       100.0%       100.0%       100.0%       100.0%       100.0%       14       18       17       18       17       18       17       18       12       14       18       12       14       12       12       Secondary       3,241,675       23 <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	-								
11       Indice of online in the integer online in the integer online i									
13       Lighting       0.4%       0.3%       0.4%       0.3%       0.4%       13         14       Total System       100.0% </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
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15       ice Voltage Level Breakdown       15         16       16       16         17       18       5 Vear         19       Customer       19         20       KW       20         21       Med & Large Comm/Ind       21         22       Secondary       13,004,290       22         23       Primary       3,241,675       23         24       Transmission       1,330,750       24         25       Subtotal       17,576,715       25         26       26       26         27       Agricultural       27       25         28       Secondary       310,714       28         29       Primary       33,606       29         30       Transmission       0       30         31       Subtotal       344,320       31         32       33       34       Secondary       38,012       34         33       34       Secondary       38,012       34         34       Secondary       38,012       34         35       Transmission       218,081       36         34       Secondary       360,436				-					
ice Voltage Level Breakdown         16           17         5. Year           18         Customer           19         20           20         KW           21         Med & Large Comm/Ind           22         Secondary           23         Primary           3,004,290         22           24         Transmission         1,300,420           25         Subtotal         1,330,750           24         Transmission         20           27         Agricultural         27           28         Secondary         13,004,290           29         Primary         3,241,675           26         26         26           27         Agricultural         27           28         Secondary         310,714           29         Primary         33,606           20         Transmission         0           30         Subtotal         344,320           31         Subtotal         344,320           32         33         360,436           33         34         Secondary         38,012           33         Standby         32 </td <td></td> <td></td> <td>100.070</td> <td>100.070</td> <td>100.070</td> <td>1001070</td> <td></td> <td></td> <td></td>			100.070	100.070	100.070	1001070			
17       Image: Secondary       Secondary       19         20       KW       20         21       Med & Large Comm/Ind       21         22       Secondary       13,004,290       22         23       Primary       3,241,675       23         24       Transmission       1,330,750       24         25       Subtotal       17,576,715       25         26       26       26       26         27       Agricultural       27       28         28       Secondary       310,714       28         29       Primary       33,606       29         30       Transmission       0       30         31       Subtotal       344,320       31         32       Secondary       0       30         33       Subtotal       344,320       31         32       Transmission       0       30         33       Standby       33       33         34       Secondary       38,012       34         35       Primary       360,436       35         33       Standby       33       34         35       Primary<		rice Voltage Level Break(	lown						
18 $1$ Customer       S-Year       18         19       Average       19         20       KW       20         21       Med & Large Comm/Ind       21         22       Secondary       13,004,290       22         23       Primary       3,241,675       23         24       Transmission       1,330,750       24         25       Subtotal       17,576,715       25         26       26       26       27         28       Secondary       310,714       28         29       Primary       33,606       29         30       Transmission       0       30         31       Subtotal       344,320       31         32       Transmission       0       30         31       Subtotal       344,320       31         32       Secondary       38,012       34         34       Secondary       38,012       34         35       Primary       360,436       35         33       Mathematical State       32       33         35       Frimary       360,436       35         36       Transmission <td></td> <td>itee voltinge Lover Dream</td> <td></td> <td></td> <td>S FARMERS</td> <td></td> <td></td> <td></td> <td>17</td>		itee voltinge Lover Dream			S FARMERS				17
19         Average         19           20         KW         20           21         Med & Large Comm/Ind         21           22         Secondary         13,004,290         22           23         Primary         3,241,675         23           24         Transmission         1,330,750         24           25         Subtotal         17,576,715         25           26         26         26           27         Agricultural         27           28         Secondary         310,714         28           29         Primary         33,606         29           30         Transmission         0         30           31         Subtotal         344,320         31           32         31         32         32         33           33         Standby         33         33         34         360,436         35           33         Standary         360,436         35         35         36         37         360,436         35		Customer		和特殊				5-Year	
20       KW       20         21       Med & Large Comm/Ind       21         22       Secondary       13,004,290       22         23       Primary       3,241,675       23         24       Transmission       1,330,750       24         25       Subtotal       17,576,715       25         26       26       26         27       Agricultural       27         28       Secondary       310,714       28         29       Primary       33,606       29         30       Transmission       0       30         31       Subtotal       344,320       31         32       33       Subtotal       344,320       31         32       33       33       33       33       33         34       Secondary       38,012       34         35       Primary       360,436       35         36       Transmission       21       32		THE REAL PROPERTY OF THE PARTY OF	使了出了神						19
21       Med & Large Comm/Ind       21         22       Secondary $13,004,290$ 22         23       Primary $3,241,675$ 23         24       Transmission $1,330,750$ 24         25       Subtotal $17,576,715$ 25         26       26       26         27       Agricultural       27         28       Secondary $310,714$ 28         9       Primary $33,606$ 29         30       Transmission       0       30         31       Subtotal $344,320$ 31         32       33       Standby       33         34       Secondary $38,012$ 34         35       Primary $360,436$ 35         36       Transmission       218,081       36		AZ deside that we are realized as the second s	ATERNOON ACTIVITY	an and seed	Reading and a set	and the state of the	and services to be service of	AND AND CALMAN AND AND AND AND AND AND AND AND AND A	20
22       Secondary       13,004,290       22         23       Primary       3,241,675       23         24       Transmission       1,330,750       24         25       Subtotal       17,576,715       25         26       26       26       26         27       Agricultural       27       28       Secondary       310,714       28         29       Primary       33,606       29       29       30       310,714       28         30       Transmission       0       30       31,500       24       33         31       Subtotal       344,320       31       31       31       314       32       33         33       Standby       33       33       34       360,436       35       35       35       36       360,436       35       35       35       360,436       35       36       360,436       35       36			1						21
23Primary $3,241,675$ $23$ $24$ Transmission $1,330,750$ $24$ $25$ Subtotal $17,576,715$ $25$ $26$ 2626 $27$ Agricultural27 $28$ Secondary $310,714$ $28$ $29$ Primary $33,606$ $29$ $30$ Transmission $0$ $30$ $31$ Subtotal $344,320$ $31$ $32$ $31$ $344,320$ $31$ $32$ $31$ $344,320$ $31$ $32$ $31$ $360,436$ $32$ $33$ Standby $38,012$ $34$ $35$ Primary $360,436$ $35$ $36$ Transmission $218,081$ $36$		•	•					13.004.290	22
1,330,750 $24$ $24$ Transmission $1,330,750$ $24$ $25$ Subtotal $17,576,715$ $25$ $26$ 2627 $28$ Secondary $310,714$ $28$ $29$ Primary $33,606$ $29$ $30$ Transmission $0$ $30$ $31$ Subtotal $344,320$ $31$ $32$ 33Standby $32$ $33$ Standby $33,604,36$ $33$ $34$ Secondary $38,012$ $34$ $35$ Primary $360,436$ $35$ $36$ Transmission $218,081$ $36$									
21       Transmission       17,576,715       25         25       Subtotal       17,576,715       26         27       Agricultural       27         28       Secondary       310,714       28         29       Primary       33,606       29         30       Transmission       0       30         31       Subtotal       344,320       31         32       33       Standby       33         34       Secondary       38,012       34         35       Primary       360,436       35         36       Transmission       218,081       36		•							
26       26         27       Agricultural       27         28       Secondary       310,714       28         29       Primary       33,606       29         30       Transmission       0       30         31       Subtotal       344,320       31         32       33       Standby       33         34       Secondary       38,012       34         35       Primary       360,436       35         36       Transmission       218,081       36									
27       Agricultural       27         28       Secondary       310,714       28         29       Primary       33,606       29         30       Transmission       0       30         31       Subtotal       344,320       31         32       33       Standby       33         34       Secondary       38,012       34         35       Primary       360,436       35         36       Transmission       218,081       36		Subtotal							
28       Secondary       310,714       28         29       Primary       33,606       29         30       Transmission       0       30         31       Subtotal       344,320       31         32       33       Standby       32         34       Secondary       38,012       34         35       Primary       360,436       35         36       Transmission       218,081       36		Agricultural							
29       Primary       33,606       29         30       Transmission       0       30         31       Subtotal       344,320       31         32       33       Standby       33         34       Secondary       38,012       34         35       Primary       360,436       35         36       Transmission       218,081       36								310,714	28
30       Transmission       0       30         31       Subtotal       344,320       31         32       32       32       32         33       Standby       33       34         34       Secondary       38,012       34         35       Primary       360,436       35         36       Transmission       218,081       36		•							
31       Subtotal       344,320       31         32       32       32         33       Standby       33         34       Secondary       38,012       34         35       Primary       360,436       35         36       Transmission       218,081       36								0	
32       32         33       Standby         34       Secondary         35       Primary         36       Transmission         218,081       36								344,320	31
33     Standby     33       34     Secondary     38,012     34       35     Primary     360,436     35       36     Transmission     218,081     36		Subiolai							
34         Secondary         38,012         34           35         Primary         360,436         35           36         Transmission         218,081         36		Standhy							
35         Primary         360,436         35           36         Transmission         218,081         36								38,012	34
36         Transmission         218,081         36           716,072         27         27         27									
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Notes:

<sup>1</sup> SDG&E Load Research Data: 2007 - 2011.

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# Statement – BD Allocation Energy and Supporting Data

Docket No. ER14-\_\_\_-

Statement BD SAN DIEGO GAS AND ELECTRIC COMPANY Allocation Energy and Supporting Data For Twelve Months Ending December 31, 2015

Line No. 10 12 δ 11 ŝ 4 8 7 6 8  $\sim$ Statement BD, Page 3, Line 9 Sum Lines 1 thru 12 Reference 1,942,541 ,514,250 ,698,796 ,616,983 1,725,842 ,603,068 ,616,790 ,785,142 ,780,026 1,670,342 20,061,754 ,563,223 ,544,751 @ Meter Level **Energy Sales** (c) = (a) - (b)Retail  $\mathcal{C}$ 3 ε 3 3  $\boldsymbol{\omega}$ 3  $\mathbf{c}$ ς  $\mathbf{c}$ 37 @ Meter Level Escondido City of ව ,670,345 1,780,029 ,942,544 (,698,799 1,616,986 ,725,846 ,563,226 ,514,253 ,544,754 ,616,793 .,785,145 20,061,791 ,603,071 a) Meter Level **Energy Sales** Retail (a) November-15 September-15 December-15 February-15 October-15 January-15 August-15 March-15 April-15 July-15 May-15 June-15 Months Total Line No. 0 m 4

Statement BD - RS 2015.xlsx - Energy and Supporting Data

Statement BD SAN DIEGO GAS AND ELECTRIC COMPANY Allocation Energy and Supporting Data 2015 Reliability Service (RS) Filing<sup>1</sup>

Line No. 18 19 21 22 21 10 11 12 13 14 15 16 17 S 00 δ 38.54% 37.04% 9.00% 3.70% 0.42% 1.01%0.15% 0.00% 0.46% 9.69% 49.74% 1.16%100.00% (d) = (c) / (c) Line 22Transmission Level Energy Allocation Factors @ 771,656 86,710 30,312 242,092 Transmission Level 1,879,090 2,021,982 7,732,684 211,781 8,047,081 10,383,430 96,091 20,877,385 (c) = (a) x (b)MWH @ Energy 1.0457 1.0457 1.0457 1.0108 1.0000 1.0457 1.0457 1.0108 1.0000 1.0457 Transmission Loss Factors ව 7,695,401 1,933,615 7,394,745 1,859,013 771,656 202,525 29,988 82,920 0,025,413 232,513 91,891 20,061,754 Meter Level MWH @ Energy **a** Medium & Large Commercial/Industrial Customers Agricultural (Schedules PA, TOU-PA and PA-T-1) Total Agricultural - Schedule PA-T-1 Total Medium-Large Commercial Customer Class Summary of Energy Allocators Schedules PA and TOU-PA Small Commercial Customers Total Street Lighting Customers **Residential Customers** Schedule PA-T-1 Standby Customers Transmission Transmission Secondary Secondary Primary Primary Line 19 21 22 22 No. 10 11 13 14 15 15 17 18 Ś 6 3 З 4 9 7 8

Notes:

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Forecasted systems delivery determinants. Excludes city of Escondido

Statement BD - RS 2015.xlsx - Energy Allocation Factors

[Date]

Feb-15         Mar-15         Apr-15         May-15           638,937         611,731         559,979         553,684           154,282         152,343         147,795         151,066           3,156         3,181         3,053         3,149           725,591         718,633         716,756         741,382           74,620         50,824         5,616         6,806           74,520         14,260         16,1599         3,149           755,591         718,633         716,756         741,382           74,620         50,824         5,616         6,806           74,220         14,260         16,1599         3,149           7,592         7,588         7,404         7,444           7,593         3,146         7,444         7,444           7,593         3,181         3,053         3,149           7,503         3,181         3,053         3,149           7,000,000         100,000%         100,00%         0,000           100,000%         100,000%         100,00%         0,000           100,000%         100,000%         100,00%         0,000           100,000%         100,000%         0,000	Jul-15 667,872 667,872 3,425 833,549 64,790 64,790 64,790 7,828 7,828 7,828			_		
Customer Class Deliveries (MWh)         Jan-15         Feb-15         Mar-15         Apr-15         Mar-15         Apr-15         Mar-15         Apr-15         Mar-15         Apr-15         Mar-15         S53.644         E           Rmail Commercial         T29,920         63.637         75.333         7167.756         741.362         37.49         57.400         55.66         63.06         63.06         63.06         741.362         741.44         741.44         741.44         741.44         741.44         741.44         741.44         741.44         741.44         741.44         741.44         741.44         741.44         741.44         741.44         741.44         741.66         71.66	Jul-15 667,872 667,872 3,425 833,549 64,790 64,790 64,790 7,823 7,828 7,828					
Residential         729.926         538.937         611.731         559.73         553.634           Med. & Large Comm./Ind. (AD)         3.166         3.165         3.16.756         74.106         5.106           Med. & Large Comm./Ind. (AE-TOU)         3.165         5.4600         5.0824         57.408         61.591           Med. & Large Comm./Ind. (AE-TOU)         7.41.628         7.551         17.563         7.17.56         7.41.382           Med. & Large Comm./Ind. (AE-TOU)         63.255         5.616         6.806         5.616         6.806           Agriculture (PA-T-1)         1.4.372         1.4.352         7.404         7.444         3.33           Icititing         1.4.563         7.568         7.404         7.444         3.35           Sale for Resale         3.160,0071         1.4.372         3.154,754         1.444         3.444           Vata Schedule Billing Determinants         1.7.25,846         1.603,071         1.563,252         1.544,753         1.544,754           Med. & Large Comm./Ind.         1.4.563         3.149         7.444         3.444           Sale for Resale         3.160,071         1.563,256         1.544,753         1.544,754           Med. & Large Comm./Ind.         Amer.15 <td< td=""><td>667,872 173,277 3,425 833,549 64,790 64,790 64,790 25,128 7,828 7,828</td><td>ľ</td><td>15 Oct-15</td><td>Nov-15</td><td>Dec-15</td><td>Total</td></td<>	667,872 173,277 3,425 833,549 64,790 64,790 64,790 25,128 7,828 7,828	ľ	15 Oct-15	Nov-15	Dec-15	Total
Small Commercial         160,920         154,282         157,343         147,795         151,056         741,382         714,795         751,056         741,382         714,795         751,755         714,795         751,755         714,795         751,755         714,795         751,755         714,382         714,382         714,795         751,755         714,382         714,382         714,382         714,382         714,382         714,382         714,382         714,382         714,382         714,382         714,382         714,382         714,382         714,382         714,432         744,382         744,382         744,372         744,372         744,372         744,372         744,372         744,372         744,372         744,372         744,754	173,277 3,425 833,549 64,790 9,272 7,828 7,828 33	684.1711 758.524	ľ		678 987	7 605 401
Med. & Large Comm./Ind. (AD)         3,166         3,156         3,156         3,165         3,141         3,053         3,146           Med. & Large Comm./Ind. (Excluding AD/A6-TOU)         (E4,526)         7,18,633         7,16,756         7,41,322         8,149         7,16,756         7,41,322         8,141         3,053         3,146         7,138         7,413         8,153         7,16,756         7,413         3,053         3,146         7,1382         7,413         8,153         7,414         7,413         3,144         7,414         7,444	3,425 833,549 64,790 9,272 25,128 7,828 3				157 136	1 023 615
Med. & Large Comm./Ind. (Excluding AD/A6-TOU)         741,628         725,551         718,633         716,756         741,539           Agriculture (PAT-1)         (AF-TOU)         63,255         54,600         50,824         57,408         61,599           Agriculture (PAT-1)         (AF-TOU)         63,255         54,600         50,824         57,408         61,599           Agriculture (PAT-1)         1,4,372         14,4260         16,241         16,800           Agriculture (PAT-1)         7,444         3	833,549 8 64,790 9,272 9,272 7,828 7,828 33			3 100	200 0	2010/002/1
Med. & Large Comm./Ind. (A6-TOU)         63,255         54,600         50,824         57,408         61,596         6,806         1,549         7,408         61,596         6,806         1,540         7,408         61,540         7,408         61,540         7,408         7,408         7,408         7,408         7,408         7,408         7,408         7,408         7,408         7,408         7,408         7,404         7,444	64,790 9,272 25,128 7,828 3	88	20	762 428	737 323	0 754 607
Agriculture (PA and TOU-PA)         4,566         4,663         5,616         6,800           Agriculture (PA-T-1)         14,372         14,290         14,260         16,240         19,621           Agriculture (PA-T-1)         14,372         14,372         14,290         14,260         16,240         7,444           State for the (PA-T-1)         1,735,846         1,603,071         1,563,226         1,514,253         1,544,754           State Schedule Billing Determinants         1,725,846         1,603,071         1,563,226         1,514,253         1,544,754           Med. & Large Comm./Ind.         1,725,846         1,603,071         1,563,226         1,514,725         1,544,754           Total System         Med. & Large Comm./Ind.         Jan-15         Mar-15         Mar-15         Mar-15           Fate Schedule Billing Determinants         Jan-15         7,163         3,161         3,053         3,149           Total Deliveries (MWh)         Service         0,000%         100,00%         100,00%         0,00%         0,00%           More Secondary Service         0,000%         0,000%         0,000%         0,000%         0,00%         0,00%           MWh @ Fransmission Service         0,000%         0,000%         0,000%	9,272 9,272 25,128 7,828				C 2C 1 C 1	704,032
Agriculture (PA-T-1)         14,372         14,290         14,260         16,240         19,621           Lighting         7,990         7,582         7,588         7,404         7,444           Data for Resale         3         3         3         3         3         3           Total System         1,725,846         1,603,071         1,553,226         1,514,353         1,544,754           Med. & Large Comm./Ind.         1,725,846         1,603,071         1,563,226         1,514,353         1,544,754           Med. & Large Comm./Ind.         Rate Schedule Billing Determinants         1,725,846         1,603,071         1,563,226         1,514,353         1,544,754           Med. & Large Comm./Ind.         Rate Schedule Billing Determinants         1,725,846         1,603,071         1,563,226         1,514,353         1,544,754           Med. & Large Comm./Ind.         Rate Schedule AD:         Jan-15         Mar-15	25,128 7,828 3				04,732 F 203	000,15/
Lighting         7,592         7,588         7,404         7,444           Sale for Resale         3	7,828				2,034	07/27000
Sale for Resale         3					000 2	232,513
Total System         1,725,846         1,603,071         1,563,226         1,514,253         1,544,754           Med. & Large Comm./Ind.         Med. & Large Comm./Ind.         Jan-15         Mar-15         Mar-1					502 <sup>(</sup> )	10010
Med. & Large Comm./Ind.         Med. & Large Comm./Ind.           Rate Schedule Billing Determinants         Jan-15         Feb-15         Mar-15         Apr-15         Mar-15           Schedule AD:         Jan-15         Feb-15         Mar-15         Apr-15         Mar-15         Mar-15         Mar-15           Total Deliveries (NWh)         Schedule AD:         Jan-15         Feb-15         Mar-15         Mar-	1 785 145	1 780 020 1 042 544	14 4 500 700	1 646 006		
Med. & Large Comm./Ind.         Med. & Large Comm./Ind.           Rate Schedule Billing Determinants         Jan-15         Feb-15         Mar-15         Jan-15         Apr.15         Jan-15         Apr.15         Jan-15         Jan-15         Jan-15         Jan-15         Jan-15         Jan-15         Jan-15         Jan-15         Jan-15         Mar-15         Jan-15         Mar-15         Jan-15         Jan-16         Jan-16 <t< td=""><td>C+1 '00 1'1</td><td></td><td></td><td>1,010,300</td><td>1,0/0,345 2</td><td>20,061,/91</td></t<>	C+1 '00 1'1			1,010,300	1,0/0,345 2	20,061,/91
Rate Schedule Billing Determinants         Jan-15         Feb-15         Mar-15         Apr-15         Mary-15         J           Schedule AD:         Jan-15         Feb-15         Mar-15         Apr-15         Mary-15         J           Total Deliveries (%)         Jan-15         Jan-15         Apr-15         Mary-15         J           Total Deliveries (%)         Jan-15         Jan-15         Apr-15         Mary-15         J           Total Deliveries (%)         J <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Schedule AD:         Jan-15         Feb-15         Mar-15         Apr-15         Mar-15         Mar-16         Mar-16         Mar-16         M		-				
Schedule AD:         Jan-15         Feb-15         Mar-15         Apr-15         Mar-15         Mar-15         Apr-15         Mar-15         Mar-16         Mar-16         M						
Total Deliveries (MWh)         3,186         3,156         3,181         3,053         3,149           Total Deliveries (%)         0.00%         100         00%         0.00%         0.00%         0.00%         0.00%         100.00%         100         0	1.1 45			W		-
Total Deliveries (%)         0.000%	201 CI - IDC	2 160 2 200		Z	Uec-15	
Total Deliveries (%)         Total Deliveries (%)         100.00%         <			00 00 00	3,100	2,997	39,115
% @ Secondary Service         100.00%         100         00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         100.00%         100         00%         100						
% @ Primary Service         0.00% <td>100.000</td> <td></td> <td></td> <td></td> <td>100000</td> <td>000 001</td>	100.000				100000	000 001
% @ Transmission Service         0.00%         0.000%         0.0000%         0.0000% <th< td=""><td>200.001 200.00</td><td></td><td>0000 0000</td><td>%00.001</td><td>%00.001</td><td>100.00%</td></th<>	200.001 200.00		0000 0000	%00.001	%00.001	100.00%
NUh @ Primary Service         3,186         3,156         3,181         3,053         3,149           MWh @ Secondary Service         0 <td>20000</td> <td></td> <td></td> <td></td> <td>2000 Q</td> <td>0.00%</td>	20000				2000 Q	0.00%
Total Deliveries (MWh)         Total Deliveries (MWh)           MWh @ Secondary Service         3,186         3,156         3,181         3,053         3,149           MWh @ Primary Service         0         0         0         0         0         0           MWh @ Transmission Service         3,186         3,156         3,181         3,053         3,149           MWh @ Transmission Service         0         0         0         0         0         0           MWh @ Transmission Service         3,186         3,156         3,181         3,053         3,149           MWh @ Transmission Service         0         0         0         0         0         0           MWh @ Transmission Service         0,4270% <t< td=""><td>100 00% 10</td><td>100 00% 100 00%</td><td>100 000 0000</td><td>100.00%</td><td>0.00%</td><td>0.00%</td></t<>	100 00% 10	100 00% 100 00%	100 000 0000	100.00%	0.00%	0.00%
MWh @ Secondary Service         3,186         3,156         3,181         3,053         3,149           MWh @ Primary Service         0 <td>2/00:001</td> <td></td> <td></td> <td></td> <td>% nn.nn</td> <td><u>8,00.001</u></td>	2/00:001				% nn.nn	<u>8,00.001</u>
MWh @ Primary Service         0	3 425	3 460 3 783	83 350	3 400	2 007	20.445
MWh @ Transmission Service         0 </td <td></td> <td></td> <td></td> <td>5</td> <td>2221 V</td> <td>21160</td>				5	2221 V	21160
Non-Coincident Demand (%)         3,186         3,156         3,181         3,053         3,149           Non-Coincident Demand (%)         0.4270%         0.4				þ		
Non-Coincident Demand (%)         0.4270%         0.427	3.42	3.460 3.783	3.35	3 10	2 007	20 44 5
% @ Secondary Service         0.4270% </td <td></td> <td></td> <td></td> <td></td> <td>10017</td> <td>211,00</td>					10017	211,00
% @ Primary Service 0.0000% 0.0000% 0.0000% 0.0000% 0.0000%	0.4270%	0.4270% 0.4270%	0 4270%	0 4270% 0	0 4270%	0.4270%
	0.0000%				0.0000	200000 U
	0.0000%		1		200000	% 00000 0
					Ø 0000.	0.000
	14.625	14.772 16.154	54 14 305	13 237	12 798	167 023
MW @ Primary Service 0.000 0.000 0.000	0.000	0.000 0.000		0000		0000
MW @ Transmission Service	0.000	0.000 0.000			0000	0000
<u>37</u> 13.476 13.581 13.035 13.446 13.992	14.625	14.772 16.154		ſ	12.798	167 023
38						

Statement BD - RS 2015.xlsx - Forecasted Monthly Sales

		EERCI	EERC Eorecast	SaniDiego(Gasi&Electric	gosGasik 1. stJanua	K Electri Iry/2015	ctor SDecem	ber/201	58-1-2-2					
4	Schedules AL-TOU / AY-TOU / DG-R / OL-TOU:	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
4	Total Deliveries (MWh)	741,628	725,591	718,633	716,756	741,382	776,715	833,549	818,079	883,913	798,693	762,428	737,323	9.254.692
43														
4	I otal Deliveries (%)													
42	1% @ Secondary Service	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%
46	% @ Primary Service	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%
47	% @ Transmission Service	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%
<del>4</del>		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
49 64	Total Deliveries (MWh)							•						2/2020
20	MWh @ Secondary Service	589,446	576,700	571,170	569,678	589,251	617,333	662,505	650,209	702,534	634,801	605,978	586,025	7.355.629
51	MWh @ Primary Service	140,835	137,790	136,468	136,112	140,789	147,498	158,291	155,353	167,855	151,672	144.785	140.018	1 757 466
22	MWh @ Transmission Service	11.347	11.102	10,995	10,966	11.343	11,884	12,753	12,517	13.524	12.220	11,665	11.281	141.597
23 23		741,628	725,591	718,633	716,756	741,382	776,715	833,549	818,079	883,913	798,693	762.428	737,323	9 254 692
54	Non-Coincident Demand (%)												2221.2	
55	% @ Secondary Service	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0 2754%	0 2754%	0 2754%
56	% @ Primary Service	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0 2226%
57	% @ Transmission Service	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%
28														2010
59	Non-Coincident Demand (MW)													
8	MW @ Secondary Service	1,623.335	1,588.231	1,573.002 1	568.893 1	1,622.797 1	1,700.136 1	1,824.538	1.790.675 1.934.780	1.934.780	1.748.243	1.668.863	1 613 912	20 257 402
6	MW @ Primary Service	313.499	306.720	303.779	302.985	313.395	328.331	352.356	345.816	373.646			311 679	3 912 119
62	MW @ Transmission Service	21.775	21.304	21.100	21.044	21.768	22.805	24.474	24.019	25.952	23.450	22.385	21.648	271 724
ខ		1,958.609	1,916.254	1,897.880 1	892.922 1	1.957.959 2		-	-	<u> </u>	-		1 947 239	24 441 246
64	On-Peak Demand (%)				Į			<u> </u>		-			007.110.1	043-11-4
65	% @ Secondary Service	0.2255%	0.2255%	0.2255%	0.2255%	0.2512%	0.2512%	0.2512%	0.2512%	0.2512%	0.2512%	0.2255%	0 2255%	2390%
99	% @ Primary Service	0.2068%	0.2068%	0.2068%	0.2068%	0.2272%	0.2272%	0.2272%	0.2272%	0.2272%	0.2272%	0.2068%	0.2068%	0.2175%
67	% @ Transmission Service	0.3132%	0.3132%	0.3132%	0.3132%	0.3092%	0.3092%	0.3092%	0.3092%	0.3092%	0.3092%	0.3132%	0.3132%	0.3111%
88														
<u>6</u>	On-Peak Demand (MW)													
02	MW @ Secondary Service	1,329.201	1,300.457	1,287.988 1	1,284.623 1,480.198		1,550.741 1	1.664.212	1.633.325 1	1.764.766 1	1.594.621	1.366.480	1 321 485	17 578 098
7	MW @ Primary Service	291.247	284.949	282.217	281.480	319.872	335.116	359.637				299.416	289.557	3 822 417
2	MW @ Transmission Service		34.770	34.437	34.347	35.073	36.745	39.433	38.701	41.816	37.784	36.535	35.332	440.512
5		1,655.987	1,620.177	1,604.641 1	,600.450 1	1,835.143 1	1,922.602 2	2,063.282	2.024.989	2.187.949 1	1.977.004	-	1 646 374	21 841 027
74					_							-		1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0
75 76														
2				Starting the second second			「「「「「「「「「」」」」	現在の方向でなど	の言語の言語で	大学になっていたの				

Statement BD - RS 2015.xlsx - Forecasted Monthly Sales

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		14 ST	<u>EERCEOrecast</u>	San Diego Gasr&iElectric ediRenod XJanuary/2015: December/2015	gorGasr d YJanu	& Electr ary/2015	C. Decen	iber,201	5					
F	Schedule A6-TOU:	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
78	Total Deliveries (MWh)	63,255	54,600	50,824	57,408	61,599	57,864	64,790	61,711	67.751	60.046	67.026	64.732	731,606
6/	Total Daliveriae (9/)													
3	% @ Secondary Service	70UU	70000	70000	70000	70000	/00000	10000	10000	2000	10000			
82	% @ Primary Service	13.88%	13.88%	13.88%	13.88%	13,88%	13 88%	13 88%	12 88%	12 000/	12 000/	10.00%	0.00%	0.00%
83	% @ Transmission Service	86.12%	86.12%	86.12%	86 12%	86 12%	86 12%	86 12%	RE 12%	000001 00 100/	10.00.01	10.00%	13.00%	13.88%
84		100.00%	100.00%	100.00%	100.00%	100.00%	100 00%	100 00%	100 00%	100 00%	100 00%	100 00%	100.00%	00.12%
85	Total Deliveries (MWh)						2/22:221	20000	20000	N 00.001	N 00.001	1%.00.001	N0.001	%00.001
86	MWh @ Secondary Service	0	0	0	0	0	0	0	Ō	C	C	C	C	C
87	MWh @ Primary Service	8,780	7,578	7,054	7,968	8,550	8,031	8,993	8.566	9.404	8.334	9.303	8 985	101 547
88	MWh @ Transmission Service	54,475	47.022	43,770	49,439	53,049	49.832	55,797	53,146	58.347	51.712	57.723	55 747	630.059
88		63,255	54,600	50,824	57,408	61,599	57,864	64,790	61.711	67.751	60.046	67.026	64 732	731 606
6	Non-Coincident Demand (%)											2		0001-01
<u>9</u>	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	%00000.0	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	%000000	%00000	20000 D
6	% @ Primary Service	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%
ន	% @ Transmission Service	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0 1830%	0 1830%	0 1830%
6												2000	2/ 200	0000
95	Non-Coincident Demand (MW)													
96	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0000	0000	0000			
67	MW @ Primary Service	18.473	15.945	14.843	16.765	17.989	16.898	18.921	18.022	19 786	17 536	19 574	18 004	213 655
86	MW @ Transmission Service	689 66	86.049	80.099	90.474	97.080	91.193	102.109	97.257	106 775	94 632	105 633	102.01	1 153 008
66		118.162	101.995	94.942	107.239	115.069	108.091	121.030	115 279	126,560	112 168	125 207	120 022	1 266 662
<u>6</u>	Coincident Peak Demand (%)								2	202.24	201.211	103.031	770.07	000.000-1
<u>6</u>	% @ Secondary Service	%00000.0	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0 0000%
102	% @ Primary Service	0.1365%	0.1365%	0.1365%	0.1365%	0.1687%	0.1687%	0.1687%	0.1687%	0.1687%	0.1687%	0.1365%	0.1365%	0.1530%
103	% @ I ransmission Service	0.1423%	0.1423%	0.1423%	0.1423%	0.1478%	0.1478%	0.1478%	0.1478%	0.1478%	0.1478%	0.1423%	0.1423%	0.1451%
10	Coincident Bosk Demand (MMA)													
901	MW @ Secondary Service					0000	0000	0000	000					
101	MW @ Primary Service	11 000	10.000	0.00	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000
108	MW @ Transmission Service	77 510	66.043	3.02%	70.017	14.424	13.549	1/1.01	14.450	15.864	14.060	12.699	12.264	155.316
80		0 0.7	00.912	C07.20	705.07	/8.40/	13.022	82.468	78.550	86.237	76.430	82.140	79.328	914.277
110		200.80	007-11	/1.914	87.729	92.830	87.201	97.639	93.000	102.101	90.490	94.838	91.593	1,069.594
111			要請書がないでの回知の意思の	2000 00 00 00 00 00 00 00 00 00 00 00 00	dalate of have of the	A THE REAL PROPERTY OF THE PARTY OF	000.0000000000000000000000000000000000	and a state of the state of the state	astronomic victories in the	ninewstration of the second	A STATE OF A	And a second	Substative static in the state	a se
112														
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Statement BD - RS 2015.xisx - Forecasted Monthly Sales

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	s Antonio - Antonio - A	EERCI	Forecast	SanvDiego/Gas/&HEectricy ediPeriod: January/20/15=December/20/15	goiGasid d: Janui	84Electr ary/2015	cx	ber 201	5.4.9					
113	Schedule PA-T-1:	Jan-15	Feb-15	Mar-15	Apr-15	Mav-15	Jun-15	Jul-15	Aug-15	Sen-15	Oct-15	NOV.15		TOtol
114	Total Deliveries (I	14,372	14,290	14,260	16,240	19,621	22.703	25.128	24.147	25.364	21.785	18 738	15 865	232 513
115	1									122021	20114	221/21	200121	20210
116	1													
117	ľ	86.51%	86.52%	86.50%	86.88%	87.19%	87.37%	87.46%	87.38%	87.31%	87.26%	87.13%	86.87%	87 10%
118		13.49%	13.48%	13.50%	13.12%	12.81%	12.63%	12.54%	12.62%	12.69%	12.74%	12.87%	13.13%	12.90%
119	1% @ Transmission Service	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%
120		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
13	1													
122		12,433	12,364	12,334	14,110	17,107	19,835	21,975	21,100	22,146	19.010	16.327	13.782	202 525
123		1,938	1,926	1,925	2,130	2,514	2,868	3,152	3.048	3.218	2.775	2 411	2 082	20 088
124	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	C		0000
125	1	14,372	14,290	14,260	16,240	19,621	22,703	25,128	24,147	25.364	21.785	18.738	15.865	232 513
126	1											22.12.	2222	212/122
127	% @ Secondary Service	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0 4221%
128		0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%
129		0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	00000%	0.0000%
130													2	222222
131	Non-Coincident Demand (MW)													
132	MW @ Secondary Service	52.481	52.187	52.064	59.559	72.210	83.723	92.759	89.061	93.480	80.243	68.916	58.175	854.859
133	MW @ Primary Service	9.961	9.898	9.895	10.946	12.919	14.740	16.199	15.663	16.537	14.260	12.390	10.701	154,107
134	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0000
135		62.442	62.085	61.959	70.505	85.129	98.463	108.958	104.724	110.017	94 503	81306	68.876	1 008 966
136	On-Peak Demand (%)										222	2022-1-2	0.000	0000001
137	% @ Secondary Service	0.2114%	0.2114%	0.2114%	0.2114%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.2114%	0 2114%	0 1825%
138	İ	0.3013%	0.3013%	0.3013%	0.3013%	0.3050%	0.3050%	0.3050%	0.3050%	0.3050%	0.3050%	0.3013%	0.3013%	0.3035%
139	% @ Transmission Service	0.0000%	0.0000%	%0000.0	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	00000
40														2,000
141	On-Peak Demand (MW)													
142	MW @ Secondary Service	26.284	26.137	26.075	29.829	27.902	32.351	35.842	34.413	36.121	31.006	34.515	29.136	369.611
143	MW @ Primary Service	5.840	5.803	5.801	6.417	7.667	8.748	9.614	9.296	9.815	8.464	7.264	6.274	91.003
4	MW @ Transmission Service	000.0	0.00	0.000	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
146		32.124	31.940	31.876	36.246	35.569	41.099	45.456	43.709	45.935	39.469	41.779	35.410	460.614
147			の「日本日田の主」	ALLEY ALLEY STORE AN	Salar and the second second	現象の影響にいたの思想	1		and a state of the	And the second second second	ACAN REACTING TO THE REACTION	district at the Articles of the	ACCESSION STATEMENT STATEMENT	aborte carbonicanas) herea Chevie and
148														
149	Schedule S: Standby Determinants:	Jan-15	Feb-15	<u> Mar-15</u>	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	<u>Oct-15</u>	Nov-15	Dec-15	<u>Total</u>
151	1	070 0	070 0	0100		070 0		0.00						1
153	MM/ @ Primary Service	00 045	0.04 0 0 0 0 0 1 0	840.00	0.040	0.040	9.948	9.949	9.949	9.949	9.949	9.949	9.949	119.388
1 22	MMM @ Transmission Sonitoo	01.00	040-00	001.00	00.000	88.840 00 100	88.840	88.840	99.945	99.945	99.945	99.945	99.945	1,199.340
34		00.003	200.003	200.00	500.00	<u>60.053</u>	60.563	60.563	60.563	60.563	60.563	60.563	60.563	726.756
		/0/1	1/0+-0/1	1/0.45/	1/0.45/	1/0.45/	1/0.457	170.457	170.457	170.457	170.457	170.457	170.457	2,045.484
		行いたが、大学校を開発して	Port of the second s	And the second	の部門市市の主要的		的制作用的研究的建設	の法律が必要があるという	AND	「正に見かまた」を読みれたの次	A STATE STATE STATE STATE STATE STATES	Britson to Substantian Andreas	A PARTICIPALITY AND A PARTICIPALITY	BALL DAY AND THE PROPERTY OF A DAY
	计计算机 建铁合物 化合物化合物 化合物化合物 化合物化合物 化合物化合物 化合金 计分子计算机 化合金素 网络加拿大 化合物化合物 化合物化合物 化合物化合物		時代自己になった。	2406 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 -			A Constant of the second		がないというないないない	A LONG & LONG AND A			のために、「「「「」」	

Statement BD - RS 2015.xisx - Forecasted Monthly Sales

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# Statement – BG Revenue Data to Reflect Changed Rates

Docket No. ER14-\_\_\_\_

	(c) = (a) - (b)   (a) = (c)/(b)	(a)/(a) = (b)		
Customer Classes				
to troposed trace   to treat trace	(\$) Change	(%) Change	Reference	
•,	<b>(308)</b>	-13.79%	(a) Statement BG, Page 5, Line 1, Col. M / 1000	
Small Commercial (w/o Schedules PA and TOU-PA) 522 561	(6£)	-6.90%	<ul><li>(b) Statement BH, Page 4, Line 1, Col. M / 1000</li><li>(a) Statement BG, Page 5, Line 3, Col. M / 1000</li></ul>	
Medium-Large Commercial/Industrial (w/o Schedule PA-T-1) 2,264 2,602	(338)	-12.99%	<ul> <li>(b) (Statement BH, Fage 4, Lme 3, Col. M) / 1000 - Line 8</li> <li>(a) Statement BG, Page 5, Line 8, Col. M / 1000</li> </ul>	
JU-PA and PA-T-1)	į		(b) (Statement BH, Page 4, Line 8, Col. M) / 1000 - Line 10	
Scuedules r.A. and 100-r.A. 24	(11)	-44.83%	(a) Statement BG, Page 5, Line 11, Col. M / 1000 (b) Statement BG. Page 12. Line 6 x Statement BH Page 5. Line 14	
Schedule PA-T-1 32 81	(49)	-60.58%	(a) Statement BG, Page 5, Line 16, Col. M / 1000	
			Statement BG, Page 12, Line 159 x Statement BH, Page 7, Line 15	
	(+)	%nn-91-	(a) Statement BG, Fage 5, Lme 18, Col. M / 1000	
Standby Customers 61 41	20	49.99%	(U) Statement BG, Fage 4, Lune 10, COL. M / 1000 (a) Statement BG, Page 5, Line 20, Col. M / 1000	
Grand Total S 4,836 S 5,563 S	\$ (727)	-13.08%	(u) Statement Dri, rage 4, Lute 14, Col. M/ 1000 Sum Lines 1 through 15	

Statement BG SAN DIEGO GAS & ELECTRIC COMPANY 2015 Reliability Service (RS) Filing Comparison of RS Revenues During Rate Effective Period @ Forecast Billing Determinants (\$000)

Statement BG - RS 2015 (3).xis-RS Revenue Comparison

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# Reliability Service (RS) Revenue Data to Reflect Changed Rates<sup>1</sup> Rate Effective Period - Twelve Months Ending December 31, 2015 SAN DIEGO GAS AND ELECTRIC COMPANY

		Line	°. Z		ci_m_	4 v	0 1 00 0	2 =	<u>1 1</u>	4 <u>र</u>
	15	rminants	Demand (kW)			2,173,355	98,463		170,457	2,442,275
(F)	Jun-15	Billing Determinants	Energy (kWh) Demand (kW)	581,798,026	158,444,108	837,855,708	8,267,259 22,703,171	7,721,750		1,616,790,021
	-15	erninants	Demand (kW)			2,086,474	85,129		170,457	2,342,060
E	May-15	Billing Determinants	Energy (kWh) Demand (kW)	553,683,978	151,065,555	806,130,425	6,805,686 . 19,621,165	7,444,183	· .	1,544,750,993
	15	erminants	Demand (kW)			2,013,196	70,505		170,457	2,254,158
ê	Apr-15	Billing Determinants	Energy (kWh) Demand (kW)	559,978,753	147,794,650	777,216,366	5,616,154 16,240,070	7,403,951		1,514,249,945
	.15	arminants	Demand (kW)			2,006,403	61,959		170,457	2,238,818
0	Mar-15	Billing Determinants	Energy (kWh) Demand (kW)	611,731,387	152,343,247	772,638,349	4,662,798 14,259,910	7,587,504		1,563,223,194
	15	erminants	Demand (kW)			2,031,724	62,085		170,457	2,264,267
Ð	Feb-15	Billing Determinants	Energy (kWh) Demand	638,937,293	154,281,962	783,346,677	4,620,252 14,289,761	7,592,395		1,603,068,339
	5	minants				2,090,373	62,442		170,457	2,323,272
(¥)	Jan-15	Billing Determinants	Energy (kWh) Demand (kW)	729,926,255	160,919,538	808,068,538	4,566,218 14,371,632	7,990,215		1,725,842,395
ľ		<u>. 1</u>	Customer Classes	Residential Customers	Small Commercial	Medium-Large Commercial/Industria	Agricultural Schedules PA and TOU-PA Schedule PA-T-1	11 Street Lighting	13 Standby Customers	15 TOTAL
		Line	ź	н с	1 ~ 4	- v v	× × × × ×	115	1 1 1	15

Notes: <sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2015 modified to identify Schedules PA, TOU-PA and PA-T-1 in the new proposed agricultural customer class.

Statement BG - RS 2015.xls-A-Billing Determinants

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10/22/2014

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# Reliability Service Revenue Data to Reflect Changed Rates<sup>1</sup> Rate Effective Period - Twelve Months Ending December 31, 2015 SAN DIEGO GAS AND ELECTRIC COMPANY

-		Line	No.		r•_m_	4 V.	0 1 00 00	8 ::	2 2	15 15
	5	rminants	Demand (kW)			2,080,959	68,876		170,457	2,320,293
Ð	Dec-15	Billing Determinants	Energy (kWh) Demand (kW)	678,987,006	157,136,404	805,052,640	5,391,594 15,864,677	7,909,458		1,670,341,779
	SI	erminants	Demand (kW)			2,151,984	81,306		170,457	2,403,747
(K)	Nov-15	Billing Determinants	Energy (kWh) Demand (kW)	595,885,524	155,471,057	832,554,172	6,705,853 18,737,852	7,628,236		1,616,982,694
	15	erminants	Energy (kWh) Demand (kW)			2,235,787	94,503		170,457	2,500,747
6	Oct-15	Billing Determinants	Energy (kWh)	633,906,990	165,367,008	862,089,202	8,134,958 21,785,265	7,512,481		1,698,795,904
	15	erminants	Demand (kW)			2,477,092	110,017		170,457	2,757,566
Ξ	Sep-15	Billing Determinants	Energy (kWh) Demand (kW)	758,523,528	185,634,865	955,447,241	9,742,551 25,364,321	7,828,007		1,942,540,513
		erminants	Demand (kW)			2,290,562	104,724		170,457	2,565,743
(H)	Aug-15	Billing Determinants	Energy (kWh) Demand	684,170,668	171,879,511	883,249,653	9,134,534 24,147,372	7,444,704		1,780,026,441
_	۔ د	rminants	Demand (kW)			2,337,022	108,958		170,457	2,616,437
(6)	Jul-15	Billing Determinants	Energy (kWh) Demand (kW)	667,871,587	173,277,451	901,764,203	9,272,324 25,127,731	7,828,205		1,785,141,501
1		<b></b>	Customer Classes	Residential Customers	Small Commercial	Medium-Large Commercial/Industrial	Agricultural Schedules PA and TOU-PA Schedule PA-T-1	11 Street Lighting	13 Standby Customers	is TOTAL
		Line	ź		1 0 1	 + vo vo	> r ∞ o 5	2 = 2	1 2 2	15

Notes: <sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2015 modified to identify Schedules PA, TOU-PA and PA-T-1 in the new proposed agricultural customer class.

Statement BG - RS 2015.xls-B-Billing Determinants

# SAN DIEGO GAS AND ELECTRIC COMPANY Reliability Service Revenue Data to Reflect Changed Rates<sup>1</sup> Rate Effective Period - Twelve Months Ending December 31, 2015

	Line	No.	L L	7	ω	4	5	9	7	8	6	10	11	12	13	14	15	
l) s to Date	erminants	Demand (kW)	ı				25,974,932				1,008,966		•		2,045,484		29,029,381	
(M) 12 Months to Date	Billing Determinants	Energy (kWh)	7,695,400,994		1,933,615,356		10,025,413,173			82,920,181	232,512,927		91,891,088		1		20,061,753,719	
		Customer Classes	Residential Customers		Small Commercial		Medium-Large Commercial/Industrial		Agricultural	Schedules PA and TOU-PA	Schedule PA-T-1		Street Lighting		Standby Customers		TOTAL	
	Line	No.		7	ω	4	<u>v</u>	9	~	∞	6	10	11	12	13	14	15	

Notes:

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Forecasted systems delivery determinants provided for 12 months ending December 31, 2015 modified to identify Schedules PA, TOU-PA and PA-T-1 in the new proposed agricultural customer class.

Statement BG - RS 2015.xls-Billing Determinants-12 Month

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# SAN DIEGO GAS AND ELECTRIC COMPANY Reliability Service Revenue Data To Reflect Changed Rates Rate Effective Period - Twelve Months Ending December 31, 2015

				(¥)	(B)		0	ê	(E)	Ð	6)	Ð		E	6	(K)	(T)	ŚW	
Residential Customers         s         182,482         s         139,734         s         139,995         s         138,421         s         148,471         s         148,971         s         148,973         148,973         148,973 </th <th>n e</th> <th></th> <th></th> <th>Jan-15</th> <th>Feb-15</th> <th></th> <th>Mar-15</th> <th>Apr-15</th> <th>May-15</th> <th>Jun-15</th> <th>Jul-15</th> <th>Aug-15</th> <th></th> <th>Sep-15</th> <th>Oct-15</th> <th>Nov-15</th> <th>Dec-15</th> <th>Total</th> <th>Line No.</th>	n e			Jan-15	Feb-15		Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15		Sep-15	Oct-15	Nov-15	Dec-15	Total	Line No.
	(	Residential Customers	\$			-		139,995	138,421		-						\$ 169,747	\$ 1,923,850	
Modium-Large Commercial/Industrial         40,403         39,167         33,532         38,861         40,307         141,543         45,088         44,162         47,772         43,104         41,628         155,970         194,576         114,526         115,970         114,526         115,970         115,970         194,576         115,970         194,576         115,970         194,576         115,970         194,576         115,990         157,90	1 m r	Small Commercial		43,448	41,65		41,133	39,905	40,788	42,780	46,785	46,	407	50,121	44,649	41,977	42,427	522,076	N-m-r
Demand Kevenues         I+1,722         I+1,722         I+1,521         I+1,531         I+1,532         I+1,532         I+1,532         I+1,532         I+1,532         I+1,532         I+1,532         I+1,532         I+1,632         I+1,532         I+1,532         I+1,632         I+1,532         I+1,532         I+1,632         I+1,532         I+1,632         I+1,642         I+1,632         I+1,632         I+1,642         I+1,642         I+1,642         I+1,642         I+1,642         I+1,642         I+1,642	+ ~ ~ ~ +	Medium-Large Commercial/Industrial Energy Revenues		40,403	39,16	2	38,632	38,861	40,307	41,893	45,088	44	162	47,772	43,104	41,628	40,253	501,271	
Agricultural Schedules PA and TOU-PA         731         739         746         899         1,089         1,323         1,484         1,462         1,559         1,302         1,073           Schedules PA-T-1         719         714         713         812         981         1,135         1,484         1,462         1,559         1,302         937           Schedules PA-T-1         719         714         713         812         981         1,135         1,266         1,089         1,693         937           Schedule PA-T-1         704         1,249         1,242         1,249         1,249         1,580         1,680         1,680         1,680         1,680         1,680         1,626         1,680         1,680         1,626         1,680         1,626         1,680         1,626         1,680         1,626         2,509         2,509         2,579         2,563         3,104         3,435         3,469         2,579         2,563         2,563         2,504         1,680         1,626         1,626         1,626         1,626         1,626         1,626         1,626         1,626         1,626         1,626         1,626         1,626         1,626         1,626         1,626         1,626	~ ∞	Lemand Revenues Total	1	141,792	17,08	215	174,882	175,472	181,858	147,543 189,436	203,701	199,	550	215,907	194,876	145,940	141,123	1,762,740 2,264,011	~
Schedule PA-T-1         719         714         713         812         981         1,135         1,256         1,207         1,268         1,089         937           Demand Revenues         1,249         1,242         1,236         1,249         2,094         2,001         1,890         937           Demand Revenues         1,968         1,702         1,969         2,179         2,179         2,094         2,091         1,890         937           Demand Revenues         1,968         1,952         2,683         3,104         3,435         3,301         3,469         2,979         2,563         2,563         2,563         2,563         2,563         2,563         2,563         2,563         2,563         2,563         2,563         2,563         2,563         2,563         2,563         2,563         2,513         2,513         2,513         2,513         5,113	6 2 1 2	Ag		731	73:	6	746	899	1,089	1,323	1,484	1,	462	1,559	1,302	1,073	863	13,267	<u>∽ 9 ⊟ 6</u>
Total         1,968         1,956         1,952         2,683         3,104         3,435         3,301         3,469         2,979         2,563           Street Lighting         1,678         1,594         1,593         1,563         1,563         1,644         1,563         1,644         1,578         1,602           Standby Revenues         5,113 <th>15 13</th> <td>Schedule PA-T-1</td> <td><i>10</i> 10</td> <td>719 1,249</td> <td>71. 1,24:</td> <td>4 (1</td> <td>713 1,239</td> <td>812 1,410</td> <td>981 1,702</td> <td>1,135 1,969</td> <td>1,256 2,179</td> <td>2,1</td> <td>207 294</td> <td>1,268 2,201</td> <td>1,089 1,890</td> <td>937 1,626</td> <td>793 1,378</td> <td>11,626 20,179</td> <td></td>	15 13	Schedule PA-T-1	<i>10</i> 10	719 1,249	71. 1,24:	4 (1	713 1,239	812 1,410	981 1,702	1,135 1,969	1,256 2,179	2,1	207 294	1,268 2,201	1,089 1,890	937 1,626	793 1,378	11,626 20,179	
Street Lighting     1,578     1,553     1,563     1,622     1,644     1,578     1,578     1,602       Standby Revenues     5,113 <t< td=""><th>9 1</th><td></td><td></td><td>1,968</td><td>1,95</td><td>9</td><td>1,952</td><td>2,222</td><td>2,683</td><td>3,104</td><td>3,435</td><td>Э,</td><td>301</td><td>3,469</td><td>2,979</td><td>2,563</td><td>2,171</td><td>31,805</td><td>24</td></t<>	9 1			1,968	1,95	9	1,952	2,222	2,683	3,104	3,435	Э,	301	3,469	2,979	2,563	2,171	31,805	24
Standby Revenues     5,113     5,11	<u>~ ∞ 0</u>			1,678	1,59	4	1,593	1,555	1,563	1,622	1,644	<b>"</b>	563	1,644	1,578	1,602	1,661	19,297	
TOTAL 8 417,614 \$ 387,881 \$ 378,352 \$ 365,159 \$ 371,514 \$ 388,827 \$ 429,130 \$ 428,540 \$ 467,445 \$ 408,974 \$ 388,867	282	Standby Revenues		5,113	5,11		5,113	5,113	5,113	5,113	5,113	5,	113	5,113	5,113	5,113	5,113	61,356	- (1 (
	52		ŝ					365,159	371,514								\$ 403,359	\$ 4,835,662	न-क्ष- 

Statement BG - RS 2015.xls-Summary of Revs @ Changed Rates

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Sintement BG

SAN DIEGO GAS AND ELECTRIC COMPANY Reliability Service Revenue Data To Reliect Channed Rates Rate Effective Period - Tweive Montus Entling December 31, 2015

- 7		, Lis	No.		N 10 1	4 47 4	0 - 80	9 = 9	2 12 3	1 IS
(W)		Reference		Statement BG, Page 2, Line 1	Statement BG, Page 2, Line 3	Statement BG, Page 2, Line 5	Statement BG, Page 2, Line 8 Statement BG, Page 2, Line 9	Statement BG, Page 2, Line 11	Statement BG, Page 2, Line 13	Sum Lines 1, 3, 5, 8, 9, 11 & 13
	2	minants	Demand (kW)	•	•	2,173,355	98,463	•	170,457	2.343.812
6	Jun-15	Billing Determinants	Energy (kWh)	581,798,026	158,444,108	837,855,708	8,267,259 22,703,171	7,721,750	-	1,585,819,591
	Si	cruinants	Demand (kW)		•	2,086,474	85,129	•	170,457	2,256,931
( <u></u>	/ May-15	Billing Determinants	Energy (KWh)	553,683,978	151,065,555	806,130,425	6,805,686 19,621,165	7,444,183	•	1,518,324,141
	S	minants	Demand (kW)	•	•	2,013,196	70,205	•	170,457	2,183,653
ē	Apr-15	Billing Determinants	Energy (KWh) Demond (KW)	559,978,753	147,794,650	777,216,366	5.616,154 16,240,070	7,403,951	•	1,492,393,720
	S	minants	Demand (kW)	•	•	2,006,403	61,959	•	170,457	2,176,860
Q	Mar-15	Billing Determinants	Energy (kWh)	735,157,113	152,343,247	772,638,349	4,662,798	7,587,504	•	1,544,300,486
	5	minants	Demand (kW)	•	•	2,031,724	62,085		170,457	2,202,181
Ð	Feb-15	Billing Determinants	Energy (kWh)	638,937,293	154,281,962	783,346,677	4,620,252 14,289,761	7,592,395	-	1,584,158,327
	\$		(Wh) Demand (kW)		•	2,090,373	62,442		170,457	2,260,830
Ø	J <b>m-</b> 15	Billing Deter	Energy (kWh)	729,926,255	160,919,538	808,068,538	4,566,218 14,371,632	7,990,215	•	1.706.904.545
1			Customer Classes	Residential Customers	Small Commercial	Medium-Lurge Commercial/Industrial	Agricultural Schedules PA and TOU-PA Schedule PA-T-1	Street Lighting	Standby Customers	15 TOTAL
_		Line	ġ		101		0 0 0 0	2 = 2	1 12 2	īΣ

<del></del>	S, Inc.	22			ត ដ ដ ដ ដ		3 8
[W]	Reference	Sutement BL, Page 1, Line 1, CoL A	Statement BL, Page 1, Line 3, Col. A	Statement BL, Page 1, Line 5, Col. A	Statement BL, Page 1, Line 8, Col. A Statement BL, Page 1, Line 9, Col. A	Statement BL, Page 1, Line 11, Col. A	
Si	mission Rates Demand (kW)						
Jun-15	Changed Trans Energy (KWh)	<b>\$</b> 0.00025	S 0.00027	\$ 0.00005	5 0.00016 5 0.00005	\$ 0.00021	
5	Changed Transmission Rates Changed Transmission Rates Energy (KWh) Dennard (KW) Energy (KWh) Dennard (KW						
(#) May-15	Changed Trans Energy (kWh)	\$ 0.00025	s 0.00027	\$ 0,0005	\$ 0.00016 \$ 0.00005	<b>5</b> 0.00021	
2	nission Rates Demand (kW)					-	
Apr-15	Changed Transmission Rates Energy (KWh) Demand (KW)	0.00025	0.00027	s 0.00005	0.00016	0.00021	
~		<u> </u>					
Mar-15	Changed Transmission Rates Energy (kWh) Demand (kW)	0.00025	0.00027	0.00005	0.00016	0.00021	
	ission Rates Demand (kW)	<u>ч</u>	<u> </u>				
Feb-15	Channed Transmission Rates Energy (kWh) Demand (kW)	0.00025	0.00027	0,00005	0.00016 0.00005	0.00021	
	ssion Rates (	5	8	\$		5	
Jan-15	Changed Transmission Rates Energy (kWh) Demond (kW)	0.00025	0.00027	0.00005	0.00016	0.00021	
	Customer Classes Er	Residential Customers	Small Commercial	Medium-Large Commercial/Industrial 5	Agricultural Schedules PA and TOU-PA 5 Schedule PA-T-1 5	Street Lighting	Standby Customers
	Linc No.	6 Reside	18 Small		23 Agric		

(W)		1 1			34&2	54 & 23		Line 28	7, 39 &	
		Reference	Line 1 × Line 16	Line 3 x Line 18	Statement BG, Page 8, Lines 4 & 23	Line 8 x Line 23 Statement BG, Page 9, Lines 4 & 23	Line 7 × Line 26	Statement BG, Page 10, Line 28	Sum Lines 29, 31, 33, 36, 37, 39 & 41	
		nged Rates Demand (kW)			5 147,543	\$ 1,969		\$ 5,113	\$ 152,656	
6	Jun-15	Revenues @ Channed Paies Revenues @ Channed Ruts Basery (AWh) Demand (AW) Demand (AW	145,450	42,780	41,893 \$	525,1 261,1	1,622	•	231,744	
$\mathbb{H}$		18	"	ŝ	5	8 8 8	'n	5,113 5	<u>∽</u>	-
	5	meed Rate			\$ 141,551	\$ 1,702		s.1	\$ 146,664	
9	May-15	venues @ Ch	138,421	40,788	40,307 \$	1,089 981	1,563	•	221.078	
		8 8 1 1 1	~	ŝ	ю	""	5	•	<u> </u>	
	5	meed Rates Demand (kW			\$ 136,611	\$ 1,410		\$ 5,113 \$	5 141,724	
ê	Apr-15	evenues @ Chu	566,961	39,905	38,861 5	899	1,555	•	215.022	
		25	<u> </u>	s	10	""	n	•	-	
		nged Rates bemand (kW			136,250	1,239		5,113	141,363	
(0)	Mar-15	cvenues @ Cha	152,933	41,133	38,632	746	1,593	•	234,291	
		۳¤ S	\$	S	<b>s</b>	**	n	5,113 5	8	
	2	nged Rates Demand (KV			\$ 137,920 \$	5 1,242		5 5,11	S 143,033	
Ð	Feb-15	venues @ Cho	159,734	41,656	39,167 \$	739	1,594	•	242,152 5	
		2 문	5	5	5		'n	'n	2	
		nned Rates Demand (KW			141,792	1,249		5,113	146,905	
(¥)	Jun-15	evenues @ Chr erey (kWh) D	182,482	43,448	40,403	167 19	1,678		268.011 \$	
		ч Ц Ц	s	ŝ	"		'n	n	5	
		Customer Classes	Residential Customers	Small Commercial	Aedium-Large Commercial/Industrial	35 Agricultural 36 Schedules PA and TOU-PA 37 Schedule PA-T-1	Street Lighting	Standby Customers	TOTAL	

Statement BG - R\$ 2015.xta-A- Revenues@Changed Rates

SAN DIEGO DAS AND ELECTRIC COMPANY Reliability Service Revenue Dan To Reflect Changed Rates Rate Effective Period - Tweive Months Ending December 31, 2015

		Т	ģ		10,1	<b>4</b> vî v	0100	2 = 9	22;	4 N
Ŵ		Reletence		Statement BG, Page 3, Line 1	Statement BG, Page 3, Line 3	Statement BG, Page 3, Line 5	Statement BG, Page 3, Line 8 Statement BG. Page 3, Line 9	Statement BG, Page 3, Line 11	Statement BG, Page 3, Line 13	Sum Lines 1, 3, 5, 8, 9, 11 & 13
T	~	ninants	Demand (kW)	•	•	2,080,959	68,876	•	170.457	2251,416
ອ	Dec-15	Billing Determinants	Energy (kWh) Demand (kW)	678,987,006	157,136,404	805,052,640	5,391,594 15,864,677	7,909,458		1.649.085.508
		ninants	Demand (kW)	,	•	2,151,984	81,306		170.457	2 322 441
S	Nov-15	Billing Determinants	Energy (kWh) Demand (kW)	595,885,524	155,471,057	832,554,172	6,705,853 18,737,852	7,628,236		1.591.538.990
		ninants	Demand (kW)	•	•	2,235,787	94,503	•	170,457	2,406.244
ε	Oct-15	Billing Determinants	Energy (kWh) Demand (kW)	633,906,990	165,367,008	862,089,202	8,134,958	7,512,481		1,668,875,681
		ninents	Demand (kW)	•	•	2,477,092	110.011	;	170,457	2,647,549
e	Scp-15	Billing Determinants	Energy (kWh) Demand (kW)	758,523,528	185,634,865	955,447,241	9,742,551 25,364,321	7,828,007		1.907.433.640
	-	ninants	Demand (kW)	•	•	2290,562	104,724	•	170.457	2.461.019
£	Aug-15	Billing Determinants	Energy (kWh) Demand (kW)	684,170,668	112,978,171	883,249,653	9,134,534 24,147,372	7,444,704		1.746.744.536
		ninants	Demand (kW)		•	2337,022	108,958		170,457	2.507.479
Ð	St-IuC	Billing Determinants	Energy (kWh)	125 128 1299	173,277,451	901,764,203	9 <i>272.</i> 324 25,127,731	7,828,205		1.750.741.446
•			Customer Classes	Residential Customers	Small Commercial	Medium-Large Commercial/Industrial	Agricultural Schedules PA and TOU-PA Schedule PA-T-1	Street Lighting	Standby Customers	14 TOTAL

		Line	No.	9	18	2 8 2	ត ព គ	12	ង ន ទ	9 R
W		Reference		Statement BL, Page 1, Line 1, Col. A	Statement BL, Page 1, Line 3, Col. A	Statement BL, Page 1, Line 5, Col. A	Steienment BT Press 1 Time & Cal A	Slatement BL, Page 1, Line 9, Col A	Statement BL, Page 1, Line 11, Col. A	
3	Dee-15	Changed Transmission Rates	Energy (kWh) Domand (kW)	52	an a	SO		05	12	
	A	Changed Tr	Energy (kW)	S 0.00025	\$ 0.00027	S0000.0	, 1000	s 0.00005	\$ 0.00021	
	2	ission Rates	Demand (kW)							
8	Nov-15	Changed Transmission Rates	Energy (kWh)	0.00025	0.00027	0.00005	210000	0.0005	0.00021	
		-	hemand (kW)	\$		и			<u>и</u>	
6	Oct-15	Changed Transmission Rates	Energy (kWh) Demand (kW) Energy (kWh) Demand (kW)	0.00025	0.00027	0.00005	0,00016	0.00005	0,00021	
			1 1	S	5	5			и	
e	Sep-15	Changed Transmission Rates	Energy (KWh) [ Demand (KW) Energy (KWh) [ Demand (KW)] Energy (KWh) [ Demand (KW)]	22000.0	0.00027	0.00005	00016	0.00005	12000.0	
	<u>د</u>		Demand (kW)	\$		и				
Ð	Aug-15	Changed Transmission Rates	Energy (kWh)	0.00025	0.00027	0.00005		0.00005	0.00021	
		ission Rates	Demand (KW)	s	<u>.</u>				20	
6	Jul-15	Changed Transmission Rates	Energy (KWh)	0.00025	0.00027	0.00005	0 00016	0,00005	0.00021	
		1	Customer Classes	16 Residential Customers S	Small Commercial	Medium-Large Commercial/Industrial	Agricultural Schedules DA and TOTLPA	shedule PA-T-1 S	25 Street Lighting \$	Standby Customers
		Line	No.	S Renic	17 18 Smal	_	<u> </u>		Stree	28 Stan

Statement BG - RS 2015.xis-B-Revenues@Changed Rates

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# SAN DIEGO GAS AND ELECTRUC COMPANY Reliability Service Revenue Dan to Reflect Changed Rates Rate Effective Period - Twelve Months Ending December 31, 2015 Medium-Large Commercial/Industrial Customers

Description	Jan-15		Feb-15	Mar-15	Apr-15	Mav-15	Jun-15	Jul-15	Aug-15	Scp-15	Oct-15	Nov-15	Dec-15	Total	Reference	ź
Energy Revenues Commodity Sales - kWh Commodity Rate - sCWH	808,068,538 0.00005	783 S	783,346,677 7 0 00005 \$	772,638,349 0.00005 \$	777,216,366	806,130,425 \$ 0.00005	837,855,708 \$ 0 00005 5	901,764,203 \$ 0.00005 \$	883,249,653 0 00005 \$	955,447,241 0.00005 \$	862,089,202	832,554,172 0 00005	805,052,640 5 0 00005	10,025,413,173	Statement BG, Pages 2 & 3, Line 5 Statement BI. Pages 1 inn 5, Col A	- ~ ~
Total Commodity Revenues				38,632	38,861	40.307	41,893	45,088	44,162	47.772	43,104		40,253	501,271	Line 2 x Line 3	141
<u>Non-Coincident Demand - (KW).</u> Secondary	1.636	636 937	1 601 706	1.586.583	1.581.928	1.636.243	1.714.128	1.839.163	1.805.448	1.950.934	1.762.547	1.682.100	1.626.710	20.424.426	Statement BG. Page 12. Line 125 x 1000	~ v v
Primary	331		322,665	318,621	319,750	331,384	345,229	371,277	363,838	393,431	355,157	341,866	330,583	4,125,774	Statement BG, Page 12, Line 126 x 1000	. 00
Transmission	121	121,464	107,353	101,199	111,519	118,847	113,998	126.583	121,276	132,727	118,083	128,018	123,666	1,424,732	Statement BG, Page 12, Line 127 x 1000	\$
Total	2.090.373		2.031.724	2.006.403	2,013,196	2,086,474	2,173,355	2,337,022	2,290.562	2.477,092	2,235,787	2,151,984	2.080.959	25,974,932	Sum Lines 7, 8, 9	2
Check Figure	2,090,373		2,031,724	2,006,403	2,013,196	2,086,474	2,173,355	2,337,022	2,290,562	2,477,092	2,235,787	2,151,984	2,080,959	25,974,932		=
Difference						·							·		Line 10 Less Line 11	<u>1</u> -6
Non-Coincident Demand Rates Per (\$/KW):																1 4
Secondary Drimetry	<i></i>	0.07 5	0.07 \$	0.07	0.07	S 0.07	S 0.07	S 0.07 S	0.07 5	0.07	0.07 3	0.0	S 0.07		Statement BL, Page 1, Lune 5, Col. D Statement BL, Page 1, Line 5, Col. C	<u>a</u> v
Transmission	64	0.06 \$	0.06 \$	0.06	0.06	\$ 0.06	S 0.06	s 0.06 5	0.06	0.06	0.06	0.06	\$ 0.06		Statement BL, Page 1, Line 5, Col. B	5
Revenues at Changed Rates:																
Secondary	s 11	14,586 \$	112,119 \$	111,061 5	3 110,735 5	S 114,537	\$ 119,989 3	<b>S</b> 128,741 <b>S</b>	126,381 S	136,565 <b>5</b>	5 123,378 5	S 117,747	S 113,870	<b>S</b> 1,429,709	Line 7 x Line 15 $r = -2$	8
rumary Transmission		7.288	00c,81	6.072	6.691	7.131	6.840	7.595	7.277	7.964	7.085	7.681	7.420	85.485	Line 9 x Line 17	3 2
Total	\$ 141	5	137.920 S	136.250 S	136,611		S 147,543	<b>\$</b> 158,613 <b>\$</b>	s 155,488 \$	s 168,135 \$	151.772	•	\$ 141,125	<b>S</b> 1.762,740	Sum Lines 20, 21, 22	2
Total Revenues at Changed Rates	<b>S</b> 182	182,195 \$	177.087 \$	174,882 S	175,472	S 181,858	\$ 189,436 \$	\$ 203.701 \$	\$ 199,650 \$	\$ 215,907 \$	\$ 194.876 \$	187.568	\$ 181,378	\$ 2,264,011	Line 4 + Line 23	5 3

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Statement BG - RS 2015.xls-Med & Lrg C-I Customers

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10/22/2014

						Relia Rate Effe	bility Service Reve ctive Period - Twel Schedule	Reliability Service Revenue Data to Reflect Changed Rates Rate Effective Period - Twelve Months Ending December 31, 2015 Schedule PA-T-I Customers	tt Changed Rates (December 31, 20) s	15					
Line No. Description	J. Ja	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Scp-15	Oct-15	Nov-15	Dec-15	Total	Reference
<ol> <li>Energy Revenues</li> <li>Commodity Sales - kWh</li> <li>Commodity Rate - SkWh</li> </ol>	5 14	14,371,632 0.00005 \$	14,289,761 0.00005 \$	14,259,910 0.00005 5.	16,240,070	19,621,165 0.00005 \$	22,703,171 0.00005 \$	25,127,731 0.00005	24,147,372 0.00005 \$	25,364,321 0.00005 \$	21,785,265 0.00005 \$	18,737,852 0.00005	15,864,677 0 00005	232,512,927	Statement BG, Pages 2 & 3, Line 9 Statement BI, Pages 1 tine 9 Col A
4 Total Commodity Revenues		719	714	713	812	186		1,256			1.089			11.626	Line 2 x Line 3
5 6 Non-Coincident Demand - (KW);														·	
7 Secondary 8 Primary		52,481 9,961	52,187 9,898	52,064 9,895	59,559 10,946	72,210 12,919	83,723 14,740	92,759 16,199	89,061 15,663	93,480 16,537	80,243 14,260	68,916 12,390	58,175 10,701	854,859 154,107	Statement BG, Page 12, Line 151 x 1000 Statement BG, Page 12, Line 152 x 1000
9 Transmission		•								•		•	. '		Statement BG, Page 12, Line 153 x 1000
10 Total		62,442	62,085	61,959	70,505	85,129	98,463	108,958	104,724	110,017	94,503	81,306	68,876	1.008,966	Sum Lines 7, 8, 9
11 Check Figure		62,442	62.085	61.959	70,505	85,129	98,463	108,958	104,724	110,017	94,503	81,306	68,876	1,008,966	
12 Difference		,	'	'	'	1	'				'	'			Line 10 Less Line 11
13 14 Non-Coincident Demand Rates Per (\$/KW)	الم ا														
15 Secondary	ŝ	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02		Statement BL, Page 2, Line 9, Col. D
	S	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02		Statement BL, Page 2, Line 9, Col. C
	ŝ	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02 \$	0.02		Statement BL, Page 2, Line 9, Col. B
18 19 Revenues at Changed Rates:															
20 Secondary	\$	1,050 \$	1,044 S	1,041 \$	1,191 \$	1,444 S	1,674 \$	1,855 \$	1,781 \$	I,870 \$	-i	1,378 \$	1,164 S	17,097	Line 7 x Line 15
21 Primary		199	198	198	219	258	295	324	313	331	285	248	214	3,082	Line 8 x Line 16
Πæ		•	'		'	- 1		•					,		Line 9 x Line 17
23 Total	5	1.249 \$	1.242 S	1.239 \$	1,410 \$	1,702 \$	1,969 \$	2,179 \$	2,094 \$	2.201 \$	1.890 \$	1,626 \$	1.378 \$	20,179	Sum Lines 20, 21, 22
25 Total Revenues at Changed Rates	s	1.968 S	1.956 \$	1,952 \$	2,222 S	2,683 \$	3.104 S	3,435 \$	3,301 \$	3,469 S	2,979 \$	2,563 \$	2,171 \$	31,805	Line 4 + Line 23

Statement BG - RS 2015.xis-PA-T-1 Customers

Statement - BG

# SAN DIEGO GAS AND ELECTRIC COMPANY Reliability Service Revenue Data to Reflect Channel Rates

Line No.

N m 4

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10/22/2014

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	je je	- 4 6 4	ŝ		<u>, 0 0</u>	11	<u>1</u> -2	-4-3	16	17	-18-	0-0-0-
	L Reference	Statement BG, Page 12, Line 171 x 1000 Statement BG, Page 12, Line 172 x 1000 Statement BG Page 12, Line 173 x 1000	Sum Lines 2; 3; 4	Line 5 Less Line 6	Statement BL, Page 1, Line 13, Col. D	Statement BL, Page 1, Line 13, Col. C	Statement BL, Page 1, Line 13, Col. B	Line 2 x Line 10	Line 3 x Line 11	Line 4 x Line 12	Sum Lines 15; 16; 17	Line 18
	Total	119,388 1,199,340 726 756	2,045,484 2,045,484					3,576	35,976	21,804	61,356	61,356
	Dec-15	9,949 99,945 60,563	170,457 170,457	1	0.03	0.03	0.03	298 \$	2,998	1,817	5,113 \$	5,113 S
	Nov-15	9,949 99,945 60.563	170,457 170,457			0.03	0.03	298 \$	2,998	1,817	5,113 \$	<u>5,113</u> S
	Oct-15	9,949 99,945 60.563	170,457 170.457			0.03	0.03	298	2,998	1,817	5,113	5,113 S
ANY ged Rates nber 31, 2015	Sep-15	9,949 99,945 60.563	170,457 170,457		0.03	0.03	0.03	298	2,998	1,817	5,113	5,113 \$
CTRIC COMP to Reflect Chan s Ending Decer mers	Aug-15	9,949 99,945 60.563	170,457 170,457		0.03	0.03	0.03	298	2,998	1,817	5,113	\$ 2,113 5,113
AND ELE Revenue Data 1 Twelve Month Standby Custo	Jul-15	9,949 99,945 60.563	170,457 170,457		0.03	0.03	0.03	298	2,998	1,817	5,113	<b>\$</b>
SAN DIEGO C Ibility Service ] ective Period -	Jun-15	9,949 99,945 60.563	170,457 170,457					\$ 298	2,998	1,817	<b>\$</b> 5,113	\$ 5,113
Reliz	May-15	9,949 99,945 60.563	170,457 170,457					\$ 298	2,998	1,817	\$ 5,113	\$ 5,113 
	Apr-15	9,949 99,945 60.563	170,457 170.457			0.03	0.03	\$ 298	2,998	1,817	\$ 5,113	s 5,113
	Mar-15	9,949 99,945 60.563	170,457 170,457		\$ 0.03			\$ 298	2,998	1,817	\$ 5,113	\$ 5,113 2,113
	Feb-15	9,949 99,945 60.563	170,457	-	<b>\$</b> 0.03			\$ 298	2,998	1,817	\$ 5,113	\$ 5,113
	Jan-15	9,949 99,945 60.563	170,457		\$ 0.03			\$ 298	2,998		\$ 5,113	\$ 5,113
	Line No. Description	1 <u>Demand - Billing Deterninants (KW).</u> 2 Secondary 3 Primary 4 Transmission	5 Total 6 Check Figure	7 Difference	9 Demand Rates Per (S/KW): 10 Secondary		12 Transmission 13	Rei	16 Primary	sion	Total	19 20 Total Revenues at Changed Rates
	SAN DIEGO GAS AND ELECTRIC COMPANY Reliability Service Revenue Data to Reflect Changed Rates Rate Effective Period - Twelve Months Ending December 31, 2015 Standby Customers	SAN DIEGO GAS AND ELECTRIC COMPANY         Reliability Service Revenue Data to Reflect Changed Rates         Rate Effective Period - Twelve Months Ending December 31, 2015         Rate Effective Period - Twelve Months Ending December 31, 2015         Standby Customers         Description       Jan-15       Feb-15       May-15       Jun-15       Jun-15       Sep-15       Oct-15       Mov-15       Total	SAN DIEGO GAS AND ELECTRIC COMPANY Reliability Service Revenue Data to Reflect Changed Rates Rate Effective Period - Twelve Months Ending December 31, 2015 Standby Customers       Rate Effective Period - Twelve Months Ending December 31, 2015         Description       Jan-15       Feb-15       Mar-15       Mar-15       Jun-15       Aug-15       Sep-15       Oct-15       Total       Reference         Demand - Billing Determinants (KW):       9.949	SAN DEGO GAS AND ELECTRIC CONPANY Reliability Service Revenue Data to Reflect Changed Rates Rate Effective Period - Twelve Months Ending December 31, 2015           Description         Jan-15         Feb-15         Mar-15         Jul-15         Jul-15         Aug-15         Sep-15         Oct-15         Nov-15         Dec         Total         Reference           Description         Jan-15         Feb-15         Mar-15         Mar-15         Jul-15         Jul-15         Sep-15         Oct-15         Nov-15         Dec         Jotal         Reference           Description         Jan-15         Feb-15         Mar-15         Jul-15         Jul-15         Aug-15         Sep-15         Oct-15         Nov-15         Dec         Jotal         Reference           Description         Jan-15         Feb-15         Mar-15         Jul-15         Jul-15         Aug-15         Sep-15         Oct-15         Nov-15         Dec         Jul-15         Total         Reference           Description         9.949         9.949         9.949         9.949         9.949         9.949         9.949         9.949         9.949         9.949         9.949         9.949         9.949         9.949         Jul-15         Total         Total         Total         Total	SAN DEGO GAS AND ELECTRIC COMPARY Reliability Service Revenue Data to Reflect Changed Rates Rate Effective Period - Twelve Months Ending December 31, 2015 Staddby Customers         Staddby Customers           Description         Jan-15         Feb-15         Mar-15         Jun-15         Jul-15         Aug-15         Mar-15         Jul-15         Aug-15         Staddby Customers           Demand - Billing Determinants (KXN)         9,949         17,943         17,943         12,943         12,917         100         17,000	Sand DEGO GAS AND ELECTRIC COWPANY Rationity Service Revenue Date to Reflect Changed Tates Rationity Service Revenue Date to Reflect Changed Tates Rationity Service Revenue Date to Reflect Changed Tates Rationity Service 11, 2015 Standby Customers         Sandby Customers           Detaring Determinents RRM         Jun-15         Jou-15         Jou-15	SAN DEGO GAS AND ELECTRIC COMPANY Reliability Service Reveue Data to Reflect Compace Rates Repetitive Fordot - Twelve Month Ending December 31, 2015 Standby Customers         Sandby Customers           Reliability Service Reveue Data to Reflect Compace Rates Repetitive Fordot - Twelve Month Ending December 31, 2015 Standby Customers         Jan-15         Apr-15         Jan-15         Jan-15	SAN DEGO GAS AND ELECTRIC COMPANY Relability some Revenue Notice Revenue Notice Revenue 131 2015           Compact Revenue Notice Revenue	Sav DEGO GAS AVD ELECTRIC COMPANY Reliability Service Reveau Pata to Reflect Changed Tates Reliability Service Reveau Month Bata (Reflect Changed Tates Randby Customers)         Sav DEGO GAS AVD ELECTRIC COMPANY Reliability Service Reveau Month Bata (Reflect Changed Tates Randby Customers)           Image: The Effective Periol. The Prior Tates Randby Customers)         Image: Tates Standby Customers)         Image: Tates Standby Customers)         One-15         Total         Total           Standby Customers         Standby Customers         Standby Customers)         Standby Customers         Standby Customers         Standby Customers           Standby Customers         Standby Customers         Standby Customers         Standby Customers         Standby Customers         Standby Customers           Standby Customers         Standby Customers         Standby Customers         Standby Customers         Standby Customers         Standby Customers           Standby Customers         Standby Customers         Standby Customers         Standby Customers         Standby Customers         Standby Customers           Standby Customers         Standby Customers         Standby Customers         Standby Customers         Standby Customers         Standby Customers           Standby Customers         Standby Customers         Standby Customers         Standby Customers         Standby Customers         Standby Customers           Standby Customers <td>Sand DEC GAS AND ELECTRIC CONDARY Reliability Service Renue Data Not Braine Rate Effective Folds Fraine Rate Effective Folds - Tevlere Month Braine Rate Rate Rate Rate Rate Rate Effective Folds - Tovlere Month Braine Rate</td> <td>Start DECORDANY Relative Product Note: The Effective Product Note: Start Note:</td> <td>SubTDEC OAG AND ELECTICIC COMPANY Relativity records Review Fraid-Link Priorie Review Fraid-Review Fraid-Link Priorie Review Fraid-Review Fraid-Review Fraid-Review Fraid-Review Fraid-Review Fraid-Review Fraid-Review F</td>	Sand DEC GAS AND ELECTRIC CONDARY Reliability Service Renue Data Not Braine Rate Effective Folds Fraine Rate Effective Folds - Tevlere Month Braine Rate Rate Rate Rate Rate Rate Effective Folds - Tovlere Month Braine Rate	Start DECORDANY Relative Product Note: The Effective Product Note: Start Note:	SubTDEC OAG AND ELECTICIC COMPANY Relativity records Review Fraid-Link Priorie Review Fraid-Review Fraid-Link Priorie Review Fraid-Review Fraid-Review Fraid-Review Fraid-Review Fraid-Review Fraid-Review Fraid-Review F

Statement BG - RS 2015.xls-Standby Customers

			Line No.	x 1000 2 Col. A 3 3	4
		(JJ)	Reference	Statement BG, Page 12, Line 9 x 1000 Statement BL, Page 1, Line 15, Col. A Line 2 x Line 3	10/22/2014
		Ś	Total	37,274	
		Ð	Dec-15	3,177 \$ 0.00024 1	
		(K)	Noy-15	3,062 \$ 0.00024 1	
	S	6	Oct-15	3,033 1 \$ 0.0024 1	
	MPANY hanged Rates scember 31, 201: mer	6	Sep-15	0 3,179 4 \$ 0.00024 1 1	
Statement - BG	SAN DIEGO GAS AND ELECTRIC COMPANY Reliability Service Revenue Data to Reflect Changed Rates Rate Effective Period - Tweive Months Ending December 31, 2015 City of Escondido - Wholesale Customer	Æ	Aug-15	77 3,020 24 \$ 0.00024 1 1	<del></del>
Stateme	GGO GAS AND rvice Revenue I riod - Tweive M of Escondido -	9	Jul-15	49 3,197 24 \$ 0.00024 1 1	
	SAN DIF Reliability Se ate Effective Pe City	(F)	Jun-15	37 3,149 24 \$ 0.00024 1 1	
	2	(E)	May-15	14 3,037 24 \$ 0.00024 1	
		ê	Apr-15	90 3,014 24 \$ 0.00024 1 1	
		( <u>)</u>	Mar-15	3,090 34 \$ 0.00024 1 1	
		(B)	Feb-15	249 3,068 024 \$ 0.00024 1 1	istomer
		(¥)		3,249 \$ 0.00024 1	uxis-Wholesale Cu
			Description	<u>Energy Revenues</u> Commodity Sales - kWh Commodity Rate - S/kWh Total Commodity Revenues	Statement BG - RS 2015.xls-Wholesale Customer
			Line No.	- 0 m 4	

Residential Small Commercial Med. & Lange Comm./Ind. (AD) Med. & Lange Comm./Ind. (AC) Med. & Lange Comm./Ind. (AF-TOU) Med. & Lange Comm./Ind. (AF-TOU) Adriculture (PA-T-1) Liphting State for the PA-T-1) Liphting Liphting State Schedule Billing Determinants State Schedule Billing Determinants Total Deliveries (MMD) Total Deliveries (MMD) Woh @ Frimary Service % @ Transmission Service	<u>Jan-15</u> 150,920 3,165 4,565 4,565 4,565 1,7325,846 1,725,846 1,725,846 1,725,846 1,725,846 3,186 3,186 3,186 0,000% 0,000% 0,000% 0,000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,000%	Feb-15         589,337         154,282         31,456         589,337         154,282         31,456         33,156         34,550         4,650         7,4,520         7,4,5	Mar-15 152,343 152,343 3,181 5,0824 5,0824 5,0824 5,0824 1,553,225 3,181 3,181 3,181 3,181 3,181 0,000% 0,000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000%	Apr-15 559,979 147,755 3,055 3,055 5,616 5,616 5,616 5,616 1,6240 7,4270% 0,000% 0,000% 0,000% 0,000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000%	Mav-15 553,864 151,066 7,1322 6,1362 6,1521 7,444 7,444 3,145 3,14453,1445 3,1445 3,14453,1445 3,1445 3,1445 3,14453,1445 3,1445 3,14453,1445 3,1445 3,14453,1445 3,1445 3,14453,1445 3,1445 3,14453,1445 3,1445 3,14453,14453,1445 3,14453,1445 3,14453,1445 3,14453,14453,1445 3,14453,14453,1445 3,14453,14453,1445 3,14453,14453,1445 3,14453,1445 3,14453,14453,14453,14453,1455 3,14553,14553,14555555555555555555555555555555555555	Jun-15 561,769 158,444 3,2776 776,715 2,2773 7,772 3,2773 1,05,00% 0,000% 0,000% 0,000% 0,000% 0,000% 0,000% 0,000% 0,000% 0,00% 0,000% 0,000% 0,000% 0,000% 0,000% 0,000% 0,00%	Jul-16 667,872 173,277 3,475 9,2729 9,2729 9,2729 9,2725 7,5145 7,5145 7,5145 7,5145 7,5145 7,5145 7,5145 7,5145 7,5145 7,425 9,425 9,425 9,3,425 9,427 9,425	Aute-15 684,177 171,880 3,480 3,480 2,4147 2,4147 7,445 3,480 3,480 100,00% 2,00% 2,00% 3,480 2,480 3,480 2,3,480 0,000% 3,480 0,0000% 0,0000% 0,0000% 0,00000% 0,00000%	<b>Sep-15</b> 155,635 155,635 3,773 67,745 9,773 9,773 9,745 9,745 9,745 9,743 9,773 9,77	CCL15 533,907 15,357 15,357 15,357 2,1785 7,785 7,755 7,755 7,755 7,755 7,755 7,755 7,755 7,755 7,755 7,755 7,556 7,357 7,357	Nov-15 595,866 15,771 3,100 723,428 6,705 6,705 6,705 6,705 3,100 3,100 0,00% 0,000% 0,000% 0,000% 0,0000% 0,0000%	Dec-15 9:73,325 9:73,325 1:7,325 2:97 5:392 5:392 5:392 7:5,985 7:5,985 7:5,985 7:5,985 7:5,987 2:997	7.685,401 1,933,615 9.24,682 9.24,682 9.24,682 23,151 38,115 39,115 9.20,005 1,000 0,000% 0,0000% 0,0000% 0,0000% 0,0000% 0,0000%
MW @ Primary Service MW @ Transmission Service	0.000 0.000 13.602	0.000 0.000 13.475	0.000 0.000 13.581	0.000 0.000 1300 1350 1350	0.000	0.000	0.000	0.00 1000 1	0.000 0.000 154	0.000	0.000	0.000	0.000

10/2/2/014

Statement BG - RS 2015.vis-Forecast Determine

2444444	Schedules AL-TOU / AY-TOU / DG-R/OL-TOU: Total Delivertes (MWh) Total Delivertes (%) % @ Scondary Service % @ Transmission Service % @ Transmission Service	Jan-15 741,628 79,48% 18,99% 1.53% 100,00%	Feb-15 725,591 79,48% 18,99% 1.53% 100.00%	Mar-15 718,633 79,48% 18,99% 1.53% 100,00%	Apr-15 718,756 79,48% 18,99% 1.53% 100,00%	<u>Mav-15</u> 741,382 79.48% 1.53% 1.53%	<u>Jun-15</u> 776,715 79.48% 18.99% 1.53% 100.00%	<u>Jul-15</u> 833,549 79.48% 18.99% 1.53% 100.00%	Aug-15 818,079 79.48% 18.99% 1.53% 100.00%	Sep-15 883,913 79.48% 1.53% 1.53%	<u>Oct-15</u> 798,693 79,48% 18,99% 1.53% 100,00%	<u>Nov-15</u> 762,428 79,48% 16,99% 1.53% 100,00%	Dec-15 737,323 79,48% 16,99% 1.53% 100,00%	<u>Total</u> 9,254,592 79,48% 16,99% 1 <u>53%</u>
64 63 53 53 53 53 53 53	Total Deliveries (MWh) MWh @ Secondary Service MWh @ Frimary Service MWh @ Transmission Service Mun-Coincident Demand (%) k @ Secondary Service % @ Primary Service	589,446 589,446 140,835 11.347 741,628 0.2754% 0.2226%	576,700 576,700 137,790 11.102 725,591 725,591 0.2754%	571,170 136,468 10,995 718,633 718,633 0.2754%	569,678 569,678 10, <u>966</u> 716,756 0.2754% 0.2226%	589,251 589,251 140,789 741,382 0.2754% 0.2226%	617,333 147,498 <u>11,884</u> 776,715 0.2754%	662,505 158,291 12,753 833,549 833,549 0.27754%	650,209 155,353 12.517 818,079 0.2754% 0.2754%	702,534 167,855 13,524 883,913 0.2754% 0.2754%	634,801 151,672 12,220 798,693 0,2754%	605,978 144,785 11,665 762,428 0.2754% 0.2226%	586,025 140,018 11,281 737,323 0,2226%	7,355,629 1,757,466 141,597 9,254,692 0,2754% 0,2726%
2826665885	% @ Iransmission Service Non- <u>Coincident Demand (MW)</u> MW @ Perinary Service MW @ Transmission Service On-Peak Demand (%)	0.1919% 1,623 313 22 1,958.509	0.1919% 1,588 307 21 1,916.254	0.1919% 1,573 304 1,897,880	0.1519% 1,569 303 1,892.922	0.1518% 1,623 313 22 1,957.959	0.1515% 328 23 2,051.272	0.1919% 352 352 24 2,201.367	0.1919% 1,791 345 24 2,160.511	0.1919% 374 2,334.377	0.1919% 338 238 2,109.314	0.1919% 322 22 2013.540	0.1919% 312 312 1,947.239	0.1519% 20,257.402 3,912.119 2,441.246 24,441.246
56 67 68 69 70 68	% @ Secondary Service % @ Primary Service % @ Transmission Service Dn-Peak Demmand (MV) MWV @ Secondary Service	0.2255% 0.2068% 0.3132% 1,329.201	0.2255% 0.2068% 0.3132% 1,300.457	0.2255% 0.2068% 0.3132% 1,287.988	0.2255% 0.2068% 0.3132% 1,284.623	0.2512% 0.2272% 0.3092% 1,480.198	0.2512% 0.2272% 0.3092% 1,550.741	0.2512% 0.2272% 0.3092% 1,664.212	0.2512% 0.2272% 0.3092% 1,633.325	0.2512% 0.2272% 0.3092% 1,764.766	0.2512% 0.2272% 0.3092% 1,594.621	0.2255% 0.2068% 0.3132% 1,366.480	0.2255% 0.2068% 0.3132% 1,321.485	0.2390% 0.2175% 0.3111% 17,578.098
222228	MW @ Primary Service MW @ Transmission Service	291.247 <u>35.539</u> 1,655.987	284.949 34.770 1,620.177	282.217 34.437 1,604.641	281.480 34.347 1,600.450	319.872 35.073 1,835.143	335.116 <u>36.745</u> 1,922.602	359.637 <u>39.433</u> 2,063.282	352.962 <u>38.701</u> 2,024.989	381.367 41.815 2,187.949	344.598 37.784 1,977.004	299.416 <u>36.535</u> 1,702.431	289.557 <u>35.332</u> 1,646.374	3,822,417 <u>440,512</u> 21,841.027

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10/22/2014

Statement BG - RS 2015.ds-Forecast Determinants

<u>Total</u> 731,606	0.00% 13.88% <u>86.12%</u> 100.00%	0 101,547 <u>630,059</u> 731,606	0.0000% 0.2104% 0.1830%	0.000 213.655 1.153.008 1,366.663	0.0000% 0.1530% 0.1451%	0.000 155.316 <u>914.277</u> 1,069.594	<u>Total</u> 10,025,413	7,394,745 1,859,013 <u>771,656</u> 10,025,413	20,424,426 4,125,774 <u>1.424,732</u> 25,974,932
Dec-15 64,732	0.00% 13.88% <u>86.12%</u> 100.00%	0 8,985 <u>55.747</u> 64,732	0.0000% 0.2104% 0.1830%	0.000 18.904 102.018 120.922	0.0000% 0.1365% 0.1423%	0.000 12.264 <u>79.328</u> 91.593	<u>Dec-15</u> 805,053 1	589,022 149,003 <u>67,028</u> 805,053 1	1,626.710 2 330.583 123.666 2,080.959 2
<u>Nov-15</u> 67,026	0.00% 13.88% <u>86.12%</u> 100.00%	0 9,303 <u>57,723</u> 67,026	0.0000% 0.2104% 0.1830%	0.000 19.574 1 <u>05.633</u> 125.207	0.0000% 0.1365% 0.1423%	0.000 12.699 <u>82.140</u> 94.838	<u>Nov-15</u> 832,554	609,078 154,088 <u>69.388</u> 832,554	1,682.100 1 341.868 128.018 2,151.984 2
<u>Oct-15</u> 60,046	0.00% 13.88% <u>86.12%</u> 100.00%	0 8,334 <u>51,712</u> 60,046	0.0000% 0.2104% 0.1830%	0.000 17.536 <u>94.632</u> 112.168	0.0000% 0.1687% 0.1478%	0.000 14.060 <u>76.430</u> 90.490	<u>Oct-15</u> 862,089	638,151 160,006 <u>63,932</u> 862,089	1,762.547 1 355.157 <u>118.083</u> 2,235.787
<u>Sep-15</u> 67,751	0.00% 13.88% <u>86.12%</u> 100.00%	0 9,404 <u>58.347</u> 67,751	0.0000% 0.2104% 0.1830%	0.000 19.786 <u>106.775</u> 126.560	0.0000% 0.1687% 0.1478%	0.000 15.864 <u>86.237</u> 102,101	<u>Sep-15</u> 955,447	706,318 177,259 <u>71,871</u> 955,447	1,950.934 1 393.431 132.727 2,477.092 2
<u>Aug-15</u> 61,711	0.00% 13.88% <u>86.12%</u> 100.00%	0 8,566 <u>53,146</u> 61,711	0.0000% 0.2104% 0.1830%	0.000 18.022 <u>97.257</u> 115.279	0.0000% 0.1687% 0.1478%	0.000 14.450 <u>78.550</u> 93.000	<u>Aug-15</u> 883,250	653,668 163,919 <u>65,662</u> 883,250	1,805.448 1 363.838 121.276 121.276 2,290.562 2
<u>Jul-15</u> 64,790	0.00% 13.88% <u>86.12%</u> 100.00%	0 8.993 <u>55.797</u> 64,790	0.0000% 0.2104% 0.1830%	0.000 18.921 <u>102.109</u> 121.030	0.0000% 0.1687% 0.1478%	0.000 15.171 82.468 97.639	<u>Jul-15</u> 901,764	665,930 167,284 <u>68.551</u> 901,764	1,839.163 1 371.277 126.583 2,337.022 2
<u>Jun-15</u> 57,864	0.00% 13.88% <u>86.12%</u> 100.00%	0 8,031 <u>49,832</u> 57,864	0.0000% 0.2104% 0.1830%	0.000 16.898 <u>91.193</u> 108.091	0.0000% 0.1687% 0.1478%	0.000 13.549 <u>73.652</u> 87.201	<del>JUN-15</del> 837,856	620,610 155,530 <u>61,716</u> 837,856	1,714.128 345.228 113.998 2,173.355
<u>Mav-15</u> 61,599	0.00% 13.88% <u>96.12%</u> 100.00%	0 8,550 <u>53,049</u> 61,599	0.0000% 0.2104% 0.1830%	0.000 17.989 <u>97.080</u> 115.069	0.0000% 0.1687% 0.1478%	0.000 14.424 <u>78.407</u> 92.830	<u>Mav-15</u> 806,130	592,400 149,338 <u>64,392</u> 806,130	1,636.243 331.384 118.847 2,086.474
<u>Apr-15</u> 57,408	0.00% 13.88% <u>86.12%</u> 100.00%	0 7.968 <u>49.439</u> 57,408	0.0000% 0.2104% 0.1830%	0.000 16.765 <u>90.474</u> 107.239	0.0000% 0.1365% 0.1423%	0.000 10.877 7 <u>0.352</u> 81.229	<u>Apr-15</u> 777,216	572,730 144,080 <u>60,405</u> 777,216	1,581.928 319.750 <u>111.519</u> 2,013.196
<u>Mar-15</u> 50,824	0.00% 13.88% <u>86.12%</u> 100.00%	0 7.054 <u>43.770</u> 50,824	0.0000% 0.2104% 0.1830%	0.000 14.843 <u>80.099</u> 94.942	0.0000% 0.1365% 0.1423%	0.000 9.629 62.285 71.914	<u>Mar-15</u> 772,638	574,350 143,523 <u>54,765</u> 772,638	1,586.583 318.621 101.199 2,006.403
<u>Feb-15</u> 54,600	0.00% 13.88% <u>86.12%</u> 100.00%	0 7,578 <u>47,022</u> 54,600	0.0000% 0.2104% 0.1830%	0.000 15.945 <u>86.049</u> 101.995	0.0000% 0.1365% 0.1423%	0.000 10.345 <u>66.912</u> 77.256	<u>Feb-15</u> 783,347	579,855 145,368 <u>58,123</u> 783,347	1,601.706 322,665 107.353 2,031.724
<u>Jan-15</u> 63,255	0.00% 13.88% <u>96.12%</u> 100.00%	0 8,780 <u>54,475</u> 63,255	0.0000% 0.2104% 0.1830%	0.000 18.473 <u>99.689</u> 118.162	0.0000% 0.1365% 0.1423%	0.000 11.984 <u>77.518</u> 89.502	<u>Jan-15</u> 808,069	592,632 149,615 <u>65,822</u> 808,069	1,636.937 331.972 121.464 2,090.373
Schedule A6-TOU: Total Deliveries (MWh)	<u>Total Delivertes (%)</u> % © Secondary Service % © Transmission Service % © Transmission Service	<u>10aul Leutrates Immun</u> MWM @ Secondary Service MWM @ Transmission Service MWM @ Transmission Service	Nen-Ceincident Demand (%) & @ Secondary Service & @ Primary Service & @ Transmission Service	<u>Non-Coincident Demand IMW)</u> MW @ Secondary Service MW @ Transmission Service	Colincident Peak Damand 1%) % © Secondary Service % © Transmission Service	Colincident Peak Demand (MW) MW @ Primary Service MW @ Transmission Service	Med. & Large Comm./ind. Total Service Voltage Determinants Deliveries (MWh) Med & Large Comm./ind.	Delitvertes (MWD) MWh @ Secondary Service MWh @ Primary Service WWh @ Transmission Service	Nen-contectent Demand (MW) MW @ Secondary Service MW @ Transmission Service
	2828888						 	5 <u>5 5 5 5 5</u> 5	

Statement BG - RS 2015.xts-Forecast Determinents

Schedule PA-T-1: Total Deliveries (MWh) 14,372	Total Deliveries (%)         .         86.51%           % @ Secondary Service         13.49%           % @ Transmission Service         10.00%	ce Nice	Non-Celincident Demand (%)	Non-Coincident Demand (NW) MW @ Secondary Service 52.481 MW @ Transmission Service 52.442 62.442	011-Pest Demand L%) & @ Secondary Service & @ Transmission Service 0.0000%	00-Peak Demand (MW) 25.264 MW @ Primary Service 5.440 MW @ Primary Service 5.440 MW @ Transmission Service 3.2.124	Schedule S: Standby Determinants: Jan-15	Contracted Standby Demand (MW) 9 949 MW @ Primary Service 99.945 MW @ Transmission Service 60.553 170.457	
<u>Feb-15</u> 14,290	86.52% 13.48% 0.00% 100.00%	12,364 1,926 14,290	0.4221% 0.5139% 0.0000%	52.187 9.898 0.000 62.085	0.2114% 0.3013% 0.0000%	26.137 5.803 0.000 31.940	Feb-15	9.949 99.945 <u>60.563</u> 170.457	A STATE AND A S
<u>Mar-15</u> 14,260	86.50% 13.50% 0.00% 100.00%	12,334 1,925 14,260	0.4221% 0.5139% 0.0000%	52.064 9.895 0.000 61.959	0.2114% 0.3013% 0.0000%	26.075 5.801 0.000 31.876	Mar-15	9.949 99.945 <u>60.563</u> 170.457	法国际和法律
<u>API-19</u> 18,240	86.88% 13.12% <u>0.00%</u> 100.00%	14,110 2,130 16,240	0.4221% 0.5139% 0.0000%	59.559 10.946 <u>0.000</u> 70.505	0.2114% 0.3013% 0.0000%	29.829 6.417 0.000 36.248	Apr-15	9.949 99.945 <u>60.563</u> 170.457	<b>三百百百</b> 百百百百百百百百百百百百百百百百百百百百百百百百百百百百百百百百百
<u>19,621</u>	87.19% 12.81% 0.00% 100.00%	17,107 2,514 19,621	0.4221% 0.5139% 0.0000%	72.210 12.919 0.000 85.129	0.1631% 0.3050% 0.0000%	27.902 7.667 0.000 35.569	Mav-15	9.949 99.945 <u>60.563</u> 170.457	のないたいないない
22,703	87.37% 12.63% 0.00% 100.00%	19,835 2,868 2 22,703	0.4221% 0.5139% 0.0000%	83.723 14.740 <u>0.000</u> 98.463	0.1631% 0.3050% 0.0000%	32.351 8.748 <u>0.000</u> 41.099	Jun-15	9.949 99.945 <u>60.563</u> 170.457	あるというないのない
<u>25,128</u>	87.46% 12.54% <u>0.00%</u> 100.00%	21,975 3,152 25,128	0.4221% 0.5138% 0.0000%	92.759 16.199 <u>0.000</u> 108.958	0.1631% 0.3050% 0.0000%	35.842 9.614 0.000 45.456	<u>Jul-15</u>	9.949 99.945 <u>60.563</u> 170.457	
<u>Aug-16</u> 24,147	87.38% 12.62% <u>0.00%</u> 100.00%	21,100 3,048 24,147	0.4221% 0.5139% 0.0000%	89.061 15.663 <u>0.000</u> 104.724	0.1631% 0.3050% 0.0000%	34.413 9.296 0.000 43.709	<u>Aug-15</u>	9.949 99.945 <u>60.563</u> 170.457	Participation of the second
25,384	87.31% 12.69% 0.00% 100.00%	22,146 3,218 25,364	0.4221% 0.5139% 0.0000%	93.480 16.537 0.000 110.017	0.1631% 0.3050% 0.0000%	36.121 9.815 <u>0.000</u> 45.935	Sep-15	9.949 99.945 <u>60.563</u> 170.457	
21,785	87.26% 12.74% 0.00% 100.00%	19,010 2,775 21,785	0.4221% 0.5139% 0.0000%	80.243 14.260 <u>0.000</u> 94.503	0.1631% 0.3050% 0.0000%	31.005 8.464 <u>0.000</u> 39.469	<u>Oct-15</u>	9.949 99.945 <u>60.563</u> 170.457	
18,738	87.13% 12.87% 0.00% 100.00%	16,327 2,411 18,738	0.4221% 0.5139% 0.0000%	68.916 12.390 0.000 81.306	0.2114% 0.3013% 0.0000%	34.515 7.264 <u>0.000</u> 41.779	Nov-15	9.949 99.945 <u>60.563</u> 170.457	
15,865	86.87% 13.13% 0.00 <u>%</u> 100.00%	13,782 2,082 15,865	0.4221% 0.5139% 0.0000%	58.175 10.701 0.000 68.876	0.2114% 0.3013% 0.0000%	29.136 6.274 <u>0.000</u> 35.410	Dec-15	9.949 99.945 <u>60.563</u> 170.457	「たい」では、
232,513	87.10% 12.90% 0.00% 100.00%	202,525 29,988 0 232,513	0.4221% 0.5139% 0.0000%	854,859 154,107 0,000 1,008,966	0.1825% 0.3035% 0.0000%	369.611 91.003 <u>0.000</u> 460.614	Total	119.388 1,199.340 726.756 2,045.484	

Statement BG - RS 2015.xis-Forecast Determinants

10/22/2014

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# Statement – BH Revenue Data to Reflect Present Rates

Docket No. ER14-\_\_\_\_

# Reliability Service (RS) Revenue Data to Reflect Changed Rates<sup>1</sup> Rate Effective Period - Twelve Months Ending December 31, 2015 SAN DIEGO GAS AND ELECTRIC COMPANY

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		Line	No.	-	<u>0 0 5</u>	<del>4</del> v v	0 1 0	<u>ه م</u>	2 =	
	Jun-15	Jun-15 Billing Determinants	Demand (kW)			2,271,818		170,457	2,442,275	
Ð			Energy (kWh) Demand (kW)	581,798,026	166,711,366	860,558,879	7,721,750		2,342,060 1,616,790,021	
	15	rminants	Demand (kW)		-	2,171,603		170,457	2,342,060	
(E)	May-15	Billing Determinants	Energy (kWh)	553,683,978	157,871,242	825,751,591	7,444,183		1,544,750,993	
_	15	Apr-10 Billing Determinants	minants	Demand (kW)			2,083,701		170,457	2,254,158
ê	Apr-1		Energy (kWh) Demand (kW)	559,978,753	153,410,805	793,456,436	7,403,951		2,238,818 1,514,249,945	
	Mar-15	Billing Determinants	Demand (kW)			2,068,361		170,457	2,238,818	
(C)			Energy (kWh) Demand (kW)	611,73-1,387	157,006,045	786,898,259	7,587,504		1,563,223,194	
	Feb-15	rminants	Demand (kW)			2,093,810		170,457	2,264,267	
(B)		Billing Determinants	Energy (kWh) Demand	638,937,293	158,902,214	797,636,438	7,592,395		1,603,068,339	
	5	minants				2,152,815		170,457	2,323,272	
(Y)	Jan-15	Billing Determinants	Energy (kWh) Demand (kW)	729,926,255	165,485,756	822,440,169	7,990,215		1,725,842,395	
		- <b>I</b>	Customer Classes	Residential Customers	Small Commercial <sup>2</sup>	Medium-Large Commercial/Industrial	Street Lighting	Standby Customers	10 11 TOTAL	
		Line	No.	1	<u>0</u> m	4 v v	0 1 0		2 1	

Notes:

<sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2015.

<sup>2</sup> Consistent with current FERC rate design, the Small Commercial customer class includes Schedules PA and TOU-PA.
 <sup>3</sup> Consistent with current FERC rate design, the Medium-Large Commercial customer class includes Schedule PA-T-1.

Statement BH - RS 2015.xls - A-Billing Determinants

# Reliability Service Revenue Data to Reflect Changed Rates<sup>1</sup> Rate Effective Period - Twelve Months Ending December 31, 2015 SAN DIEGO GAS AND ELECTRIC COMPANY

		Line	őZ	- (	4 m 4	t-m-u	· ·	۰ o ;	2 =		
	5		Demand (kW)			2,149,836		170,457	2,320,293		
( <u>1</u> )	Dec-15	Billing Determinants	Energy (kWh) Demand (kW)	678,987,006	162,527,998	820,917,317	7,909,458		2,403,747 1,670,341,779		
(	15	erminants	Demand (kW)			2,233,290		170,457			
(K)	Nov-15	Billing Determinants	Energy (kWh) Demand (kW)	595,885,524	162,176,910	851,292,024	7,628,236		2,500,747 1,616,982,694		
	5	minants		minants	Demand (kW)			2,330,290		170,457	2,500,747
(f)	Oct-15	Oct-15 Billing Determinants	Energy (kWh) Demand (kW)	633,906,990	173,501,966	883,874,468	7,512,481		1,698,795,904		
	5	rminants	Demand (kW)			2,587,109		170,457	2,757,566		
Ξ	Sep-15	Billing Determinants	Energy (kWh) Demand (kW)	758,523,528	195,377,416	980,811,562	7,828,007		1,942,540,513		
	5	rminants	Demand (kW)			2,395,286	_	170,457	2,565,743		
(H)	Aug-15	Billing Determinants	Energy (kWh) Demand	684,170,668	181,014,045	907,397,024	7,444,704		2,616,437 1,780,026,441		
	2	rminants	Demand (kW)	 : 		2,445,980		170,457	2,616,437		
6	Jul-15	Billing Determinants	Energy (kWh) Demand (kW)	667,871,587	182,549,775	926,891,934	7,828,205		1,785,141,501		
		<u> </u>	Customer Classes	Residential Customers	Small Commercial <sup>2</sup>	Medium-Large Commercial/Industrial	Street Lighting	Standby Customers	10 11 TOTAL		
		Line	No.	(		4 v) v	0 - 0		2 :		

Notes:

<sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2015.

<sup>2</sup> Consistent with current FERC rate design, the Small Commercial customer class includes Schedules PA and TOU-PA. <sup>3</sup> Consistent with current FERC rate design, the Medium-Large Commercial customer class includes Schedule PA-T-1.

Statement BH - RS 2015 xls - B-Billing Determinants

## Reliability Service (RS) Revenue Data to Reflect Present Rates<sup>1</sup> Rate Effective Period - Twelve Months Ending December 31, 2015 SAN DIEGO GAS AND ELECTRIC COMPANY

12 MORTHS to Date	
Billing Determinants	
Energy (kWh)	
7,695,400,994	
2,016,2	
10,257,926,101	Medium-Large Commercial/Industrial <sup>3</sup>
91,891,088	
20,061,753,719	
	Billing D Energy (kWh) 7,695,400,994 2,016,535,537 10,257,926,101 91,891,088 91,891,088

Notes:

<sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2015.

<sup>2</sup> Consistent with current FERC rate design, the Small Commercial customer class includes Schedules PA and TOU-PA.
 <sup>3</sup> Consistent with current FERC rate design, the Medium-Large Commercial customer class includes Schedule PA-T-1.

Statement BH - RS 2015.xls - Billing Determinants-12 Month

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## SAN DIEGO GAS AND ELECTRIC COMPANY Reliability Service (RS) Revenue Data To Reflect Present Rates Rate Effective Period - Twelve Months Ending December 31, 2015

	Line No.	- (	1 " "	t v	9	7	~	9 0I	12	13
(M)	Total	2,231,666	584,795		1,333,530	1,349,194	2,682,724	22,973	40,908	5,563,067
(J)	Dec-15	196,906 \$	47,133		106,719	107,491	214,210	1,977	3,409	463,636 \$
+		2 2	-			2	ς Ω	2	<u>6</u>	\$ 2
(K)	Nov-15	\$ 172,807	47,031		110,66	111,665	222,33	1,907	3,409	\$ 447,487 \$
6	Oct-15	183,833	50,316		114,904	116,514	231,418	1,878	3,409	470,853 \$
		219,972 \$	6		90	55	13	12	6	\$ 88
ε	Sep-15	\$ 219,97	56,659		127,50	129,355	256,861	1,957	3,409	\$ 538,858 \$
(H)	Aug-15	. 198,409	52,494		117,962	119,764	237,726	1,861	3,409	493,899 \$
		8 0	6		6	6	5	1	6	<del>ره</del> ۲
6	Jul-15	193,683	52,939		120,49	122,299	242,795	1,957	3,409	\$ 494,783
(F)	Jun-15	168,721	48,346		111,873	113,591	225,464	1,930	3,409	447,871
(E)	May-15	160,568 \$	45,783		107,348	108,580	215,928	1,861	3,409	427,549 \$
ê	Apr-15	162,394 \$	44,489		103,149	104,185	207,334	1,851	3,409	419,477 \$
0	Mar-15	177,402 \$	45,532		102,297	103,418	205,715	1,897	3,409	\$ 433,955 \$
		185,292 \$	82		93	16	84	1,898	3,409	445,064 \$
æ	Feb-15		46,082		103,693	104,691	208,384	1,8	3,4	\$ 445,0
()	Jan-15	211,679 \$	47,991		106,917	107,641	214,558	1,998	3,409	479,634 \$
		69				•				ŝ
	Customer Class	1 Residential Customers	Small Commercial	Medium-Large Commercial/Industrial	Energy Revenues	Demand Revenues	Total	Street Lighting	Standby Revenues	TOTAL
	Line No.	1 6	1	 t vo	9	7	8	<u>د م</u>	12	13

Statement BH - RS 2015.xls - Summary of Revs @ Present Rates

10/22/2014

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SAN DIEGO GAS AND ELECTRUC COMPANY Reliability Service (RS) Revenue Data To Reflect Present Rates Rate Effective Period - Tweive Months Ending December 31. 2015

Jan-15         Feb-15         Mat-15           Jan-15         Jan-15         Feb-15         Mat-15           Customer Classes         Billing Determinants         Billing Determinants         Billing Determinants           Customer Classes         Bulling Determinants         Billing Determinants         Billing Determinants           Ial Customers         729,926,355         638,937,293         611,731,387         Billing Determinants           Ial Customers         729,926,355         638,937,293         611,731,387         -           Ian Customers         155,485,756         158,902,214         157,006,045         -           Jurge Commercial         155,485,756         158,902,214         157,006,045         -           Jurge Commercial/Industrial         822,440,169         2,152,815         797,635,438         2,093,810         738,7504           Quaters         7,990,215         7,579,353         2,093,810         7,583,536         170,457           Large Commercial/Industrial         822,440,169         2,152,815         797,636,438         2,093,810         7,387,504           Customers         170,457         7,593,335         7,093,310         7,394,504         -           Large Commercial/Industrial         170,457         7,544,577
Customer Classes Residential Customers Small Commercial Medium-Large Commercial/Industrial Street Lighting Standby Customers TOTAL
Customer Classes Residential Customers Small Commercial Medium-Large Commercial/Industrial Street Lighting Standby Customers TOTAL
Customer Classes Residential Customers Small Commercial Medium-Large Commercial/Industrial Street Lighting Standby Customers TOTAL
Customer Classes Residential Customers Small Commercial Medium-Large Commercial/Industrial Street Lighting Standby Customers TOTAL
Customer Classes Residential Customers Small Commercial Medium-Large Commercial/Industrial Street Lighting Standby Customers TOTAL
Customer Classes Residential Customers Small Commercial Medium-Large Commercial/Industrial Street Lighting Standby Customers TOTAL
Customer Classes Residential Customers Small Commercial Medium-Large Commercial/Industrial Street Lighting Standby Customers TOTAL
Customer Classes Residential Customers Small Commercial Medium-Large Commercial/Industrial Street Lighting Street Lighting TrOTAL

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Т		Line No.	· · · ·	14 13	ci 81 81		<u>8</u>
Ŵ		Reference	2014 RS Statement BG, Page 6, Line 12	2014 RS Statement BG, Page 6, Line 14	2014 RS Statement BG, Page 6, Line 16	2014 RS Statement BG, Page 6, Line 18	
	-15	mission Rates Demand (kW)					
£	Jun-15	Present Transmission Rates Energy (kWh) Demand (kW	\$ 0.00029	\$ 0.00029	\$ 0.00013	\$ 0.00025	
	-15	nission Rates Demand (kW)					
Ð	May-15	Present Transmission Rates Energy (kWh) Demand (kW)	\$ 0.00029	<b>S</b> 0.00029	\$ 0.00013	<b>S</b> 0.00025	
	15	uission Rates Demand (kW)					
ê	Apr-15	Present Transmission Rates         Present Transmission Rates           Energy (RWH)         Demand (RW)         Demand (RW)         Demand (RW)         Demand (RW)	S 0.00029	\$ 0.00029	\$ 0.00013	\$ 0.00025	
	15	ission Rates Demand (kW)					
0	Mar-15	Present Transmission Rates Energy (kWh)   Demand (kW)	\$ 0.00029	\$ 0.00029	\$ 0.00013	\$ 0.00025	
	15	ission Rates Demand (kW)					
(e)	Feb-1	Present Transm Energy (kWh)	<b>\$</b> 0.00029	\$ 0.00029	S 0.00013	s 0.00025	
	15	Present Transmission Rates Present Trans Energy (kWh) Demand (kW) Energy (kWh)					
(A)	Jan-15	Present Transn Energy (kWh)	\$ 0.00029	\$ 0.00029	\$ 0.00013	\$ 0.00025	
		Customer Classes	12 Residential Customers	14 Small Commercial	16 Medium-Large Commercial/Industrial S	18 Street Lighting	20 Standby Customers
		Line No.	121	144	1 2 1	2 22 2	2 2

	(A)			(E)		0		ê	6		B		Ð	W	
	Jan-15	15	щ	Feb-15		Mar-15	15	Apr-15	-15	4	May-15	]n	Jun-15		
1	Revenues @ P	Revenues @ Present Rates	Revenues @	@ Present Rates	$\left  \right $	Revenues @ Present Rates	resent Rates	Revenues @ Present Rates	Present Rates	Revenues	Revenues @ Present Rates	+	Revenues @ Present Rates	Reference	Line
Customer Classes	Energy (kWh) Demand (kW) Energy (kWh)	Demand (kW)	Energy (kWI	h) Demand (kW)	(kW) E	ncrev (kWh)	Encrey (KWh) Demand (KW)	Energy (kWh)	Demand (kW)		(h) Demand (k)	Energy (kWh) Demand (kW) Energy (kWh) Demand (kW)	) Demand (kW)		ž
21 Residential Customers	\$ 211,679		\$ 185,292	32	69	177,402		<b>\$</b> 162,394		S 160,568	108	\$ 168,721		Linc 1 x Line 12	21
23 Small Commercial	\$ 47,991	,	\$ 46,082	82	\$	45,532		\$ 44,489		\$ 45,783	783	\$ 48,346	- 9	Line 3 x Line 14	ងដ
25 Medium-Large Commercial/Industrial \$	\$ 106,917 \$	\$ 107,641 \$	<b>\$</b> 103,693	93 \$ 104,691	4,691 \$	102,297	102,297 \$ 103,418 \$		103.149 S 104.185 S		107,348 \$ 108,580 \$		111,873 S 113,591	Statement BH, Page 7, Lines 4 & 23	* X X
27 Street Lighting	S 1,998		\$ 1,898	28	69	1,897		\$ 1,851		<b>S</b> 1,8	1,861	\$ 1,930	0	Line 7 x Line 18	223
29 Standby Customers		\$ 3,409		\$	3,409		\$ 3,409		\$ 3,409		\$ 3,409	6	\$ 3,409	Statement BH, Page 8, Line 20	នុន
-	\$ 368.584 S	S 111.050 \$	\$ 336,964	69	108.100 \$	327,128 \$	\$ 106,827 <b>\$</b>		311.883 \$ 107.594 \$		315.560 \$ 111.989 \$	10 S 330,87	1 \$ 117,000		3 15
33 Grand Total		\$ 479.634		\$ 44:	445.064		S 433,955		S 419,477		\$ 427.549	6	\$ 447,871		88

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Statement BH - RS 2015.xis - A- Revenues@Present Rates

10/22/2014

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SAN DIEGO GAS AND ELECTRIC COMPANY Reliability Service (RS) Revenue Data To Reflect Present Rates Rate Effective Period - Twelve Months Ending December 31, 2015

┝		Line	Ň		NM	4 10 7	9 1 9	× 0	9 3
W		Reference		Statement BH, Page 2, Line 1	Statement BH, Page 2, Line 3	Statement BH, Page 2, Line 5	Statement BH, Page 2, Line 7	Statement BH, Page 2, Line 9	Sum Lines 1, 3, 5, 7 & 9
	S	rminants	Demand (kW)	•		2,149,836	•	170,457	2,320,293
17	Dec-15	Billing Determinants	Energy (kWh)	678,987,006	162,527,998	820,917,317	7,909,458		1,670,341,779
	15	rminants	Demand (kW)	•	•	2,233,290	•	170,457	2,403,747
8	Nov-15	Billine Determinants	Eaergy (kWh) Demand (kW) Eaergy (kWh) Demand (kW) Energy (kWh) Demand (kW) Energy (kWh) Demand (kW)	595,885,524	162,176,910	851,292,024	7,628,236		2.500,747 1,616,982,694
	S	minants	Demand (kW)	•	•	2,330,290	•	170,457	2.500,747
9	Oct-15	Billing Determinants	Encrgy (kWh)	633,906,990	173,501,966	883,874,468	7,512,481		1,698,795,904
	5	rminants	Demand (kW)	•	•	2,587,109	•	170,457	2.757,566
E	Sep-15	Billing Determinants	Energy (kWh)	758,523,528	195,377,416	980,811,562	7,828,007		1.942.540.513
	5	Determinants		1	,	2,395,286	•	170,457	2,565,743
Ð	Aug-15	Billing Dete	Energy (KWh) Demand (KW) Energy (KWh) Demand (KW)	684,170,668	181,014,045	907,397,024	7,444,704		1,780,026,441
	5	aminants	Demand (kW)	٠		2,445,980	1	170.457	2,616,437
9	Jul-15	Billing Determinants	Energy (kWh)	667,871,587	182,549,775	926,891,934	7,828,205	·	1,785.141.501
			Customer Classes	Residential Customers	Small Commercial	Medium-Large Commercial/Industrial	Street Lighting	Standby Customers	TOTAL
		Line	ģ		1 M T	5 4 4	0 ~ 0	0 G G	2 =

		Line No.	e 12 12	c 14 14	e 16 15		20
Ŵ		Reference	2014 RS Statement BG, Page 7, Line 12	2014 RS Statement BG, Page 7, Line 14	2014 RS Statement BG, Page 7, Line 16	2014 RS Statement BG, Page 7, Line 18	
- ·	CT-30/T	Present Transmission Rates Energy (kWh) Demand (kW)					
	5	Present Trans Energy (kWh)	\$ 0.00029	\$ 0.00029	\$ 0.00013	\$ 0.00025	
(K)	<u>.</u>	Present Transmission Rates Energy (kWh) Demand (kW)					
		Present Trans Energy (kWh)	\$ 0.00029	\$ 0.00029	\$ 0.00013	\$ 0.00025	
	- - -	Present Transmission Rates Encrey (kWh) Demand (kW)					
9 10		Present Trans Energy (kWh)	\$ 0.00029	\$ 0.00029	\$ 0.00013	\$ 0.00025	
		ussion Kalcs Present Transmission Rales Present Transmission Rales Present Transmission Rales Present Transmission Rales Demand (kW) Demand (kW					
(I) 51 -3	- COC	Present Transt Energy (kWh)	\$ 0.00029	\$ 0.00029	\$ 0.00013	\$ 0.00025	
(H)		Fresent Iransmission Kates Present Transmission Rates Energy (kWh) Demand (kW) Energy (kWb) Demand (kW)	\$ 0.00029	\$ 0.00029	\$ 0.00013	\$ 0.00025	
(j		Present I ransmission Kales inergy (kWh) Demand (kW)	_				
(G)		Fresent I rans Energy (kWh)	\$ 0.00029	\$ 0.00029	S 0.00013	\$ 0.00025	
		Customer Classes	12 Residential Customers	14 Small Commercial	16 Medium-Large Commercial/Industrial \$	18 Street Lighting	20 Standby Customers
		No.	12 Resident	14 Small C	16 Medium	18 Street Li	20 Standby

	(1)	E			Ξ		6			ß		C)	(W)
Revenues @ Present Rates         Revenues @ Present Rates         Revenues @ Present Rates         Reference           Energy (AWN)         Demmad (AW)         Energy (AWN)         Demmad (AW)         Energy (AWN)         Demmad (AW)         Reference           \$ 133,833         \$ 172,807         \$ 196,906         Line 1 x Line 12         Line 3 x Line 12           \$ 50,316         \$ 47,031         \$ 10,6719         107,491         Line 3 x Line 14           \$ 114,904         116,514         \$ 110,668         111,665         \$ 10,7719         107,491           \$ 114,904         116,514         \$ 110,668         \$ 110,663         \$ 10,7719         107,491         Statement BH, Page 7, Line 18           \$ 114,904         116,514         \$ 110,668         \$ 110,663         \$ 10,7719         107,491         Line 7 x Line 18           \$ 114,904         \$ 116,514         \$ 110,668         \$ 11,977         \$ 3,409         Statement BH, Page 8, Line 20           \$ 3,409         \$ 3,409         \$ 3,32736         \$ 110,900         \$ 3,409         \$ 3,409         Statement BH, Page 8, Line 20           \$ 3,30930         \$ 119,902         \$ 115,074         \$ 3,32736         \$ 110,900         \$ 447,487         \$ 463,636	Jul-15 Aug-15 Sep-15			Scp-15	15		Oct	-15		Vov-15	å	~15	
Energy (cWh)         Demind (cW)         Energy (cWh)         Demind (cW)         Energy (cWh)         Demine (cW)           \$ 133,833         \$ 172,807         \$ 196,906         Line 1 x Line 12           \$ 50,316         \$ 47,031         \$ 196,906         Line 3 x Line 14           \$ 114,904         116,514         \$ 110,668         \$ 106,719         107,491         Line 3 x Line 14           \$ 114,904         116,514         \$ 110,668         \$ 106,719         107,491         Statement BH, Page 7, Lines 4 & 23           \$ 114,904         116,514         \$ 110,668         \$ 106,719         107,491         Statement BH, Page 8, Lines 20           \$ 1,878         \$ 3,409         \$ 3,30,913         \$ 3,32,413         \$ 3,32,736         \$ 3,409           \$ 332,413         \$ 115,074         \$ 3,32,736         \$ 110,900         \$ 447,487         \$ 463,636           \$ 470,853         \$ 116,074         \$ 332,736         \$ 110,900         \$ 447,487         \$ 463,636	Revenues @ Present Rates Revenues @ Present Rates Revenues @ Present Rates	resent Rates	-	Revenues @ Pro	12	scnt Rates	Revenues @	Present Rates	Revenues	@ Present Rates	+	Present Rates	Reference
S         183,833         S         172,807         S         196,906         Line I x Line 12           S         50,316         S         47,031         S         47,133         Line 3 x Line 14           129,355         S         114,904         116,514         S         110,665         S         107,491         Line 3 x Line 14           2,409         S         111,665         S         106,719         Natement BH, Page 7, Lines 4 & 23           3,409         S         1,907         S         3,409         Line 7 x Line 18           3,409         S         3,409         S         3,409         Line 7 x Line 18           3,409         S         3,409         S         3,409         Statement BH, Page 8, Line 20           3,2059         S         119923         S         3,409         Statement BH, Page 8, Line 20           33,868         S         S         3,409         Statement BH, Page 8, Line 20           3,405         S         3,409         Statement BH, Page 8, Line 20           3,405         S         3,409         Statement BH, Page 8, Line 20           3,405         S         3,409         Statement BH, Page 8, Line 20           3,405         S <th>Encrgy (kWh) Demand (kW)</th> <th>Demand (kW)</th> <th></th> <th>Energy (kWh)</th> <th></th> <th>Demand (kW)</th> <th>Encrgy (kWh)</th> <th>Demand (kW)</th> <th>Energy (kW</th> <th>h) Demand (k)</th> <th>ਰਿ</th> <th>Demand (kW)</th> <th></th>	Encrgy (kWh) Demand (kW)	Demand (kW)		Energy (kWh)		Demand (kW)	Encrgy (kWh)	Demand (kW)	Energy (kW	h) Demand (k)	ਰਿ	Demand (kW)	
S         5.0,316         S         47,031         S         47,133         Liac 3x Liac 14           129,355         S         114,904         116,514         S         111,665         S         106,719         107,491         Sutament BH, Page 7, Lines 4 & 23           S         114,904         116,514         S         110,668         111,665         S         107,491         Sutament BH, Page 7, Lines 4 & 23           3,409         S         1,907         S         1,977         Line 7x Line 18           3,409         S         3,409         S         3,409         Statement BH, Page 8, Line 20           3,409         S         3,3409         S         3,409         S         3,409           3,22,756         S         35,093         S         115,074         S         3,409           338,858         S         47,487         S         5         10,900	\$ 193,683 \$\$ 198,409 \$\$ 219,972	<u>~</u>					\$ 183,833	-		07			Line 1 x Line 12
129,355     \$ 114,904     116,514     \$ 110,668     \$ 106,719     107,491     Suatement BH, Page 7, Lints 4 & 23       \$     1,878     \$     \$ 1,907     \$ 1,907     \$ 1,977     Line 7 x Line 18       3,409     \$ 3,409     \$ 3,409     \$ 3,409     \$ 3,409     \$ 15,074     \$ 3,3409       132,764     \$ 350,330     \$ 119,923     \$ 332,413     \$ 115,074     \$ 352,736     \$ 110,900       538,858     \$ 47,487     \$ 447,487     \$ 447,487     \$ 463,636	\$ 52,494 \$ \$ 56,659	69					\$ 50,316		\$ 47,0	31	\$ 47,133		Line 3 x Line 14
S         1,878         S         1,907         S         1,977         Liae 7x Line 18           3,409         S         3,409         S         3,409         S         3,409           13,764         S         35,030         S         119,073         S         33,2413         S         115,074         S         3,409           533,858         S         47,487         S         347,487         S         463,636	25 Medium-Large Commercial/Industrial \$ 120,496 \$ 122,299 \$ 117,962 119,764 \$ 127,506	119,764 \$				129,355	-	116,514	-		\$		Statement BH, Page 7, Lines 4 & 23
3.409         \$ 3,409         \$ 3,409         \$ 3,409         \$ 3,409         \$ 1,409         \$ 1,409         \$ 1,409         \$ 1,5074         \$ 352,736         \$ 1,10,900         \$ 1,10,900         \$ 332,413         \$ 47,487         \$ 43,636         \$ 34,636         \$ 34,636         \$ 36,636         \$ 36,636         \$ 36,636         \$ 36,636         \$ 36,636         \$ 36,636         \$ 36,636         \$ 36,636         \$ 36,636         \$ 36,636         \$ 36,636         \$ 36,636         \$ 36,636         \$ 36,636 <th< td=""><td>\$ 1,957 \$ 1,861 \$ 1,957</td><td>8</td><td></td><td></td><td>~</td><td></td><td>\$ 1,878</td><td></td><td>\$ 1.9</td><td>02</td><td>\$ 1,977</td><td></td><td>Line 7 x Line 18</td></th<>	\$ 1,957 \$ 1,861 \$ 1,957	8			~		\$ 1,878		\$ 1.9	02	\$ 1,977		Line 7 x Line 18
132.064         S         350.930         S         119.923         S         332.413         S         115,074         S         352.736         S         110,900           538.858         S         470.853         S         447.487         S         463.636	S 3,409 5 3,409									\$ 3,40	6	\$ 3,409	Statement BH, Page 8, Line 20
\$ 470,853 \$ 447,487 \$ 463,636	S 369.075 S 125.708 S 370.726 S 123.173 S 406.094 S	\$ 123.173 \$	123.173 \$		-			\$ 119.923	s			s	
	\$ 494.783 \$ 493.899	\$ 493,899	\$ 493,899			\$ 538,858		\$ 470.853		S 447.48	7	\$ 463,636	

Statement BH - RS 2015.xls - B-Revenues@Present Rates

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	Reference	Shatement BH, Pages 1 & 2, Line 5 2014 RS Statement BH, Page 1, Line 5, Col. A Tion 2, Tion 2, Col. A		(Statement BH, Page 10, Lines 125 + 151) x 1000	(Statement BH, Page 10, Lines 120 + 152) x 1000 (Statement BH, Page 10, Lines 127 + 153) x 1000	Sum Lines 7; 8; 9	r 101 11		2014 RS Statement BL, Page 1, Line 5, Col. D	2014 RS Statement BL, Page 1, Line 5, Col. C	2014 KS Statement BL, Page 1, Line 5, Col. B		Lune / X Lune 13 Time R × Time 16		ซี	Line 4 + Line 23		
	Total	10,257,926,101		21,279,284	1,424,732	26,983,897	100,000,04					1000		71,236	\$ 1,349,194	\$ 2,682,724		
	Dec-15	820,917,317 \$ 0.00013 106 719		1,684,885	123,666	2,149,836 7 149,836	0.00 0.00 1.00		S 0.05	S 0.05				6,183	\$ 107,491	\$ 214,210		
	Nov-15	851,292,024 \$ 0.00013 110,668		1,751,016	128,018	2,233,290			S 0.05	S 0.05	cn.n	e 07 551	17.713	6,401	\$ 111,665	\$ 222,333		
	Oct-15	883,874,468 \$ 0.00013 114 904		1,842,790 369 417	118,083	2,330,290			\$ 0.05	\$ 0.05		¢ 02130	18.471	5,904	\$ 116,514	\$ 231.418		
ANY esent Rates nber 31, 2015 mers	Sep-15	980,811,562 0.00013 127 506		2,044,414 409 068	132,727	2,587,109 7,587,109			0.05	0.05	co.0	100 001	20.498	6,636	129,355	256,861		
ECTRIC COMF lata to Reflect Pi fis Ending Decer findustrial Custo	Aug-15	907,397,024 \$ 0.00013 \$ 117,962		1,894,509 379 \$01	121,276	2,395,286 2,395,286				0.05	co.o	3 202 PD	18.975	6,064	119,764 \$	237,726 \$		
SAN DIEGO GAS AND ELECTRIC COMPANY Reliability Service (RS) Revenue Data to Reflect Present Rates Rate Effective Period - Twelve Months Ending December 31, 2015 Medium-Large Commercial/Industrial Customers	Jul-15	926,891,934 9 \$ 0.00013 \$ 120.496		1,931,922 387 476	126,583	2,445,980 2,445,980			\$ 0.05 S	S 0.05 S	co	5 07 507 5	19.374	6,329	\$ 122,299 S	242,795 \$		
SAN DIEGC eliability Service Effective Perioo Medium-La	<u>Jun-15</u>	860,558,879 50,00013 111,873		1,797,851 350 969	113,998	2,271,818 2,271,818				S 0.05 S	<b>CO 'D</b>	¢ 20 203 4	17,998		113,591	s 225,464 S		
Rete	May-15	825,751,591 \$ 0.00013 107.348		1,708,453 344 303	118,847	2,171,603 2,171,603			0.05	\$ 0.05 3	<b>CO</b> -0	\$ 173	17,215		\$ 108,580 \$	\$ 215,928 \$		
	Apr-15	793,456,436 \$ 0.00013 103.149		1,641,486 330 696	111,519	2,083,701			0.05	S 0.05	6	\$ 0.74	16,535		\$ 104,185	\$ 207,334		
	Mar-15	786,898,259 \$ 0.00013 102,297		1,638,647 328,516	101,199	2,068,361				\$ 0.05 \$		\$ 81 Q17	16,426	5,060	\$ 103.418	\$ 205,715		
	Feb-15	797,636,438 \$ 0.00013 103,693		1,653,894 332 563	107,353	2.093.810 2.093.810				\$ 0.05		\$ 87 695		5,368	\$ 104,691	s 208,384		
	Jan-15	822,440,169 <b>S</b> 0.00013 106,917		1,689,418 341.933	121,464	2,152,815	•			<b>S</b> 0.05		S 84.471		6,073	\$ 107,641	<b>\$</b> 214,558		
	Description	Energy Revenues Commodity Sales - kWh Commodity Rate - S/kWh Total Commodity Revenues	Non-Coincident Demand - (KW):	Secondary Primary	Transmission	Lotal Check Figure	Difference	Non-Coincident Demand Rates Per (S/KW):	Secondary	Primary Transmission		<u>Revenues at Present Rates:</u> Secondary	Primary	tion	Total	Total Revenues at Present Rates		

Statement BH - RS 2015.xis - Med & Lrg C-I Customers

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10/22/2014

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	Ë 2	-00400F	<u></u>	-4-2-2-6-6-8-6	2-8
-	Reference	Statement BH, Page 10, Line 171 x 1000 Statement BH, Page 10, Line 172 x 1000 Statement BH, Page 10, Line 173 x 1000 Sum Lines 2; 3; 4 Line 5 Less Line 6	2014 RS Statement BL, Page 1, Line 9, Col. D 2014 RS Statement BL, Page 1, Line 9, Col. C 2014 RS Statement BL, Page 1, Line 9, Col. B	Line 2 x Line 10 Line 3 x Line 11 Line 4 x Line 12 Sum Lines 15; 16; 17	1022201
	Total	119,388 1,199,340 726,756 2,045,484 2,045,484		2,388 23,988 14,532 40,908	40,508
	Dec-15	9,949 99,945 60,563 170,457	0.02 0.02 0.02	199 \$ 1,999 1,211 3,409 \$	3.409 S
	Nov-15	9,949 99,945 60,563 170,457 170,457	0.02 \$ 0.02 \$ 0.02 \$	199 \$ 1,999 1,211 3,409 \$	3.409
	Oct-15 N	9,949 99,945 60,563 170,457	0.02 \$ 0.02 \$ 0.02 \$	199 <b>\$</b> 1,999 <u>1,211</u> <u>3,409</u> <b>\$</b>	3.409 S.
NYY ssent Rates bber 31, 2015	Sep-15 C	9,949 99,945 60,563 170,457 170,457	0.02 \$ 0.02 \$ 0.02 \$	199 \$ 1,999 1,211 3,409 \$	3,409 \$
Statement - BH Statement - BH SAN DIEGO GAS AND ELECTRIC COMPANY Reliability Service (RS) Revenue Data to Reflect Present Rates Rate Effective Period - Tweive Months Ending December 31, 2015 Standby Customers	Aug-15 S	9,949 99,945 60,563 170,457	0.02 \$ 0.02 \$ 0.02 \$	199 \$ 1,999 1,211 3,409 \$	3,409 S
Statement - BH AAS AND ELECTR. S) Revenue Data to Twelve Months End Standby Customers	Jul-15 A	9,949 99,945 60,563 170,457	0.02 \$ 0.02 \$ 0.02 \$	199 \$ 1,999 1,211 3,409 \$	3,409 <b>s</b>
M DIEGO GA y Service (RS) ive Period - T S	Jun-15 Ju	9,949 99,945 60,563 170,457 1 170,457 1	0.02 \$ 0.02 \$ 0.02 \$	199 \$ 1,999 1,211 3,409 \$	3.409 \$
S# Reliabili Rate Effect	May-15 Ju	9,949 99,945 60,563 170,457 1 170,457 1	0.02 \$ 0.02 \$ 0.02 \$	199 \$ 1,999 1,211 3,409 \$	3.409 \$
	Apr-15 Ma	9,949 99,945 60,563 60,657 110,457 1	0.02 \$ 0.02 \$ 0.02 \$	199 \$ 1,999 1,211 3,409 \$	3.409 s
	Mar-15 Ap	9,949 99,945 60,567 110,457 110,457	0.02 \$ 0.02 \$ 0.02 \$	199 \$ 1,999 1,211 3,409 \$	3.409 s
	Feb-15 Ma	9,949 99,945 60,563 1 70,457 1	0.02 \$ 0.02 \$ 0.02 \$	199 \$ 1,999 1,211 3,409 \$	8.409 s
	Jan-15 Fe	9,949 99,945 60,563 170,457 170,457 1	0.02 \$ 0.02 \$ 0.02 \$	199 \$ 1,999 1,211 3,409 \$	3.409 S
	] Ja		8 8 8 8 8	ю ю	s ds - Standby Cu
	Description	Demand - Billing Determinants (KW) Secondary Primary Transmission Transmission Check Figure Difference	D <del>emand Rates Per (S/KW).</del> Secondary Primary Transmission	Revenues at Present Rates: Secondary Primary Transmission Total	Total Revenues at Present Rates S 3.409
• •	No.	11 m 4 v 10 F 0			

		Line No.	- 9 m	4		]
	(J)	Reference	Statement BH, Page 10, Line 9 x 1000 2014 RS Statement BL, Pace 1, Line 11, Col A	Line 2 x Line 3		
	Ŵ	Total	37,274	10		
	(J)	Dec-15	3,177	-		-
	(K)	Nov-15	3,062 0,00027 \$	- 1		-
015	6	Oct-15	3,033 0.00027 \$	1		
OMPANY Changed Rates December 31, 2 stomer	Ð	Sep-15	3,179 0.00027 \$	1		
SAN DIEGO GAS AND ELECTRUC COMPANY Reliability Service Revenue Data to Reflect Changed Rates Rate Effective Period - Twelve Months Ending December 31, 2015 Rate Effective Period - Twelve Months Ending December 31, 2015	(H)	Aug-15	3,020 0.00027 \$	1		
IEGO GAS AN Service Revenu Period - Twelve ty of Escondido	(0)	Jul-15	3,197 5 0.00027 S	1		
SAN D Reliability : Rate Effective I Ci	(F)	Jun-15	3,149 S 0.00027	1		
	(E)	May-15	3,037 \$ 0.00027	1		
	ê	Apr-15	3,014 \$ 0.00027	1		
	(C)	Mar-15	3,090 0.00027	-		
	(B)	Feb-15	. 3,068 \$ 0,00027 \$	п		
	(Y)	Jan-15	3,249 \$ 0.00027	-		
		ne o. Description	Energy Revenues Commodity Sales - kWh Commodity Rate - 5/kWh	Total Commodity Revenues	•	

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Statement BH - RS 2015.xls - Wholesale Customer

Statement - BH

# SAN DIEGO GAS AND ELECTRIC COMPANY

			CHEERC!	Forecast	sani Diego Period 21	Gas?& El	i 57 Dece	mberg201						
	SDG&E: System Delivery Determinants													
	: ; ; ;		:	:	ų ,	!	:			1	1	1		
鍧~	<u>Customer Class Deliveries (MWn)</u> Residential	729.926	538.937	<u>Mar-15</u> 611.731	<u>Apr-15</u> 559.979	<u>Mav-15</u> 553.684	581.798	<u>Jul-15</u> 667 872	Aug-15 684 171	Sep-15 758 524	<u>Oct-15</u> 633 907	NOV-15 595 886	Dec-15 678 987	T 695 401
2	Small Commercial	160,920	154,282	152,343	147,795	151,066	158,444	173,277	171,880	185,635	165,367	155,471		1,933,615
ę	Med. & Large Comm./ind. (AD)	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100		39,115
4	Med. & Large Comm./Ind. (excluding AD/A6-TOU)	741,628	725,591	718,633	716,756	741,382	776,715	833,549	818,079	883,913	798,693	762,428		9,254,692
ιn ·	Med. & Large Comm/Ind. (A6-TOU)	63,255	54,600	50,824	57,408	61,599	57,864	64,790	61,711	67,751	60,046	67,026		731,606
ω i	Agriculture (PA and TOU-PA)	4,566	4,620	4,663	5,616	6,806	8,267	9,272	9,135	9,743	8,135	6.706		82,920
~	Agriculture (PA-T-1)	14,372	14,290	14,260	16,240	19,621	22,703	25,128	24,147	25,364	21,785	18,738		232,513
	Lighting	7,990	7,592	7,588	7,404	7.444	7.722	7,828	7,445	7,828	7,512	7,628		91,891
» 은 :	sate for resarg Total System	3 1,725,846	1,603,071	3 1,563,226	3 1,514,253	3 1,544,754	3 1,616,793	3 1,785,145	3 1,780,029	3 1,942,544	3 1,698,799	3 1,616,986	3 1,670,345	37 20,061,791
= 12 5								ı						
<u>5</u> 4	Kate schedule billing betemmants													
15	Schedule AD:	<u>Jan-15</u>	Feb-15	Mar-15	Apr-15	<u>Mav-15</u>	Jun-15	<u>Jul-15</u>	Aug-15	Sep-15	Oct-15	Nov-15	Dec.15	Total
<u>۽</u> ۽	Total Deliveries (MWh)	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115
2 PP	Total Deliveries (%)													-
6		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2	% @ Primary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0,00%	0.00%	0.00%	0.00%	0.00%	%00°0	0.00%	%00.0
ត ទ		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	<u>0.00%</u>	0.00%	0.00%	<u>0.00%</u>	0.00%	0.00%	<u>0.00%</u>
ង ន	Total Deliveries (MWh)	*****	%	%^^^^	%nn.nn	%nn'nn1	%.nn.nn1	%,00,001	%nn nn 1	%/nn'nni.	%00.001	%00.00L	%nn*nnt	%Anninnt
24		3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115
25	MWh @ Primary Service	•	•	0	0	0	•	•	0	0	0	0	0	0
87		2.18 D	3 <u>15</u> 0	2 181 S	0 50 6	0 07 6	9 77 6	2 475	2 460	9 782 6	0 7 7 7 7 7 7	аç,	2007	9110
58	Non-Coincident Demand [%]							2212	2	2	20012	5		2
8		0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%
86	% @ Primary Service % @ Transmission Service	0.0000%	0.0000%	0.0000% 0.0000%	0.0000%	0.0000% 0.0000%	0.0000% 0.0000%	0.0000% 0.0000%	0.0000%	0.0000% 0.0000%	0.0000% 0.0000%	0.0000% 0.0000%	0.0000%	0.0000%
3 3	Non-Coincident Demand (MW)													
		13.602	13.476	13.581	13.035	13.446	13.992	14.625	14.772	16.154	14.305	13.237	12.798	167.023
88	MW @ Primary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.000	0.000	0.000	0.000	0.000
868	-	13,602	13.476	13.581	<u>13.035</u>	13.445	<u>13.992</u>	14.625	14.772	16.154	14.305	13.237	<u>9.000</u> 12.798	167.023
88		AREA BAR AND A CARD	PROCESSION OF THE PERSON OF THE	California (California)	3003/2-02-02-02-02	N 184 C VICE SUBSCRIPT	Constanting and a second second	SH-CROSSING SHARE	STATES AND ADDRESS		AND REPORT REPORT OF A DESCRIPTION	STATES CONSTRUCTION OF STATES	A NUMBER OF A DESCRIPTION OF A DESCRIPTI	NONSALECCEDED S
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Statement BH - RS 2015 xis - Forecast Determinants

10/2/2014

Schedults AL-TOU / AY-TOU / DG-R. Total Deliveries (MMh) Total Deliveries (MMh) % @ Secondary Service % @ Transmission Service MWh @ Secondary Service MWh @ Transmission Service MWh @ Transmission Service MWh @ Transmission Service % @ Finany Service % @ Finany Service % @ Finany Service MWD @ Secondary Service MWW @ Secondary Service % @ Transmission Service % @ Finany Service % @ Finany Service % @ Transmission Service
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Statement BH - RS 2015.xis - Forecast Datajminants

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Schedule A6-TOU: Jan-15 Total Deliveries (MWth) 63,255	Total Deliveries (%)         0.00%           % © Secondary Service         13.88%           % © Transmission Service         13.28%           % © Transmission Service         13.28%	Total Deliveries (MNYI) 0 MNM @ Secondary Service 18.00 @ Transmission Service 54.415 18.00 @ Transmission Service 63.253	Non-Coincident Demand 1%)         0.0000%           % @ Perioder Service         0.2100%           % @ Prinary Service         0.2103%           % @ Transmission Service         0.1303%		Coincident Prack Demand 1%) % @ Becondary Service 0.0000% % @ Pintary Service 0.1355% % @ Transmission Service 0.1423%	Coincident Peak Demand (MW) MW @ Secondary Service MW @ Transmission Service 27.4318 MW @ Transmission Service 89.502	Network Stream Stre	Deliveries (MWh) Med & Large Comm/Ind.	Defineries (MWD) MMM @ Secondary Service 552,532 MMM @ Primary Service 149,615 MMM @ Transmission Service 55,053 MM 0 Transmission Service 808,069	WIL-20104GIL CHEMATULINUM MW @ Secondary Service 331.972 MW @ Transmitsion Service	
<u>Feb-15</u> 54,600	0.00% 13.88% <u>86.12%</u> 100.00%	0 7,578 47,022 54,600	0.0000% 0.2104% 0.1830%	0.000 15.945 <u>86.049</u> 101,995	0.0000% 0.1365% 0.1423%	0.000 10.345 <u>56.912</u> 77.256		<u>Feb-15</u> 783,347	579,855 145,368 <u>58,123</u> 783,347	1,601.706 322.665 <u>107.353</u> 2,031.724	
<u>Mar-15</u> 50,824	0.00% 13.88% <u>86.12%</u> 100.00%	0 7.054 <u>43.770</u> 50,824	0.0000% 0.2104% 0.1830%	0.000 14.843 <u>80.099</u> 94.942	0.0000% 0.1365% 0.1423%	0.000 9.629 62.285 71.914		<u>Mar-15</u> 772,638	574,350 143,523 <u>54.765</u> 772,638	1,586.583 318.621 <u>101.199</u> 2,006.403	
<u>Apr-15</u> 57,408	0.00% 13.88% <u>86.12%</u> 100.00%	0 7,968 49,439 57,408	0.0000% 0.2104% 0.1830%	0.000 16.765 <u>90.474</u> 107.239	0.0000% 0.1365% 0.1423%	0.000 10.877 <u>70.352</u> 81.229		<u>Apr-15</u> 777,216	572,730 144,080 <u>60,406</u> 777,216	1,581.928 319.750 <u>111.519</u> 2,013.196	
<u>Mav-15</u> 61,599	0.00% 13.88% <u>86.12%</u> 100.00%	8,550 <u>53,049</u> 61,599	0.0000% 0.2104% 0.1830%	0.000 17.989 <u>97.080</u> 115.069	0.0000% 0.1687% 0.1478%	0.000 14.424 <u>78.407</u> 92.830		<u>Mav-15</u> 806,130	592,400 149,338 <u>64,392</u> 806,130	1,636.243 331.384 <u>118.847</u> 2,086.474	
<u>Jun-15</u> 57,864	0.00% 13.88% <u>86.12%</u> 100.00%		000	0.000 16.898 <u>91.193</u> 108.091	0.0000% 0. 0.1687% 0. 0.1478% 0.	0.000 13.549 <u>73.652</u> 87.201		<u>Jun-15</u> 837,856	620,610 6 155,530 1 <u>61,716</u> 837,856 9	1,714,128 1,8 345,229 3 <u>113,998</u> 2,173,355 2,3	
<u>Jul-15</u> 64,790	0.00% 13.88% <u>86.12%</u> 00.00%			0.000 18.921 102.109 121.030	0.0000% 0 0.1687% 0 0.1478% 0	0.000 15.171 <u>82.468</u> 97.639		<u>Jul-15</u> 901,764	665,930 167,284 <u>68,551</u> 901,764	,839.163 1, 371.277 1. 126.583 2, 337.022 2,	
<u>Aug-15</u> 61,711	0.00% 13.88% <u>86.12%</u> 100.00%	0 8,566 <u>53.146</u> 61.711		0.000 18.022 <u>97.257</u>		0.000 14.450 <u>78.550</u> 93.000		<u>Aug-15</u> 883,250	653,668 163,919 <u>65,662</u> 883,250	1,805.448 1 363.838 <u>121.276</u> 2,290.562 2	
<u>Sep-15</u> 67,751	0.00% 13.88% <u>86.12%</u> 100.00%	0 9,404 <u>58.347</u> 67,751		0.000 19.786 106.775 126.560		0.000 15.864 <u>86.237</u> 102.101		<u>Sep-15</u> 955,447	706,318 177,259 71.871 955,447	,950.934 1 393.431 132.727 1,477.092 2	
<u>Oct-15</u> 60,046	0.00% 13.88% <u>86.12%</u> 100.00%	0 8,334 <u>51,712</u> 60,046	0.0000% 0.2104% 0.1830%	0.000 17.536 <u>94.632</u> 112.168	0.0000% 0.1687% 0.1478%	0.000 14.060 <u>76.430</u> 90.490		<u>Oct-15</u> 862,089	638,151 160,006 <u>63,932</u> 862,089	1,762.547 1 355.157 <u>118.083</u> 2,235.787 2	
<u>Nov-15</u> 67,026	0.00% 13.88% <u>86.12%</u> 100.00%	0 9,303 57.723 57,026	0.0000% 0.2104% 0.1830%	0.000 19.574 105.633 125.207	0.0000% 0.1365% 0.1423%	0.000 12.699 <u>82.140</u> 94.838		<u>Nov-15</u> 832,554	609,078 154,088 <u>69,388</u> 832,554	1,682.100 341.866 128.018 2,151.984	
Dec-15 64,732	0.00% 13.88% <u>86.12%</u> 100.00%	0 8,985 <u>55,747</u> 64,732	0.0000% 0.2104% 0.1830%	0.000 18.904 120.922	0.0000% 0.1365% 0.1423%	0.000 12.264 <u>79.328</u> 91.593		<u>Dec-15</u> 805,053	589,022 149,003 67,028 805,053	1,626.710 330.583 123.666 2,080.959	
<u>Tetal</u> 731,606	0.00% 13.88% <u>86.12%</u> 100.00%	0. 101,547 <u>630,059</u> 731,606	0.0000% 0.2104% 0.1830%	0.000 213.655 1.153.008 1,366.663	0.0000% 0.1530% 0.1451%	0.000 155.316 <u>914.277</u> 1,069.594		<u>Total</u> 10,025,413	7,394,745 1,859,013 771,656 10,025,413	20,424,426 4,125,774 1,424,732 25,974,932	

10/22/2014

Statement BH - RS 2015 xis - Forecast Dolermin

232,513	87.10% 12.90% 0.00% 100.00%	202,525 29,988 23,513	0.4221% 0.5139% 0.0000%	854.859 154.107 0.000 1.008.966	0.1825% 0.3035% 0.0000%	369.611 91.003 0.000 460.614	Total	119.388 1,199.340 726.756 2,045.484	
15,865	86.87% 13.13% <u>0.00%</u> 100.00%	13.782 2.082 15,865	0.4221% 0.5139% 0.0000%	58.175 10.701 0.000 68.876	0.2114% 0.3013% 0.0000%	29.136 6.274 0.000 35.410	Dec-15	9.949 99.945 <u>60.563</u> 170.457	
18,738	87.13% 12.87% 0.00% 100.00%	16,327 2,411 18,738	0.4221% 0.5139% 0.0000%	68.916 12.390 0.000 81.306	0.2114% 0.3013% 0.0000%	34.515 7.264 <u>0.000</u> 41.779	Nov-15	9.949 99.945 <u>60.563</u> 170.457	
21,785	87.26% 12.74% <u>0.00%</u> 100.00%	19,010 2,775 21,785	0.4221% 0.5139% 0.0000%	80.243 14.260 0.000 94.503	0.1631% 0.3050% 0.0000%	31.006 8.464 <u>0.000</u> 39.469	Oct-15	9.949 99.945 <u>60.563</u> 170.457	
25,364	87.31% 12.69% <u>0.00%</u> 100.00%	22,146 3,218 25,364	0.4221% 0.5139% 0.0000%	93.480 16.537 <u>0.000</u> 110.017	0.1631% 0.3050% 0.0000%	36.121 9.815 <u>0.000</u> 45.935	Sep-15	9.949 99.945 <u>60.563</u> 170.457	
24,147	87.38% 12.62% <u>0.00%</u> 100.00%	21,100 3,048 24,147	0.4221% 0.5139% 0.0000%	89.061 15.663 0.000 104.724	0.1631% 0.3050% 0.0000%	34.413 9.296 0.000 43.709	Au <u>-15</u>	9.949 99.945 <u>60.553</u> 170.457	
25,128	87.46% 12.54% <u>0.00%</u> 100.00%	21,975 3,152 25,128	0.4221% 0.5139% 0.0000%	92.759 16.199 <u>0.000</u> 108.958	0.1631% 0.3050% 0.0000%	35.842 9.614 0.000 45.458	<u>Jul-15</u>	9.949 99.945 <u>60.563</u> 170.457	
22,703	87.37% 12.63% <u>0.00%</u> 100.00%	19,835 2,868 <u>0</u> 22,703	0.4221% 0.5139% 0.0000%	83.723 14.740 0.000 88.463	0.1631% 0.3050% 0.0000%	32.351 8.748 <u>0.000</u> 41.099	Jun-15	9.949 99.945 <u>60.563</u> 170.457	
19,621	87.19% 12.81% <u>0.00%</u> 100.00%	17,107 2,514 19,621	0.4221% 0.5139% 0.0000%	72.210 12.919 <u>0.000</u> 85.129	0.1631% 0.3050% 0.0000%	27.902 7.667 <u>0.000</u> 35.569	May-15	9.949 99.945 <u>60.563</u> 170.457	
16,240	86.88% 13.12% 0.00% 100.00%	14,110 2,130 16,240	0.4221% 0.5139% 0.0000%	59.559 10.946 <u>0.000</u> 70.505	0.2114% 0.3013% 0.0000%	29.829 6.417 <u>0.000</u> 36.246	Apr-15	9.949 99.945 <u>60.563</u> 170.457	
14,260	86.50% 13.50% 0.00% 100.00%	12,334 1,925 14,260	0.4221% 0.5139% 0.0000%	52.064 9.895 0.000 61.959	0.2114% 0.3013% 0.0000%	26.075 5.801 <u>0.000</u> 31.876	Mar-15	9.949 99.945 <u>60.563</u> 170.457	
14,290	86.52% 13.48% <u>0.00%</u> 100.00%	12,364 1,926 14,290	0.4221% 0.5139% 0.0000%	52.187 9.898 0.000 62.085	0.2114% 0.3013% 0.0000%	26.137 5.803 0.000 31.940	Feb-15	9.949 99.945 <u>60.563</u> 170.457	
14,372	86.51% 13.49% <u>0.00%</u> 100.00%	12,433 1,938 14,372	0.4221% 0.5139% 0.0000%	52.481 9.961 <u>0.000</u> 62.442	0.2114% 0.3013% 0.0000%	26.284 5.840 <u>0.000</u> 32.124	Jan-15	9.949 99.945 <u>60.563</u> 170.457	
<u>Schedule PA-T-1:</u> Total Deliveries (MWh)	Total Deliveries (%) % @ Secondary Service % @ Transmission Service % @ Transmission Service	Ξ e č	% @ Secondary Service % @ Secondary Service % @ Primary Service % @ Transmission Service	Non-Coincident Demand (MW) MW @ Primary Service MW @ Transmission Service	% @ Secondary Service % @ Secondary Service % @ Primary Service % @ Transmission Service	<u>On-Peak Demand (MW)</u> MW @ Secondary Service MW @ Primary Service MW @ Transmission Service	Schedule S: Standby Determinants:	Contracted Standby Demand (NW) NW @ Secondary Service MW @ Triansy Service MW @ Transmission Service	
	138 138 138		64 84 84 84 84 84 84 84 84 84 84 84 84 84				169 169 168 168 168 1		

Statement BH - RS 2015 xis - Forecast Determinants

10222014

#### San Diego Gas & Electric Company

#### Statement – BK Derivation of Reliability Service Cost of Service

Docket No. ER14-\_\_\_\_

# San Diego Gas & Electric Company 2015 Reliability Service (RS) Filing Total RS Cost Forecast & Related Franchise Fees and Uncollectible Expense

(2000)

Line No		Total RS Costs	Reference	Line No
	Forecast Costs			
(	Forecast Demand Costs	\$ 3,359	Statement AH; Line 1	c
 1 m 7	Forecast Energy Costs	620	Statement AH; Line 3	1
t v) v	SUB-TOTAL FORECAST RS COSTS:	\$ 3,979	Line 1 + Line 3	4 v
0 1	RS Balancing Account:			9
8	Demand Costs	\$ 403	Statement AG; Line 5	8
9	Energy Costs Total RS Balancing Account	<u> </u>	Statement AG; Line 9 Line 8 + Line 9	9 10
11 12	TOTAL RS COSTS BEFORE FF&U	\$ 4,780	Line $5 + Line 10$	11 12
13 14	Franchise Fees @ 1.0310%	. 49	(Line 12) x 1.0310%	13
16	Uncollectible Rate @ .174%	œ	(Line 12) x .174%	1 1 1 1
18	TOTAL RS REVENUE REQUIREMENTS	\$ 4,837	Sum Lines 12; 14; & 16	17

2015 RS\_Statement BK xlsx - RS-Revenue Requirements

Page 1 of 2

Total RS Cost Forecast & Related Franchise Fees and Uncollectible Expense Segregated Between Demand and Energy 2015 Reliability Service (RS) Filing San Diego Gas & Electric Company Statement BK (2000)

Line		Total DSC Corts	Dometer	D	Line
2		CUSUO CAL	r el cellages	Preletate	ON
<del>ہ</del> ے۔	TOTAL RS DEMAND COSTS:				
7	Demand Costs	\$ 3,762		Page 1 of 2 - Lines 1 & 8	5
ŝ	Franchise Fees $@ 1.0310\%$	39		Line 2 x 1.0310%	ŝ
4	Uncollectible Rate @.174%	L		Line 2 x .174%	4
Ś	Total Demand Costs	\$ 3,807	78.70%	Sum (Lines 2, 3, 4)	5
9		-			9
2	TOTAL RS ENERGY COSTS:				- L
∞	Energy Costs	\$ 1,018		Page 1 of 2 - Lines 3 & 9	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
6	Franchise Fees @ 1.0310%	10		Line 8 x 1.0310%	6
10	Uncollectible Rate @ .174%	2		Line 8 x .174%	10
11	Total Energy Costs	\$ 1,030	21.30%	Sum (Lines 8, 9; 10)	11
12					12
13	TOTAL RS REVENUE REQUIREMENTS	\$ 4,837	100.00%	Sum (Lines 5, 11)	13
					-

2015 RS\_Statement BK.xlsx - RS-Demand-Energy

Page 2 of 2

#### San Diego Gas & Electric Company

#### Statement – BL Rate Design Information

Docket No. ER14-\_\_\_-

Statement BL SAN DIEGO GAS AND ELECTRIC COMPANY 2015 Reliability Service - Rate Design Information Summary of Reliability Service Retail and Wholesale Rates	
Statement BL 3GO GAS AND ELEC7 iability Service - Rate D Reliability Service Retai	
SAN DII 2015 Rel Summary of l	

		()				_			•				_						_
		Line		1	2	m	4	S	9	7	∞	9	10	11	12	13	14	15	
		Reference		Statement BL, Page 7, Line 15		Statement BL, Page 8, Line 15		Statement BL, Page 9, Lines 9, 34, 35, 36			Statement BL, Page 10, Line 15	Statement BL, Page 11, Lines 9, 34, 35, 36		Statement BL, Page 12, Line 15		Statement BL, Page 13, Lines 22, 23, 24		Statement BL, Page 2, Line 7	
(q)	Secondary Level	Demand Rates \$/kW-Mo						\$ 0.07				\$ 0.02				\$ 0.03			
(0)	Primary Level	Demand Rates \$/kW-Mo		-				\$ 0.06				\$ 0.02				\$ 0.03			
(q)	Transmission Level	Demand Rates \$/kW-Mo						\$ 0.06				\$ 0.02				\$ 0.03			
(a)	Transmission Level	Energy Rates \$/kWh		\$ 0.00025		\$ 0.00027		\$ 0.00005			\$ 0.00016	\$ 0.00005		\$ 0.00021		-		\$ 0.00024	
		Customer Classes		Residential		Small Commercial		Medium & Large Commercial/Industrial <sup>1</sup>		Agricultural (Schedules PA, TOU-PA and PA-T-1)	Schedules PA and TOU-PA	Schedule PA-T-1		Street Lighting		Standby Rate <sup>2</sup>		Wholesale	
		Line No.			6	m m	4	S I	9	7	8	9	10	1			14	15	
			1																

For Medium & Large Commercial/Industrial customers under California Public Utilities Commission tariff Schedule DG-R, the demand rate is applied to customers' monthly <sup>1</sup> maximum demand. <sup>2</sup> Demand rate applied to standby customers' contract demand.

Statement BL - RS 2015.xls - Summary of Rates

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Statement BL SAN DIEGO GAS AND ELECTRIC COMPANY 2015 Reliability Service - Rate Design Information Wholesale Customers (\$000)

Line No. 12 13 13 14 15 16 17 18 11098765432 Statement BK, Page 2, Line 11, Col. A - Line 11 Line 5 / Line 6, Rounded to 5 Decimal Places Statement BD, Page 1, Line 13, Col. A Statement BD, Page 1, Line 13, Col. B Statement BK, Page 2, Line 5, Col. A Statement BK, Page 1, Line 18 Loss Adjustment Factor Line 16 + Line 17Line 12 - Line 13 Line 1 / Line 3 Line 7 x Line 9 Reference Line 11 Line 1 1,030 Energy Based Rate & 4,837 20,061,791 1.0108 0.00024 37 4,837 4,837 3,807 0.01 0.00024 0.01 4,837 **Proof of Revenues** Derivation of Calculation Э Ω Э \$ Ω θ Ω 6 æ Wholesale Billing Determinants (MWH) @ Meter Level Customer Classes Total RS Revenues Applicable to Retail Total Billing Determinants (MWH) RS Revenues Applicable to Retail Primary Level Adjustment Factor Total RS Revenue Requirements Total RS Revenue Requirements Rate Per kWh @ Primary Level Rate Per kWh @ Meter Level Less: Wholesale Revenues Total Wholesale Revenues **RS** Demand Revenues RS Energy Revenues Line 11 No. 13 13 16 17 18 15 6 5018 ε 4 2

Statement BL - RS 2015.xls - Wholesale Customer

Statement BL Rate Design Information SAN DIEGO GAS AND ELECTRIC COMPANY Allocation of Demand Costs Component of Reliability Service (RS) Revenues Based on 12 CP Method @ Transmission Level (\$000)

Line No. 6 9 9 11 13 13 ŝ 4 Ś 2 Line 13, Col. A x Line 11, Col. B Line 13, Col. A x Line 1, Col. B Line 13, Col. A x Line 5, Col. B Line 13, Col. A x Line 9, Col. B Line 13, Col. A x Line 3, Col. B Line 13, Col. A x Line 7, Col. B Sum Lines 1 thru 11, Col. B Reference (c) = Line 13 (a) x (b)1,557 420 1,723 34 14 59 3,807 Based on 12 CP Allocation of Requirements Revenue Ω 40.89% 11.03% 45.26% 0.89% 1.55% Allocation Ratios 0.38% 100.00% Based on 12 CP Statement BB From ව Demand Costs 3,807 Component of Requirements **RS** Revenue ٩ Agricultural (Schedules PA, TOU-PA and PA-T-1) Medium-Large Commercial/Industrial Customer Classes Residential Customers Small Commercial Standby Revenues Street Lighting Grand Total Line No. 11 10 12 13 8 7 6 8 6 ----2 ŝ 4

Statement BL - RS 2015.xls - Allocation of Demand Revenues

Statement BL Rate Design Information SAN DIEGO GAS AND ELECTRIC COMPANY Allocation of Energy Costs Component of Reliability Service (RS) Revenues Based on Energy Sales @ Transmission Level (\$000)

Line No. ŝ 4 ----2 Line 13, Col. A x Line 11, Col. C Line 13, Col. A x Line 5, Col. C Line 13, Col. A x Line 7, Col. C Line 13, Col. A x Line 9, Col. C Line 13, Col. A x Line 1, Col. C Line 13, Col. A x Line 3, Col. C Sum Lines 1 thru 11 Reference 397 512 16 100 S Based on Energy 1,030 Requirements Allocation of ī Revenue Ð မ ς 38.54% 49.74% 100.00% 9.69% 1.57% 0.46% 0.00% Energy Sales Percentages Allocation Based on છ @ Transmission 328,802 2,021,982 10,383,430 96,091 20,877,385 8,047,081 Energy Sales Statement BD Level; From ı ව 1.030 Component of Energy Costs Requirements RS Revenue **a** 6 Agricultural (Schedules PA, TOU-PA and PA-T-1) Medium-Large Commercial/Industrial Customer Classes **Residential Customers** Small Commercial Standby Revenues Street Lighting Grand Total Line ю Хо 11 12 13 5 6 9 10 5 7 ω4

Statement BL - RS 2015.xls - Allocation of Energy Revenues

			Line	v		ν ώ <u>-</u>	+ v, v		~	0 0 C	11
				Kerence	Statement BL, Pages 3 & 4, Line 1 1	Statement BL, Pages 3 & 4, Line 3 3 3 $^{2}$	Statement BL, Pages 3 & 4, Line 5 5	Statement BL, Pages 3 & 4, Line 7	Statement BL, Pages 3 & 4, Line 9 $\begin{bmatrix} 7 \\ 6 \end{bmatrix}$	Statement BL, Pages 3 & 4, Line 11 9	Sum Lines 1 thru 11
and 12 CP Methodology @ Transmission Level (\$000)	(d) = (c) / (c) Line 13		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	(02)	40.39% Sta	10.75% Sta	46.21% Sta	1.04% Sta	0.40% Sta	1.22% Stat	100.00%
	(c) = (a) + (b)	Total RS	Revenue	Veduii etitette	\$ 1,954	520	2,236	50	19	59	\$ 4,837
(2000)	(q)	Energy Related RS	Revenue	ruchari cilicitic	\$ 397	100	512	16	5	ı	\$ 1,030
3	(a)	Demand Related RS	Revenue Requirements	Treduit currentes	\$ 1,557	420	1,723	34	14	59	\$ 3,807
			Clistomer Classes	(42)(A)(A)(A)(A)(A)(A)(A)(A)(A)(A)(A)(A)(A)	Residential Customers	Small Commercial	Medium-Large Commercial/Industrial	Agricultural (Schedules PA, TOU-PA and PA-T-1)	Street Lighting Customers	Standby Customers	Grand Total
	-		Line		(	ι ω 4					13

Statement BL - RS 2015.xls - Allocation of Total RS Revenues

10/22/2014

Statement BL - RS 2015.xls - Proof of Revenues

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Statement BL SAN DIEGO GAS AND ELECTRIC COMPANY 2015 Reliability Service - Rate Design Information Residential Customers<sup>1</sup>

(2000)

Line No. 10 11 11 11 11 11 11 11 11 11 9 8 7 6 2 ŝ Ē 4 Ś Statement BL, Page 5, Line 1, Col. C Statement BD, Page 2, Line 2, Col. A Line 5 Rounded to 5 Decimal places Line 1 - Line 11 Line 3 x Line 7 Line 1 / Line 3 Reference Line 9 Line 7 1,954 1,924 1,924 30 0.00025 7,695,401 0.0002539 0.00025 Commodity Rate & **Proof of Revenues** Derivation of Calculation Э ω Ω 60 ŝ ŝ Billing Determinants - Residential Customer Class @ MWH: **RS Revenues Allocated to Residential Customers** Residential Energy Rate Per kWh - Rounded Total Class Revenues @ Proposed Rates Customer Classes Total Class Revenues @ Proposed Rates Residential Energy Rate Per kWh **Total Residential Rate** Difference Line ю Х 11 12 13 15 ю 4 9 6 6 6 10 10 5 7

Notes:

<sup>1</sup> Residential customers include the following California Public Utilities Commission (CPUC) tariffs: DR, DR-LI, DR-TOU, DR-SES, DM, DS, DT, DT-RV, DR-TOU, EV-TOU, EV-TOU-2.

Statement BL - RS 2015.xls - Residential

Statement BL SAN DIEGO GAS AND ELECTRIC COMPANY 2015 Reliability Service - Rate Design Information Small Commercial Customers<sup>1</sup>

(2000)

Line No.  $\sim$ ŝ 4 Statement BL, Page 5, Line 3, Col. C Statement BD, Page 2, Line 3, Col. A Line 5 Rounded to 5 Decimal places Line 1 - Line 11 Line 3 x Line 7 Line 1 / Line 3 Reference Line 9 Line 7 (2) 520 1,933,615 522 522 0.00027 0.0002689 0.00027 Commodity Rate & **Proof of Revenues** Derivation of Calculation Ś Ь Υ 60 4 ¢. 6 RS Revenues Allocated to Small Commercial Customers Billing Determinants - Small Commercial @ MWH: Total Class Revenues @ Proposed Rates Customer Classes Total Class Revenues @ Proposed Rates Rate Per kWh Calculation - Rounded Total Small Commercial Rate Rate Per kWh Calculation Difference Line No. ---ω4 2

Notes:

<sup>1</sup> Small commercial customers include the following California Public Utilities Commission (CPUC) tariffs: A, A-TC, A-TOU, and TOU-A.

Statement BL - RS 2015.xls - Small Commercial

#### Statement BL SAN DIEGO GAS AND ELECTRIC CONPANY 2015 Reliability Service - Rate Design Information Medium and Large Commercial Customers<sup>1</sup> (5000)

1     Toal IS Revenues Alleandr to Matim & Large Commercial Customers     2     Sustement BL, Page S, Liné S, Cul. B       2     Matim & Large Commercial RS Revenues Related to Energy     3     Sustement BL, Page S, Liné S, Cul. B       2     Fortu M, Energy States     10.0023 413     Sustement BL, Page S, Liné S, Cul. B       2     Fortu M, Energy States     10.0023 413     Sustement BL, Page S, Liné S, Cul. A       2     Energy Nase Per Unin (65 KVM)     10.00031 (1)     Sustement BL, Page S, Liné S, Cul. A       2     Energy Nase Per Unin (65 KVM)     10.00031 (1)     Sustement BL, Page S, Liné S, Cul. A       2     Energy Nase Per Unin (65 KVM)     10.00031 (1)     Line 5 / Line S, Cul. A       2     Matter Allead to Energy     0.000051 Line 7 / Line S     Line 5 / Line S, Cul. A       2     Matter Allead to Energy     5     0.000051 Line 5 / Line S, Cul. A       2     Matter Allead to Energy     5     1.723     Statement BL, Page 5 / Line 5 / Cul. A       2     Matter Allead to Energy     5     1.723     Statement BL, Page 5 / Line 5 / Cul. A       2     Matter Allead to Demand     5     1.723     Statement BL, Page 5 / Line 5 / Cul. A       2     Matter Allead to Demand     5     1.723     Statement BL, Page 5 / Line 5 / Cul. A       2     Matter Allead to Demand     5     1.723     Statement	Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	tion of ty Rate & tevenues ation	Reference	Line No.
Medium & Large Commercial NS Revenues Related to Energy     5     512       Toul Energy States     10,025,413       Energy Rate Per Unit @ St/Wh     5     0000051       Energy Rate Per Unit @ St/Wh     5     1,723       Medium & Large Commercial RS Revenues Related to Demand     5     1,723       Medium & Large Commercial RS Revenues Related to Demand     5     1,723       Medium & Large Commercial RS Revenues Related to Demand     5     1,723       Medium & Large Commercial RS Revenues Class Damand Revenue Related to Demand     5     1,723       RS Revenues @ Transmission Level - 5,39%     5     000685       Total Class Revenues Related to Demand     5     0,723       Secondary     5     0,00566     2,173       Total Class Revenues Related to Demand     5     0,00566       Total Class Revenues Related to Demand     5     1,430       Secondary     5     0,00566       Total Class Revenues Related to Demand     5     1,430       Secondary     7     5     0,00566       Total Class Revenues (@ Transmission Level - 5,39%     5     0,005       Seconda	-	Total RS Revenues Allocated to Medium & Large Commercial Customers	s	2,236	Statement BL, Page 5, Line 5, Col. C	
Total Energy State     10023,413       Energy State Fer Unit @ SkWh     5     00000511       Energy Rate Fer Unit @ SkWh (Rounded)     5     0000051       Energy Rate Fer Unit @ SkWh (Rounded)     5     0000051       Total ISS Revenues Related to Energy @ Proposed Rates     5     000005       Medium & Large Commercial RS Revenues Related to Demand     5     1,723       Medium & Large Commercial RS Revenues Related to Demand     5     1,723       Medium & Large Commercial RS Revenues Related to Demand     5     1,723       Medium & Large Commercial RS Revenues Related to Demand     5     1,723       RS Revenues @ Primary Level - 15,47%     5     267       RS Revenues @ Primary Level - 15,47%     5     1,723       Datatat Distribution Level - 15,47%     5     1,723       RS Revenues @ Primary Level - 15,47%     5     0,00685       Secondary Level - 15,47%     5     0,00685       Secondary Internition Related to Demand     1,415     2,044       Secondary Internition Related to Demand     1,415     2,044       Secondary Internition Related to Demand     5     0,006       Secondary Internition Related to Demand     5     0,006       Secondary Internition Related to Demand     5     1,430       Total Class Revenues @ Proposed Rates     5     0,00	1 ~ 4	Medium & Large Commercial RS Revenues Related to Energy	69	512	Statement BL, Page 5, Line 5, Col. B	M M 1
Energy Rate Per Unit @ SKWh     5     0000051       Energy Rate Per Unit @ SKWh (Rounded)     5     0000051       Total Rate Per Unit @ SKWh (Rounded)     5     0000051       Total Rate Per Unit @ SKWh (Rounded)     5     1,723       Medium & Large Commercial RS Revenues Related to Demand     5     1,723       Medium & Large Commercial RS Revenues Related to Demand     5     1,723       Allocation of Class Demand Return Reminiments to Voltace Level. <sup>2</sup> 5     20,424       RS Revenues @ Transmission Level - 5.29%     2,733     20,424       Total Class Revenues Related to Demand     5     1,725       Datardary Level - 5.29%     7     5     0,00685       Total Class Revenues Related to Demand     20,424     41,625       Datardary Level - 5.29%     7     5     0,05685       Total Class Revenues Related to Demand     20,424     41,625       Datardary Demand Rate By Voltage @ Meter SKW     5     0,06685       Total     7     5     0,06685       Total     7     5     0,06685       Total     7     5     0,075       Remand Rate By Voltage @ Meter SKW     5     0,075       Permand Rate By Voltage @ Meter SKW     5     0,075       Primary     7     5     0,06685	r vo v	Total Energy Sales		10,025,413	Statement BD, Page 2, Line 8, Col. A	4 10 1
Energy Rate Per Unit @ SrWn (Rounded)       5       000005         Total RS Revenues Related to Energy @ Proposed Rates       5       501         Medium & Large Commercial RS Revenues Related to Demand       8       1,723         Medium & Large Commercial RS Revenues Related to Demand       8       1,723         Medium & Large Commercial RS Revenues Related to Demand       8       1,723         Statements @ Trimmary Level - 15,47%       2,94       2,67         TS Revenues @ Primary Level - 15,47%       2,94       2,173         Total Class Revenues Related to Demand       8       1,173         Demand Determination Level - 5,29%       1,040       4,126         Transmission       1,041       2,0424         Secondary       9       0,06685       2,075         Demand Determination Level - 5,29%       1,043       2,0594         Transmission       1,042       2,044       2,044         Secondary       9       0,06685       2,006685       2,006685         Transmission       1,043       5       0,005       2,075         Transmission       1,043       5       0,005       2,075         Secondary       1,043       5       0,005       2,075         Secondary	0 - 0	Energy Rate Per Unit @ S/kWn	S	0.0000511	Line 3 / Line 5	40
Total RS Revenues Related to Energy @ Proposed Rates       5       501         Medium & Large Commercial RS Revenues Related to Demand       5       1,723         Modium & Large Commercial RS Revenues Related to Demand       5       1,723         Allocation of Class Demand Revenue Related to Demand       5       1,723         RS Revenues @ Primary Level - 15,47%       5       23,424         RS Revenues @ Primary Level - 12,57%       5       20,424         Total Class Revenues Related to Demand       2       20,424         Demand Determinants Du Voltage Level - 2,29%       5       20,424         Total Class Revenues Related to Demand       20,424       4,126         Demand Determinants Du Voltage @ Meter SkW       5       0,06462         Total       25,975       5       0,06462         Total       2,044       5       0,06462         Demand Rate By Voltage @ Meter SkW       5       0,06462         Primary       5       0,06462       5         Total       5       0,06462       5         Demand Rate By Voltage @ Meter SkW       5       0,06462         Primary       5       0,06462       5         Primary       5       0,06462       5         Primary	• • F	Energy Rate Per Unit @ S/kWh (Rounded)	\$	0.00005	Line 7 Rounded to 5 Decimal places	ο ο Ο
Medium & Large Commercial RS Revenues Related to Demand     s     1,723       Allocation of Class Demand Revenues Related to Demand     s     1,723       RS Revenues @ Secondary Level - 79,24%     s     1,365       RS Revenues @ Transmission     cerei - 79,24%     267       Total Class Revenues @ Transmission     s     1,723       Demand Determinants By Voltage Level @ Meter Monthly Max-Demand): MT     20,424       Secondary     s     1,723       Tansmission     20,424     4,126       Transmission     20,424     4,126       Demand Determinants By Voltage @ Meter ShW     s     0,06462       Transmission     26,975     s     0,06685       Demand Rate By Voltage @ Meter ShW     s     0,06685       Finany     scondary     s     0,06685       Finany     s     s	2 = 2	Total RS Revenues Related to Energy @ Proposed Rates	S	201	Line 5 x Line 9	2 1 2
Allocation of Class Demand Revenues @ Secondary Level - 73, 24%       \$ 1,365         RS Revenues @ Secondary Level - 73, 24%       \$ 257         RS Revenues @ Transmission       \$ 1,723         Demand Determinary Level - 15, 47%       \$ 1,723         RS Revenues @ Transmission       \$ 20,424         Demand Determinary Involution Level - 79, 20%       \$ 1,723         Demand Determinary Province Level @ Meter Monthly Max-Demand): MT       \$ 20,424         Secondary       \$ 1,723         Transmission       \$ 20,424         Transmission       \$ 20,424         Transmission       \$ 20,424         Demand Pate By Voltage @ Meter \$KW       \$ 0,006         Secondary       \$ \$ 0,006462         Transmission       \$ \$ 0,006         Demand Rate By Voltage @ Meter \$KW       \$ \$ 0,006         Secondary       \$ \$ \$ 0,006         Frimary       \$ \$ \$ \$ \$ \$ 0,006         Transmission       \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	21 Z Z	Medium & Large Commercial RS Revenues Related to Demand	\$	1,723	Statement BL, Page 5, Line 5, Col. A	5 7 Z
RS Revenues @ Secondary Level - 79.24%     1.365       RS Revenues @ Transmission     267       Total Class Revenues @ Transmission     20,424       Demand Determinents Br Velacer Level @ Meter Monthly Max-Demand: MP     20,424       Demand Determinents Br Velace Level @ Meter Monthly Max-Demand: MP     20,424       Secondary     4,126       Transmission     2,67       Transmission     2,006885       Transmission     2,006885       Transmission     2,006482       Transmission     2,006482       Transmission     2,006482       Transmission     2,006482       Transmission     2,006482       Pointary     5       Transmission     2,006482       Transmission     2,006482       Transmission     5       Demand Rate By Voltage @ Meter (Rounded) \$/RW     5       Secondary     5       Transmission     5       Transmission     5       Condory     5       Transmission	16	Allocation of Class Demand Revenue Reautrements to Voltage Level: <sup>2</sup>				2 2
RS Revenues @ Transmission Level - 5.29%     20, 1723       Total Class Revenues @ Transmission     20,424       Demond Determinents RV Yolnere Level @ Meter Monthly Mex-Demand): MTV     20,424       Secondary     4,126       Fransmission     4,126       Transmission     20,424       Permand Mate By Voltage @ Meter S/kW     5,006485       Secondary     5     0.06485       Fransmission     25,975     25,975       Demand Rate By Voltage @ Meter S/kW     5     0.06482       Secondary     5     0.06482       Frimary     5     0.06482       Fransmission     5     0.06482       Demand Rate By Voltage @ Meter (Rounded) S/kW     5     0.06482       Secondary     5     0.06       Frimary     5     0.06       Transmission     5     0.06       Secondary     5     0.06       Transmission     5     0.06       Transmission     5     1.430       Transmission     5     1.763 <td< td=""><td>11</td><td>RS Revenues @ Secondary Level - 79.24% BS Revenues @ Drimow I avoid = 15.47%</td><td>£</td><td>1,365</td><td>Line 14 x 79.24%</td><td>11</td></td<>	11	RS Revenues @ Secondary Level - 79.24% BS Revenues @ Drimow I avoid = 15.47%	£	1,365	Line 14 x 79.24%	11
Total Class Revenues Related to Demand     5     1.723       Demand Determinants Rv Voltage (2004)     20,424       Secondary     1,425       Transmission     1,425       Transmission     1,425       Transmission     25,975       Demand Rate By Voltage (2006)     26,6462       Secondary     5     0.06685       Primary     5     0.06685       Primary     5     0.06       Primary     5     1,630	16	RS Revenues @ Transmission Level - 5,29%		16	Line 14 × 15.47% Line 14 × 5.29%	8 6 8
Demond Determinants Rv Yolacre Level @ Meter Month/vMar-Demand: MW     20,424       Secondary     4,126       Transmission     4,126       Transmission     25,975       Transmission     25,975       Demand Rate By Voltage @ Meter \$KW     5       Secondary     5       Transmission     26,6462       Transmission     5       Demand Rate By Voltage @ Meter \$KW     5       Secondary     5       Primary     5       Transmission     5       Demand Rate By Voltage @ Meter \$Kounded\$     5       Primary     5       Transmission     5       Demand Rate By Voltage @ Meter \$Kounded\$     5       Secondary     5       Transmission     5       Proof of Revenue Calculations:     5       Secondary     5       Transmission     5       Trans	8 7	Total Class Revenues Related to Demand	69	1,723	Sum Lines 17; 18; & 19	20
Secondary Transmission     20,424 (126       Transmission     2,329       Transmission     2,329       Demand Rate By Voltage @ Meter \$KW     2,3597       Secondary     2,3597       Fransmission     2,3597       Demand Rate By Voltage @ Meter \$KW     5       Secondary     5       Primary     5       Transmission     5       Demand Rate By Voltage @ Meter \$Kounded\$     5       Primary     5       Transmission     5       Demand Rate By Voltage @ Meter \$Kounded\$     5       Primary     5       Transmission     5       Primary     5       Transmission     5       Coold Resenues @ Proposed Rates     5       Transmission     5       Transmission     5       Transmission     5	3 2	<u>Demand Determinants By Voltage Level @ Meter (Monthly Max-Demand): MW</u>				14 2
Primary     4.126       Tarasmission     1,425       Transmission     25,975       Demand Rate By Voltage @ Meter \$KW     5     0.06685       Secondary     5     0.066462       Finary     5     0.066462       Transmission     5     0.066462       Demand Rate By Voltage @ Meter (Rounded) \$KW     5     0.06       Secondary     5     0.06       Transmission     5     0.06       Primary     5     0.06       Transmission     5     0.06       Primary     5     0.06       Transmission     5     0.06       Primary     5     1.430       Primary     5     1.430       Transmission     5     1.763       Proof of Revenues Related to Demand @ Proposed Rates     5     2.264       Secondary     5     2.264       Ofference     5     2.06	ន	Secondary	_	20,424	Statement BL, Page 16, Line 14	ន
Total     1,425       Total     25,975       Demand Rate By Voltage @ Meter \$rkW     5     0.06665       Secondary     5     0.06665       Primary     5     0.06665       Transmission     5     0.06665       Demand Rate By Voltage @ Meter (Rounded) \$rkW     5     0.06665       Demand Rate By Voltage @ Meter (Rounded) \$rkW     5     0.06       Demand Rate By Voltage @ Meter (Rounded) \$rkW     5     0.06       Secondary     5     0.06       Transmission     5     0.06       Proof of Revenue Calculations:     5     1,430       Secondary     5     1,430       Proof of Revenues Related to Demand @ Proposed Rates     5     1,630       Total Class Revenues @ Proposed Rates     5     2,264       Difference     5     2,06	24	Primary Terrentieries		4,126	Statement BL, Page 16, Line 15	24
Demand Rate By Voltage @ Meter \$/kW     \$ 0.06685       Secondary     \$ 0.06662       Transmission     \$ 0.06642       Transmission     \$ 0.06642       Demand Rate By Voltage @ Meter (Rounded) \$/kW     \$ 0.06642       Secondary     \$ 0.06642       Tansmission     \$ 0.06642       Demand Rate By Voltage @ Meter (Rounded) \$/kW     \$ 0.066       Secondary     \$ 0.07       Transmission     \$ 0.06       Transmission     \$ 0.06       Proof of Revenue Calculations:     \$ 0.06       Secondary     \$ 0.06       Transmission     \$ 0.06       Frond of Revenues Related to Demand @ Proposed Rates     \$ 1,430       Total Class Revenues @ Proposed Rates     \$ 2,264       Difference     \$ 2,264       Difference     \$ 5	3 2	Total		25,975	Statement BL, Page 16, Line 16 Sum Lines 23: 24: & 25	22 %
Demand Aate By Voltage @ Meter SkW     \$ 0.06685       Secondary     \$ 0.006462       Transmission     \$ 0.006462       Demand Rate By Voltage @ Meter (Rounded) \$kW     \$ 0.00544       Demand Pate By Voltage @ Meter (Rounded) \$kW     \$ 0.006       Secondary     \$ 0.006       Transmission     \$ 0.006       Transmission     \$ 0.006       Primary     \$ 0.006       Transmission     \$ 0.006       Transmission     \$ 0.006       Proof of Revenue Calculations:     \$ 1,430       Secondary     \$ 1,430       Proof of Revenue Calculations:     \$ 1,430       Secondary     \$ 1,430       Transmission     \$ 2,264       Total Class Revenues @ Proposed Rates     \$ 2,264       Secondary     \$ \$ 2,264       Difference     \$ \$ 2,264	51					27
Primary     5     0.06462       Transmission     5     0.06462       Demand Rate By Voltage @ Meter (Rounded) \$/KW     5     0.06452       Secondary     5     0.06       Primary     5     0.06       Primary     5     0.06       Primary     5     0.06       Proof of Revenue Calculations:     5     1,430       Proof of Revenue Calculations:     5     1,430       Proof of Revenue Calculations:     5     248       Primary     5     1,630       Primary     5     2264       Primary     5     2264       Primary     5     28       Primary     5     28	87 82	Demand Rate By Voltage @ Meter \$/kW Secondary	U	0.06606		38
Transmission     5     0.06394       Demand Rate By Voltage @ Meter (Rounded) \$RW     5     0.06       Secondary     5     0.06       Primary     5     0.06       Proof of Revenue Calculations:     5     1,430       Secondary     5     1,430       Proof of Revenue Calculations:     5     1,430       Proof of Revenue Calculations:     5     1,430       Secondary     5     1,430       Proof of Revenues Related to Demand @ Proposed Rates     5     264       Transmission     5     264       Transmission     5     264       Otal Class Revenues Related to Demand @ Proposed Rates     5     264       Total Class Revenues @ Proposed Rates     5     264       Difference     5     28	3	Primary	• •	0.06462	Line 1 / / Line 25 Line 18 / Line 24	5 6
Demand Rate By Voltage @ Meter (Rounded) \$/KW \$ \$ 0.07 Secondary \$ \$ 0.06 Primary \$ \$ 0.06 Transmission \$ \$ 1,430 Recordary \$ \$ 1,430 Secondary \$ \$ 1,430 Secondary \$ \$ 248 Transmission \$ \$ 1,733 Total Class Revenues Related to Demand @ Proposed Rates \$ \$ 2,264 Total Class RS Revenues @ Proposed Rates \$ \$ 2,264 Difference \$ \$ Difference \$ \$ 2264	5	Transmission	\$	0.06394	Line 19/Line 25	8
Secondary     \$ 0.07       Primary     \$ 0.06       Transmission     \$ 0.06       Proof of Revenue Calculations:     \$ 1,430       Recondary     \$ 1,430       Secondary     \$ 2,48       Transmission     \$ 1,430       Transmission     \$ 2,48       Transmission     \$ 2,48       Transmission     \$ 2,48       Transmission     \$ 2,48       Total Class Revenues Related to Demand @ Proposed Rates     \$ 2,264       Total Class Revenues @ Proposed Rates     \$ 2,264       Difference     \$ 5     28	1 8	Demand Rate By Voltage @ Meter (Rounded) \$/kW				33
Primary     \$ 0.06       Transmission     \$ 0.06       Proof of Revenue Calculations:     \$ 1,430       Secondary     \$ 1,430       Secondary     \$ 248       Transmission     \$ 248       Total Class Revenues Related to Demand @ Proposed Rates     \$ 2,264       Total Class RS Revenues @ Proposed Rates     \$ 2,264       Difference     \$ 5     28	8	Secondary	\$	0.07	Line 29 Rounded to 2 Decimal places	. <del>κ</del>
Arabinission Proof of Revenue Calculations: Secondary Secondary Secondary Secondary Secondary Calculary Transmission Total Class Revenues @ Proposed Rates Total Class Revenues @ Proposed Rates Secondary Secon	35	Primary	\$	0.06	Line 30 Rounded to 2 Decimal places	35
Proof of Revenue Calculations:     5     1,430       Secondary     248       Primary     248       Transmission     85       Transmission     85       Total Class Revenues Related to Demand @ Proposed Rates     5     1,563       Total Class RS Revenues @ Proposed Rates     5     2264       Difference     5     228	2 6		æ	0.06	Line 31 Rounded to 2 Decimal places	χ.
Secondary Primary 248 Transmission 248 Transmission 6 Total Class Revenues Related to Demand @ Proposed Rates 5 1,763 Total Class RS Revenues @ Proposed Rates 5 2.264 Difference 5 2.264	38	<u>Proof of Revenue Calculations:</u>				in 88
248     248       Transmission     85       Transmission     85       Total Class Revenues Related to Demand @ Proposed Rates     5     1,763       Total Class RS Revenues @ Proposed Rates     5     2.264       Difference     5     2.264	6	Secondary	\$	1,430	Line 23 x Line 34	66
Tatistuitiston Total Class Revenues Related to Demand @ Proposed Rates Total Class RS Revenues @ Proposed Rates Difference Difference	3 5			248	Line 24 x Line 35	4
Total Class RS Revenues @ Proposed Rates \$ 2.264 Difference \$ \$ 28	4	Total Class Revenues Related to Demand @ Proposed Rates	\$	1,763	Line 25 x Line 36 Sum Lines 39: 40: & 41	4 4
Total Class RS Revenues @ Proposed Rates S 2.264 Difference S Proposed Rates S 2.28	4	- 8				4
Difference S 28	4 :	Total Class RS Revenues @ Proposed Rates	\$	2,264	Line 11 + Line 42	3 4
27 27	<del>4</del>	Difference		78	· I include I include	\$ \$
				97	1 - 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	<del>ç</del>

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Notes:

<sup>1</sup> Medium-Large commercial customers include the following California Fublic Utilities Commission (CFUC) rariffs: AD, AY-TOU, AL-TOU, DG-R, and OL-TOU <sup>2</sup> On lines 17 -19, the percentages shown in the reference column are based on ratios developed from the 12-CP Allocation Faztors demands shown on Statement BL, page 15, lines 30 - 32, column (d). In developing the ratios, the demand determinants were converted to transmission level by applying the following loss factors: a) Secondary = 1.0457; b) Primary = 1.0108; and c) Transmission = 1.0000.

Statement BL - RS 2015.xls - Medium & Large Commercial

Statement BL SAN DIEGO GAS AND ELECTRIC COMPANY 2015 Reliability Service - Rate Design Information Agricultural - Schedules PA and TOU-PA Customers<sup>1</sup> (\$000)

Line No. 5 1 ŝ 4 9 8 9 8 Ś Statement BD, Page 2, Lines 11 and 17, Col. A Statement BD, Page 2, Lines 11, Col. A Statement BL, Page 5, Line 7, Col. C Line 5 Rounded to 5 Decimal places Line 15 x Line 17 Line 1 - Line 19 Line 1 - Line 11 Line 3 x Line 7 Line 1 / Line 3 Reference Line 9 Line 7 315,433 0 50 82,920 0.00016 37 50 50 0.00016 13 Commodity Rate & 0.0001591 **Proof of Revenues** Derivation of Calculation ω Э \$ \$ Ω Ω 6 6 ξ Annual Revenues from Schedules PA and TOU-PA Energy Rates Schedules PA and TOU-PA Billing Determinants (MWh) Total Agricultural Rate for Schedule PA and TOU-PA RS Revenues Allocated to Agricultural Customers Customer Classes Billing Determinants - Agricultural @ MWH: Total Class Revenues @ Proposed Rates Total Class Revenues @ Proposed Rates Revenues Allocated to Schedule PA-T-1 Rate Per kWh Calculation - Rounded Rate Per kWh Calculation<sup>2</sup> Difference Line °. 5 7 ω4

Notes:

<sup>1</sup> The RS rates for customers on California Public Utilities Commission (CPUC) agricultural tariffs Schedules PA and TOU-PA are 100% energy rates. <sup>2</sup> The RS rate for customers on Schedules PA and TOU-PA is set equal to the total RS revenues allocated to the Agricultural class divided by the total billing determinants for the Agricultural class.

<sup>3</sup> Revenues Allocated to Schedule PA-T-1 equals the total Agricultural class RS revenues minus the annual revenues from Schedules PA and TOU-PA.

Statement BL - RS 2015.xls - Agricultural - Sch PA

#### Statement BL SAN DIEGO GAS AND ELECTRIC COMPANY 2015 Reliability Service - Rate Design Information Agricultural - Schedule PA-T-1 Customers<sup>1</sup> (3000)

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Total RS Revenues Allocated to Schedule PA-T-1 Agricultural Customers       \$ 37         Schedule PA-T-1 RS Revenues Related to Energy       \$ 50000513         Total PA-T-1 Energy Rate Per Unit @ SkWh (Rounded)       \$ 00000513         PA-T-1 Energy Rate Per Unit @ SkWh (Rounded)       \$ 00000513         PA-T-1 Energy Rate Per Unit @ SkWh (Rounded)       \$ 00000513         PA-T-1 Energy Rate Per Unit @ SkWh (Rounded)       \$ 00000513         Total RS PA-T-1 RS Revenues Related to Energy @ Proposed Rates       \$ 00000513         Schedule PA-T-1 RS Revenues Related to Demand       \$ 00000513         Schedule PA-T-1 RS Revenues Related to Demand       \$ 00000513         Allocation of PA-T-1 Revenues Related to Demand       \$ 00000513         Schedule PA-T-1 RS Revenues Related to Demand       \$ 00000513         Allocation of PA-T-1 Revenues Related to Demand       \$ 00000513         Schedule PA-T-1 Revenues Related to Demand       \$ 00000513         Total PA-T-1 Revenues Related to Demand       \$ 00000513 <td< th=""><th>Line No.</th><th>Customer Classes</th><th>Derivation of Commodity Rate &amp; Proof of Revenues Calculation</th><th>Reference</th><th>Line No.</th></td<>	Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
Schledule PA-T-1 RS Revenues Related to Energy     5     12       Total PA-T-1 Energy Sales     232,513       Total PA-T-1 Energy Sales     232,513       PA-T-1 Energy Sales     20000513       PA-T-1 Energy Rate Per Unit @ SKWh (Rounded)     5     0000051       PA-T-1 Energy Rate Per Unit @ SKWh (Rounded)     5     0000051       PA-T-1 Energy Rate Per Unit @ SKWh (Rounded)     5     0000051       PA-T-1 Energy Rate Per Unit @ SKWh (Rounded)     5     0000051       Fould RS PA-T-1 RS Revenues Related to Energy @ Proposed Rates     5     21       Schedule PA-T-1 RS Revenues Related to Demand     5     23       Schedule PA-T-1 RS Revenues Related to Demand     5     23       Reserves @ Secondary Level - 85.17%     5     26       RS Revenues @ Primary Level - 14.83%     5     26       RS Revenues @ Primary Level - 0.00%     5     28       Total PA-T-1 Revenues Related to Demand     5     26       RS Revenues @ Primary Level - 14.83%     5     202404       RS Revenues @ Primary Level - 2.00%     5     202404       RS Revenues @ Primary Level - 2.00%     5     202404       RS Revenues @ Primary     5     26       RS Revenues @ Primary     5     202404       Reserved and Rate By Voltage @ Meter S/KW     5     002404 </td <td></td> <td>Total RS Revenues Allocated to Schedule PA-T-1 Agricultural Customers</td> <td></td> <td>Statement BL, Page 10, Line 21</td> <td>-</td>		Total RS Revenues Allocated to Schedule PA-T-1 Agricultural Customers		Statement BL, Page 10, Line 21	-
Tonal PA-T-1 Energy States     232,513       PA-T-1 Energy Rate Per Unit @ SKWh     5     00000513       PA-T-1 Energy Rate Per Unit @ SKWh (Rounded)     5     00000513       PA-T-1 Energy Rate Per Unit @ SKWh (Rounded)     5     00000513       PA-T-1 Energy Rate Per Unit @ SKWh (Rounded)     5     00000513       Scheckule PA-T-1 XS Revenues Related to Energy @ Proposed Rates     5     21       Scheckule PA-T-1 XS Revenues Related to Demand     5     221       Scheckule PA-T-1 XS Revenues Related to Demand     5     221       Scheckule PA-T-1 Revenues Related to Demand     5     221       Scheckule PA-T-1 Revenues Related to Demand     5     235       Chall Restriction Level - 0.00%     5     235       RS Revenues @ Transmission Level - 0.00%     5     235       Chall PA-T-1 Revenues Related to Demand     5     20000       Data PA-T-1 Revenues Related to Demand     5     0002404       Chall PA-T-1 Revenues Related to Demand     5     0002404       Provid     7     5     25       Provid     7     5     200       Provid     7     5     0002404       Secondary     5     0002404     5       PA-T-1 Revenues Related to Demand     5     0002404       Provid     5     00024	1	Schedule PA-T-1 RS Revenues Related to Energy		(Statement BL, Page 5, Line 7, Col. B / Line 7, Col. C) x Line 1	M M
P.A. <sup>T.1</sup> Energy Rate Per Unit @ StWh     5     00000513       P.A. <sup>T.1</sup> Energy Rate Per Unit @ StWh (Rounded)     5     0000051       P.A. <sup>T.1</sup> Energy Rate Per Unit @ StWh (Rounded)     5     0000051       Total RS P.A. <sup>T.1</sup> Revenues Related to Energy @ Proposed Rates     5     0000051       Schedule P.A. <sup>T.1</sup> RS Revenues Related to Demand     5     23       Schedule P.A. <sup>T.1</sup> RS Revenues Related to Demand     5     21       Allocation of P.A. <sup>T.1</sup> RS Revenues Related to Demand     5     23       Allocation of P.A. <sup>T.1</sup> Revenues Related to Demand     5     23       RS Revenues @ Secondary     5     5     4       RS Revenues @ Secondary     5     5     23       RS Revenues @ Finany     5     24       Secondary     7     5     000       Total P.A. <sup>T.1</sup> Revenues Related to Demand     5     000       Secondary     7     5     00       Total D.A. <sup>T.1</sup> Revenues Related to Demand     5     00       Secondary     7     5     00       Total RA. <sup>T.1</sup> Rathinay     5     00	+ 10 1	Total PA-T-1 Energy Sales	232,513	Statement BD, Page 2, Line 17, Col. C	4 v
PA-T-1 Energy Rate Per Unit @ SKWh (Rounded)     5     000005       Toual RS PA-T-1 Revenues Related to Energy @ Proposed Rates     5     12       Schedule PA-T-1 RS Revenues Related to Demand     5     23       Schedule PA-T-1 RS Revenues Related to Demand     5     23       Allcantion of CA-T-1 RS Revenues Related to Demand     5     21       Allcantion of CA-T-1 RS Revenues Related to Demand     5     21       Stevenues @ Primary Level - 51.1%     5     23       RS Revenues @ Primary Level - 0.00%     5     23       RS Revenues @ Primary Level - 0.00%     5     23       RS Revenues @ Primary Level - 0.00%     5     23       RS Revenues @ Primary Level - 0.00%     5     23       RS Revenues @ Primary Level - 0.00%     5     23       RS Revenues @ Primary Level - 0.00%     5     23       RS Revenues @ Primary Level - 0.00%     5     23       RS Revenues @ Primary Level - 0.00%     5     002406       PA-T-1 Revenues Related to Demand     5     002406       Parand Dater By Voltage @ Meter SkWW     5     002406       PA-T-1 Demand Rate By Voltage @ Meter (Rounded) SKW     5     002       PA-T-1 Demand Rate By Voltage @ Meter (Rounded) SKW     5     002       Primary     7     5     002       Primary <td></td> <td>PA-T-1 Energy Rate Per Unit @ \$/kWh</td> <td>\$ 0.0000513</td> <td>Line 3 / Line 5</td> <td>9 10</td>		PA-T-1 Energy Rate Per Unit @ \$/kWh	\$ 0.0000513	Line 3 / Line 5	9 10
Total RS PA-T-1 Revenues Related to Energy @ Proposed Rates     5     12       Schedule PA-T-1 RS Revenues Related to Demand     5     25       Schedule PA-T-1 RS Revenues Related to Demand     5     25       Allecation of CA-T-1 Demand Revenue Remitements to Yoltage Level. <sup>2</sup> 5     21       RS Revenues @ Primary Level 1 4.35%     5     25       RS Revenues @ Transmission Level 1 4.35%     5     25       RS Revenues @ Transmission Level 1 4.35%     5     25       Recenters @ Primary Level 1 4.35%     5     25       RS Revenues @ Transmission Level 0.00%     5     25       Demand Determinents Pr Yoltage @ Meter SkW     5     0.02460       Demand Determinents Pr Voltage @ Meter SkW     5     0.02460       Part-1 Demand Rate By Voltage @ Meter SkW     5     0.02460       PA-T-1 Demand Rate By Voltage @ Meter SkW     5     0.02460       PA-T-1 Demand Rate By Voltage @ Meter SkW     5     0.02460       PA-T-1 Demand Rate By Voltage @ Meter SkW     5     0.02460       PA-T-1 Demand Rate By Voltage @ Meter SkW     5     0.02460       PA-T-1 Demand Rate By Voltage @ Meter SkW     5     0.02460       PA-T-1 Demand Rate By Voltage @ Meter SkW     5     0.02460       Paramission     5     0.02       Total Rate By Voltage @ Meter SkW	• • •	PA-T-1 Energy Rate Per Unit @ \$/kWh (Rounded)	S 0.00005	Line 7 Rounded to 5 Decimal places	00 O
Schedule PA-T-1 RS Revenues Related to Demand     S     25       Allocation of PA-T-1 RS Revenues Related to Demand     21     21       RS Revenues @ Primary Level - 83.17%     S     21       RS Revenues @ Transmission     S     21       RS Revenues @ Transmission     S     23       RS Revenues @ Transmission     S     23       PA-T-1 Revenues @ Transmission     S     23       PA-T-1 Revenues @ Transmission     S     23       Primary     Secondary     S     25       Primary     Transmission     1100       PA-T-1 Demand Rate By Voltage @ Meter S/kW     S     0.02490       Secondary     S     0.02404     S       PA-T-1 Demand Rate By Voltage @ Meter S/kW     S     0.02404       Secondary     S     0.02404     S       PA-T-1 Demand Rate By Voltage @ Meter S/kW     S     0.02404       Secondary     S     0.02404     S       PA-T-1 Demand Rate By Voltage @ Meter S/kW     S     0.02404       Secondary     S     0.02404     S       Transmission     Total Rate By Voltage @ Meter S/kW     S     0.022       PA-T-1 Demand Rate By Voltage @ Meter S/kW     S     0.022       Secondary     S     0.022     3       PA-T-1 Dem	11 12 12	Total RS PA-T-1 Revenues Related to Energy @ Proposed Rates		Line 5 x Line 9	2 = 5
dilecation of 7A-T-1 Damma Revenues (Remirements to Voltace Level. 2       \$ 21         RS Revenues (B Secondary Level 85.17%       \$ 28         RS Revenues (B Transr): Evel 14.33%       \$ 28         RS Revenues (B Transr): Evel 0.00%       \$ 5         Total PA-T-1 Revenues Related to Demand       \$ 5         Parant Determinant & Voltage (D Meter Adomth'to Max-Demand). MT       \$ 5         Secondary       \$ 154         Parant Determinant & Voltage (D Meter S/KW)       \$ 0.02490         Secondary       \$ 0.02490         Frimary       \$ 0.02490         Transmission       \$ 0.02490         Frimary       \$ 0.02404         Secondary       \$ 0.02404         Frimary       \$ 0.02404         Transmission       \$ 0.02404         Frimary       \$ 0.02404         Secondary       \$ 0.02404         Secondary       \$ 0.02404         Frimary       \$ 0.02404         Transmission       \$ 0.02404         Frinary       \$ 0.02404         Secondary       \$ 0.022         Fransmission       \$ 0.022         Transmission       \$ 0.022         Transmission       \$ 0.022         Frinary       \$ 0.022 <td< td=""><td>ω 4 v</td><td>Schedule PA-T-1 RS Revenues Related to Demand</td><td></td><td>Line I - Line 11</td><td>E 7</td></td<>	ω 4 v	Schedule PA-T-1 RS Revenues Related to Demand		Line I - Line 11	E 7
RS Revenues @ Primary. Level 14.33%     4       RS Revenues @ Transmission Level. 0.00%     5     25       Reard Data PA-T-1 Revenues @ Transmission Level. 0.00%     5     25       Pamand Daterminants Prizolacet Level @ Mater Adomth's Max-Demands. MTY     855     855       Primary     154     154       Transmission     154     154       Primary     154     1600       Transmission     1600     164       PA-T-1 Demand Rate By Voltage @ Meter SKW     5     0.02490       Secondary     5     0.02404       Finansy     7     5     0.02404       Fransmission     7     5     0.02       PA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/KW     5     0.02       Secondary     5     0.02       PA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/KW     5     0.02       Secondary     5     0.02       PA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/KW     5     0.02       Primary     5     0.02       PA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/KW     5     0.02       Secondary     5     0.02       PA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/KW     5     0.02       Secondary     5     0.02       Secondary     5	101	d <u>llocation of DA-T-I</u> Demand Revenue Reautiements to Volaça Level: - <sup>2</sup> RS Revenues @ Secondary Level - 85.17%		Line 14 × 85.17%	18 5
Darand Determinants Pr Izolacse Level @ Mater Monthly Max-Demand). MT     855       Secondary     154       Transmission     154       Transmission     1,009       PA-T-1 Demand Rate By Voltage @ Meter SKW     5     0.02490       Secondary     5     0.02490       Frimary     5     0.02404       PA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/KW     5     0.02404       Secondary     5     0.02404       Frinary     5     0.02       Transmission     5     0.02       PA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/KW     5     0.02       Secondary     5     0.02       Primary     5     0.02       Transmission     5     0.02       Primary     5     0.02       Secondary     5     0.02       Transmission     5     0.02       Primary     5     3       Secondary     5     3       Oral Schedule PA-T-1 RS Revenues @ Proposed Rates     5     5       Dial Schedule PA-T-1 RS Revenues @ Proposed Rates     5     5	» ~ O	ics kevenues @ Primary Level - 1 4.33% RS Revenues @ Transmission Level - 0.00% And IPA-T-1 Revenues Related to Demand	\$ - 4	Line 14 x 14,83% Line 14 x 0,00% Sum Lines 17: 18: & 19	8 6 02
Secondary     855       Primary     154       Transmission     1000       Transmission     1000       PA-T-1 Demand Rate By Voltage @ Meter S/kW     5     0.02490       Recordary     5     0.02404       Recordary     5     0.02404       PA-T-1 Demand Rate By Voltage @ Meter S/kW     5     0.02404       Recordary     5     0.02404       Secondary     5     0.02       PA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/kW     5     0.02       PA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/kW     5     0.02       PA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/kW     5     0.02       Primary     5     0.02       Primary     5     0.02       Primary     5     3       Secondary     5     3       Coals Secondary     5     3       Primary     5     3       Secondary     5     3       Coals Secondary     5     3       Primary     5     3       Transmission     7     5       Transmission     5     3       Oral Schedule PA-T-1 RS Revenues @ Proposed Rates     5       Total Schedule PA-T-1 RS Revenues @ Proposed Rates     5       Secon		Domand Datamironte Bu Voltona I and © Maine 2.2-446. Maine Datamed 1.2.777			5
Transmission     154       Transmission     1,009       FA-T-I Demand Rate By Voltage @ Meter SKW     5     0.02490       Secondary     5     0.02404       Secondary     5     0.02404       PA-T-I Demand Rate By Voltage @ Meter SKW     5     0.02404       Secondary     5     0.02404       PA-T-I Demand Rate By Voltage @ Meter (Rounded) S/KW     5     0.02       PA-T-I Demand Rate By Voltage @ Meter (Rounded) S/KW     5     0.02       PA-T-I Demand Rate By Voltage @ Meter (Rounded) S/KW     5     0.02       PA-T-I Demand Rate By Voltage @ Meter (Rounded) S/KW     5     0.02       Paramary     5     0.02       Paramary     5     0.02       Primary     5     0.02       Primary     5     3       Primary     5     3       Transmission     7     5       Total Schedule PA-T-I RS Revenues @ Propo	1	examine exercition of a success to the interest internation of the interest interest of the second arts and a success of the second arts and arts and a success of the second arts and arts and arts and a success of the second arts and a success of the second arts and a success of the second arts and arts a	855	Statement BL, Page 16, Line 21	ដ ដ
Total PA-T-1       1.009         PA-T-1 Demand Rate By Voltage @ Meter S/kW       \$ 0.02490         Secondary       \$ 0.02404         Pinnary       \$ 0.02404         Transmission       \$ 0.02404         FA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/kW       \$ 0.02404         FA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/kW       \$ 0.02         FA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/kW       \$ 0.02         PA-T-1 may       \$ 0.02         Paramitsion       \$ 0.02         Primary       \$ 0.02         Primary       \$ 0.02         Primary       \$ 0.02         Prostof of Revenue Calculations:       \$ 0.02         Secondary       \$ 0.02         Primary       \$ 0.02         Primary       \$ 0.02         Primary       \$ 17         Primary       \$ 17         Primary       \$ 20         Total Schedule PA-T-1 RS Revenues @ Proposed Rates       \$ 32         Potal Schedule PA-T-1 RS Revenues @ Proposed Rates       \$ 5       \$ 5         Difference       \$ 5       \$ 5       \$ 5	4 10	rrmary Transmission	154	Statement BL, Page 16, Line 22 Statement BL, Page 16, Line 23	2 2
PA-T-1 Demand Rate By Voltage @ Meter S/kW       \$ 0.02490         Secondary       \$ 0.02490         Pinnary       \$ 0.02404         Transmission       \$ 0.02404         FA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/kW       \$ 0.022         FA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/kW       \$ 0.022         FA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/kW       \$ 0.02         Secondary       \$ 0.02         Pinnary       \$ 0.02         Primary       \$ 0.02         Primary       \$ 0.02         Prostof of Revenue Calculations:       \$ 0.02         Prostof of Revenue Calculations:       \$ 0.02         Prostof of Revenue Calculations:       \$ 0.02         Primary       \$ 0.02         Prostof of Revenue Calculations:       \$ 0.02         Prostof of Revenue Calculations:       \$ 0.02         Primary       \$ 0.02         Prostof of Revenue Calculations:       \$ 0.02         Primary       \$ 0.02         Primary       \$ 0.02         Primary       \$ 0.02         Primary       \$ 0.02         Prostof of Revenue Calculations:       \$ 0.02         Primary       \$ 0.02         Pratancision       \$ 0.02 <td>9 1</td> <td>Total PA-T-1</td> <td>1,009</td> <td>Sum Lines 23; 24; &amp; 25</td> <td>26</td>	9 1	Total PA-T-1	1,009	Sum Lines 23; 24; & 25	26
Primary     5     0.02490       PA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/KW     5     0.02404       PA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/KW     5     0.02       Secondary     5     0.02       Primary     5     3       Primary     5     3       Primary     5     3       Primary     5     3       Oral Schedule PA-T-1 Rcwnues Related to Demand @ Proposed Rates     5     32       Total Schedule PA-T-1 RS Revenues @ Proposed Rates     5     32       Difference     5     5     5		PA-T-1 Demand Rate By Voltage @ Meter S/kW			28
Transmission     \$     \$     \$       PA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/KW     \$     \$     0.02       Pinnary     \$     \$     0.02       Pinnary     \$     \$     0.02       Transmission     \$     \$     0.02       Proposof of Revenue Calculations:     \$     \$     0.02       Proposof of Revenue Calculations:     \$     \$     17       Primary     \$     \$     \$     17       Primary     \$     \$     \$     \$       Transmission     Transmission     \$     \$     \$       Transmission     Transmission     \$     \$     \$       Transmission     Total Schedule PA-T-1 Revenues @ Proposed Rates     \$     \$     \$       Total Schedule PA-T-1 RS Revenues @ Proposed Rates     \$     \$     \$     \$       Difference     \$     \$     \$     \$     \$	, o	secondary Primary .		Line 17/Line 23 Line 18/Line 24	52 8
PA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/kW       \$ 0.02         Secondary       \$ 0.02         Primary       \$ 0.02         Transmission       \$ 0.02         Proof of Revenue Calculations:       \$ 0.02         Performacy       \$ 0.02         Prosof of Revenue Calculations:       \$ 0.02         Proof of Revenue Calculations:       \$ 0.02         Proof of Revenue Calculations:       \$ 0.02         Protal Schedule PA-T-1 Revenues Related to Demand @ Proposed Rates       \$ 32         Total Schedule PA-T-1 RS Revenues @ Proposed Rates       \$ 32         Difference       \$ (5)	- 0	Transmission		Line 19/Line 25	1 15 1
Secondary Primary Transmission Proof of Revenue Calculations: Recoof dry Secondary Transmission Total Schedule PA-T-1 Revenues Related to Demand @ Proposed Rates Total Schedule PA-T-1 RS Revenues @ Proposed Rates Total Schedule PA-T-1 RS Revenues @ Proposed Rates Total Schedule PA-T-1 RS Revenues @ Proposed Rates Secondary Total Schedule PA-T-1 RS Revenues @ Proposed Rates Secondary Secondary Schedule PA-T-1 RS Revenues @ Proposed Rates Secondary Schedule PA-T-1 RS Revenues @ Proposed Rates Secondary Schedule PA-T-1 RS Revenues @ Proposed Rates Secondary Schedule PA-T-1 RS Revenues @ Proposed Rates Schedule PA-T-1 RS Revenues @ Proposed Rates	1 m	PA-T-1 Demand Rate By Voltage @ Meter (Rounded) S/kW			3 2
Transmission     5     0.02       Proof of Revenue Calculations:     5     0.02       Secondary     5     17       Secondary     5     17       Primary     3     3       Transmission     5     20       Total Schedule PA-T-1 Revenues @ Proposed Rates     5     32       Total Schedule PA-T-1 RS Revenues @ Proposed Rates     5     32       Difference     5     5     (5)	4 10	Secondary		Line 29 Rounded to 2 Decimal places	34
Proof of Revenue Calculations.     \$ 17       Secondary     \$ 17       Primary     3       Pransition     3       Transartision     \$ 20       Total Schedule PA-T-1 RS Revenues Related to Demand @ Proposed Rates     \$ 32       Total Schedule PA-T-1 RS Revenues @ Proposed Rates     \$ 32       Difference     \$ 5 32	01	Tansmission		Line 30 Rounded to 2 Decimal places	3.8
Secondary     \$ 17       Primary     3       Transmission     3       Transmission     5       Total Schedule PA-T-1 Rcvenues Related to Demand @ Proposed Rates     \$ 32       Total Schedule PA-T-1 RS Revenues @ Proposed Rates     \$ 32       Difference     \$ 5     \$ 5	~ 80	Proof of Revenue Calculations:			37
Pransision Transmission Total Schedule PA-T-1 Revenues Related to Demand @ Proposed Rates Total Schedule PA-T-1 RS Revenues @ Proposed Rates Difference Difference	0 0	Secondary		Line 23 x Line 34	68
Total Schedule PA-T-1 Revenues Related to Demand @ Proposed Rates     S     20       Total Schedule PA-T-1 RS Revenues @ Proposed Rates     S     32       Difference     S     (5)		r mary Transmission	. υ	Line 24 x Line 35 Line 25 x Line 36	44
Total Schedule PA-T-1 RS Revenues @ Proposed Rates Schedule PA-T-1 RS Revenues @ Proposed Rates Schedule PA-T-1 RS Revenues @ Proposed Rates (5)	4 (	Total Schedule PA-T-1 Revenues Related to Demand @ Proposed Rates		Sum Lines 39; 40, & 41	: 4
Difference 5 (5)	2 4 4	Total Schedule PA-T-1 RS Revenues @ Proposed Rates		Line 11 + Line 42	<del>8</del> 4
	2 22	Difference	<b>S</b> (5)	Line 44 - Line 1	45 46

Notes:

<sup>1</sup> The RS must for customers on California Public Utilities Commission (CPUC) agricultural tariff Schedules PA-T-1 reflect non-coincident demand charges and energy rates <sup>2</sup> On lines 17 -19, the percentages shown in the reference column are based on ratios developed from the 12-CP Allocation Factors demands shown on Statement BL, page 15, lines 39 - 41, column (d). In developing the ratios, the demand determinants were converted to transmission level by applying the following loss factors: a) Secondary = 1,0457; b) Primary = 1,0108; and c) Transmission = 1,0000.

Statement BL - RS 2015.xts - Agricultural - Sch PA-T-1

2015 Reliability Service - Rate Design Information SAN DIEGO GAS AND ELECTRIC COMPANY Street Lighting Customers<sup>1</sup> Statement BL

Line No. 10 11 11 11 11 11 11 11 11 с 9 8 9 2 Ś 4 Statement BD, Page 2, Line 19, Col. A Statement BL, Page 5, Line 9, Col. C Line 5 Rounded to 5 Decimal places Line 3 x Line 7 Line 1 / Line 3 Reference 91,891 19 19 0.0002086 0.00021 Commodity Rate & **Proof of Revenues** Derivation of Calculation (2000) ω ω δ 6 Billing Determinants - Street Lighting Customers @kWh: RS Revenues Allocated to Street Lighting Customers Customer Classes Rate Per kWh Calculation - Rounded Rate Per kWh Calculation

Line No.

10

Line 1 - Line 11 Line 9 Line 7 0 19 0.00021 З 643 ŝ Total Class Revenues @ Proposed Rates Total Street Lighting Rate Proof of Revenues: Difference 

Notes:

<sup>1</sup> Street lighting customers include the following California Public Utilities Commission (CPUC) tariffs: DWL, OL-1, OL-2, LS-1, LS-2, and LS-3.

Statement BL - RS 2015.xls - Street Lighting

Statement BL SAN DIEGO GAS AND ELECTRIC COMPANY 2015 Reliability Service - Rate Design Information Standby Customers<sup>1</sup> (\$000)

Line No.	Customer Classes	Derivation of Standby Surcharge & Proof of Revenues Calculation	e &	Reference	Line No.
	<u>Derivation of Demand Rate:</u> Demand Revenue Requirement	ы	59	Statement BL, Page 5, Line 11, Col. C	- 6 1
	<u>Allocation of Revenue Requirements to Voltage Level:</u> RS Revenues @ Secondary Level - 6.03% RS Revenues @ Primary Level - 58.74% RS Revenues @ Transmission Level - 35.23% Total Class Revenue Requirement	<del>сл</del> сл	4 35 21 59	Line 2 x 6.03% Line 2 x 58.74% Line 2 x 35.23% Surn Lines 5; 6; & 7	n 4 in 10 1- 00 c
01264	Demand Determinants By Voltage Level @ Meter (Contract Demand) MW Secondary Primary Transmission Total	1,1	119 1,199 727 2,045	Statement BL, Page 16, Line 28 Statement BL, Page 16, Line 29 Statement BL, Page 16, Line 30 Sum Lines 11; 12; & 13	0110164
116 118 118	Demand Rate By Voltage Level @ Meter \$/kW Secondary Primary Transmission	\$ 0.02974 \$ 0.02884 \$ 0.02855	974 884 855	Line 5 / Line 11 Line 6 / Line 12 Line 7 / Line 13	15 16 17 18 18
22222222	Demand Rate By Voltage Level @ Meter (Rounded) \$/kW Secondary Primary Transmission	000	0.03 0.03 0.03	Line 17 Rounded to 2 Decimal places Line 18 Rounded to 2 Decimal places Line 19 Rounded to 2 Decimal places	2 2 2 2 2 2 2
22 22 30 30 30 30 30 30 30 30 30 30 30 30 30	<u>Proof of Revenue Calculations:</u> Secondary Primary Transmission Total Class Revenue Requirement @ Proposed Rates	69 69	4 4 36 61	Line 11 x Line 22 Line 12 x Line 23 Line 13 x Line 24 Sum Lines 27, 28; & 29	28 30 30 30 30 30 30 30 30 30 30 30 30 30
	Difference	б	7	Line 30 - Line 1	32.7

Notes:

<sup>1</sup> Standby customers include the following California Public Utilities Commission (CPUC) tariffs: S and S-L

<sup>2</sup> On lines 17 -19, the percentages shown in the reference column are based on ratios developed from the 12-CP Allocation Factors demands shown on Statement BL, page 15, lines 47 - 49, column (d). In developing the ratios, the demand determinants were converted to transmission level by applying the following loss factors: a) Secondary = 1.0457; b) Primary = 1.0108; and c) Transmission = 1.0000.

Statement BL - RS 2015.xls - Standby Customer

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San Diego Gas & Electric Company 2015 Reliability Service - Rate Design Information

Line No		Total RS Costs	Reference	Line No
	TOTAL RS DEMAND COSTS:			-
2	Demand Costs	\$ 3.762	Statement BK. Page 2. Line 2	- ~
ω	Franchise Fees @ 1.0310%	39	Line 2 x 1.0310%	۱ m
4	Uncollectible Rate $@.174\%$	7	Line 2 x 0.174%	4
Ś	Total Demand Costs	\$ 3,807	Sum Lines 2; 3; & 4	5
9				9
7	TOTAL RS ENERGY COSTS:			7
8	Energy Costs	\$ 1,018	Statement BK, Page 2, Line 8	~
6	Franchise Fees @ 1.0310%	10	Line 8 x 1.0310%	6
10	Uncollectible Rate $@.174\%$	2	Line 8 x 0.174%	10
11	Total Energy Costs	\$ 1,030	Sum Lines 8; 9; & 10	11
12				12
13	Total Energy Sales - MWh @ Retail Meter Level	20,061,754	Statement BL, Page 16, Line 10	13
14	Average Rate Per kWh	\$ 0.00005	Line 11 / Line 13	14
15				15
16	16 TOTAL RS REVENUE REQUIREMENTS	\$ 4,837	Line $5 + Line 11$	16

Statement BL - RS 2015.xls - KWh Cost Per Unit Calculation

Statement BL SAN DIEGO GAS AND ELECTRUC COMPANY Rate Design Information 2015 Reliability Service - Rate Design Information Development of 12-CP Allocation Factors

	Line No.	-08400680	10	12 12 12 12 12	20 19 19 19	8 8 7 8 8 8 9 9	33 33 33 33 33 33 33 33 33 33 33 33 33	8 6 4 4 4 4
(e)	Demand Determinant Allocation Factors	74.69% 18.00% 7.31% 100.00%	90.53% 9.47% 0.00% 100.00%	6.39% 58.56% 35.05% 100.00%				· ,
(p)	12 CP Allocation Factors @ Transmission Level	40.89% 11.03% 33.81% 8.15% 3.31%	0.81% 0.08% 0.00% 0.89%	0.10% 0.91% 0.54% 1.55%	0.38%	Met.& Lug. C-I Cust, Allocation Factors @ Voltage Level 15.29% 100.00%	Schedule P.A.T.I Curt. Allocation Factors @.Voltage Level 14.83% 100.00%	Standby Cust Allocation Factors @ Voltage Level 6.03% 58.74% 35.23%
$(c) = (a) \times (b)$	5 Y car Average Ending 12/31/2011 Of 12 CPs Kilowatt @ Transmission Level	16,446,789 4,438,719 13,598,886 3,276,885 3,276,885 1,230,760 1,230,702	324,914 33,969 - 358,883	39,749 364,329 218,081 622,159	152,386 40,224,957	Transmission Level 4,171 1,425 26,953	Transmission Level 894 156 -	Transmission Level 124 1.212 727 2.063
(q)	Transmission Loss Factors	1.0457 1.0457 1.0457 1.0457 1.0457 1.0000	1.0457 1.0108 1.0000	1.0457 1.0108 1.0000	1.0457	1.0457 1.0108 1.0000	1.0457 1.0108 1.0000	1.0457 1.0108 1.0108
(a)	5 Year Average Ending 12/31/2011 Of 12 CPs Kilowatt @ Meter Level	15,728,019 4,244,735 13,004,290 3,241,675 1,330,795 17,576,715	310,714 33,606 344,320	38,012 360,436 218,081 616,529	145.726 38,656,044	Meter Level 20,424 4,126 1,425	Meter Level 855 154 -	Meter Level 119 1,199 2045
	e Oustonmer Class			Standby Customers (Served Load Information) Secondary Primary Transmission Total Standby Customers	Street Lighting System Total	Medium-Larre Commercial Customers: Demand Determinants - (Non-Coincident Demand) Secondary Primary Transmission Total	Acticultural <u>– Schedule PA-T-1</u> Secondary Primary Transmission Total	Standby Customers Billings Information: Billing Determinants - (Contracted Standby Demand) Secondary Primary Transmission Total
	Line No.	- 1 m 4 v v r m o 5	11 12 12 12 12 12 12 12 12 12 12 12 12 1	16 19 20 20	222222	27 27 33 33 33 33 34 32 32 32 32 32 32 32 32 32 32 32 32 32	35 36 39 39 39 41 41 42 43 43	<b>4</b>

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Statement BL - RS 2015.xls - Allocation Factors

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Statement BL SAN DIEGO GAS AND ELECTRIC COMPANY 2015 Reliability Service - Rate Design Information Forecasted Billing Determinants

I ine		
	Townson 2015 Docombas 2015 Economical Orline Informations	
- 140	<u>Junuary 2015 - December 2015 - Forecustea Jules Information:</u> Docidantici	(IM MI)
-	Keslgenual	1,695,401
6	Small Commercial	1,933,615
'n	Med & Lrg Commercial/Industrial	10,025,413
4	Agricultural	315,433
ŝ	Street Lighting	91,891
9	Sale For Resale	37
7		
8	Total Energy Sales (MWH)	20,061,791
6		
10	Total Energy Sales (MWH) - Excluding Resale	20,061,754
11		
12		
13	<u>Med &amp; Lrg Commercial/Industrial Customers - (Non-Coincident Demand):</u>	
14	Secondary	20,424
15	Primary	4,126
16	Transmission	1,425
17		
18	Total Non-Coincident Demand	25,975
19		
20	<u> Agricultural - Schedule PA-T-1 - (Non-Coincident Demand);</u>	
21	Secondary	855
22	Primary	154
23	Transmission	I
24		
25	Total Non-Coincident Demand	1,009
26		
27	<u> Standby - Contract Demand By Voltage Level:</u>	
28	Secondary	119
29	Primary	1,199
30	Transmission	727
31		
32	Total Contract Demand	2,045

10/22/2014

Statement BL - RS 2015.xls - Forecasted Billing Determinants

Statement BL SAN DIEGO GAS AND ELECTRIC COMPANY 2015 Reliability Service - Rate Design Information Development of 12-CP Allocation Factors 

(a) 5 Year Average Ending 12/31/2011		ê	(c) = (a) x (b) 5 Year Average Endine 17/21/2011	(g)
	-	Transmission Loss Factors	Finding 12/3 1/2011 Of 12 CPs Kilowatt @ Transmission Level	12 CP Allocation Factors @ Transmission Level
	15,728,019 4,244,735	1.0457	16,446,789 4,438,719	40,89% 11.03%
	13,004,290 3,241,675	1.0457 1.0108	13,598,586 3,276,685	
_	1,330,750	1.0000	1,330,750	
	CT / 6/ C/ 1		10,200,021	207°C+
	310,714 33,606	1.0457	324,914 33,969	0.81%
	344,320	1.0000	358,883	0.00%
	38,012	1.0457	39,749	0.10%
	360,436	1.0108	364,329	0.91%
	616,529	000011	622,159	1.55%
	145,726	1.0457	152,386	%8E'0
	38,656,044		40,224,957	100.00%
	Meter Level		Transmission Level	Med.& Lrg. C-I Cust. @ Voltage Level
	20,424	1.0457	21,357	79.24%
	4,126	1.0108	4,171	15.47%
	25,975	0000-1	26,953	100.00%
·	Meter Level	-	Transmission Level	Schedule PA-T-1 Cust @ Voltage Level
		1.0457		85.17%
	154	1.0108	156 -	14.83%
	1,009		1,050	100.00%
				Standby Cust @ Voltage Level
	1.199	1.0457	124	6.03% 58.74%
	727	1.0000	727	
-	2,045		2,063	100.00%

10/22/2014

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-			:	:	:									
ζ. υ	Customer Class Deliveries (MWh)	<u>Jan-15</u>	<u>Feb-15</u>	<u>Mar-15</u>	<u>Apr-15</u>	<u>Mav-15</u>	<u>Jun-15</u>	<u>Jul-15</u>	<u>Aug-15</u>	Sep-15	<u>Oct-15</u>	<u>Nov-15</u>	<u>Dec-15</u>	Total
		926'67/	638,937	611,731	6/6/699	553,684	581,798	667,872	684,171	758,524	633,907	595,886	678,987	7,695,401
<u>, 2</u>		075'001	297'401	152,343	141,195	990,1c1	158,444	1/3,2/1	171,860	185,635	165,367	155,471	157,136	1,933,615
< 2	Med. & Large Continuing. (AU) Med. 9 I ama Camer Ved. (Euclidian ACAC TOU)	3,180	001.5 101	3,181	550'S	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115
2 2	Med. & Large Comm./Ind. (Excluding AU/Ab-1.00)	/41,628	725,591	718,633	716,756	741,382	776,715	833,549	818,079	883,913	798,693	762,428	737,323	9,254,692
4 •	Med. & Large Communa. (Ab-100)	63,53	54,600	50,824	57,408	61,599	57,864	64,790	61,711	67,751	60,046	67,026	64,732	731,606
4	Agnculture (PA and TOU-PA)	4,566	4,620	4,663	5,616	6,806	8,267	9,272	9,135	9,743	8,135	6,706	5,392	82,920
4	Agriculture (PA-T-1)	14,372	14,290	14,260	16,240	19,621	22,703	25,128	24,147	25,364	21,785	18,738	15,865	232.513
- (	Lighting	7,990	7,592	7,588	7,404	7,444	7,722	7,828	7,445	7,828	7,512	7,628	7,909	91,891
	<u>sale tor Kesale</u> Total System	3 1,725,846	3 1,603,071	3 1,563,226	3 1,514,253	3 1,544,754	3 1,616,793	3 1,785,145	3 1,780,029	3 1,942,544	3 1,698,799	3 1,616,986	3 1,670,345	<u>37.3</u> 20,061,791
: tt tt t	Med. & Large Comm./Ind. Rate Schedule Billing Determinants													
	Schodula AD:	15	Tob 45	Mar 45	A 45	Married C						:	:	
	Total Deliveries (MWh)	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	<u>2,997</u>	<u>1 otal</u> 39,115
	Total Deliveries (%)													
	% @ Secondary Service	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100 00%	100 00%	100 00%	100.00%	100 00%	100 00%	
	% @ Primary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	%00°0	0.00%	%00.001	0.00%	
22	6 @ Transmission Service	<u>%00'0</u>	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 Deliveries (MWh)	%00.001	%00.00F	%nn.unt	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	MWh @ Secondary Service	3.186	3.156	3.181	3.053	3.149	3 277	3 425	3 460	5 7 B 3	3 350	001 5	2007	30.445
	MWh @ Primary Service	0	0	0	0	0	0	0		30	0	2	0	C) - 'SC
	MWh @ Transmission Service	0	<b>ମ</b>	0	ы	o	0	<b>O</b> I	o	O	ы	9	୦୦	9 01
		3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115
	<u>Non-Coincident Demand (%)</u> % @ Secondary Service	0 4270%	70200	790267 0	70704	70706	780207 0	1904-04 0	1000000	100207 0	100101 0	100201.0		
	6 @ Primary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0124-0 0.0000%	0.4470%	0.0000%	0.0000%	0.4270%	0.42/0%
	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
	<u>Non-Coincident Demand (MW)</u>													
	MW @ Secondary Service	13.602	13.476	13.581	13.035	13.446	13.992	14.625	14.772	16.154	14.305	13.237	12.798	167.023
	MW @ Primary Service	0.000	0.000	0.000	0,000	0.000	0.000	0.000	0.000	0,000	0.000	0.000	0.000	0.000
	MVV @ I ransmission Service	0000	0.000	0000	0.000	0000	0000	0.00	0.000	0.000	0000	0.000	0000	0000
		700.01		100.01	center	044.01	766.0	CZ0.41	14.112	10.154	14.305	13.23/	12,798	167.023

Statemant BL - RS 2015.xts - Forecested Determinants

44	Schedules AL-TOU / AY-TOU / DG-RVOL-TOU: Total Deliveries (MWh)	<u>Jan-15</u> 741 678	Feb-15 725 501	<u>Mar-15</u> 718 633	<u>Apr-15</u> 716 756	Mav-15 7/1 282	<u>Jun-15</u>	<u>Jul-15</u> 822 540	<u>Aug-15</u> 848.070	<u>Sep-15</u>	<u>Oct-15</u>	<u>Nov-15</u>	<u>Dec-15</u>	Total
4			00002	000101		700111		a+0'000	6/0'010	000,915	1 40,043	102,428	131,323	9,254,692
4	<ul> <li>Total Deliveries (%)</li> </ul>													
4	i % @ Secondary Service	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%
4	i % @ Primary Service	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18 99%	18 99%	18 99%
4	% @ Transmission Service	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%
4		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
<del>4</del>	· ·													
ដ		589,446	576,700	571,170	569,678	589,251	617,333	662,505	650,209	702.534	634.801	605.978	586.025	7.355.629
ທີ	-	140,835	137,790	136,468	136,112	140,789	147,498	158.291	155,353	167,855	151.672	144.785	140 018	1 757 466
សី	MWh @ Transmission Service	11.347	11.102	10,995	10,966	11,343	11,884	12,753	12.517	13.524	12.220	11 665	11 281	141 597
ហ័		741,628	725,591	718.633	716.756	741.382	776.715	833.549	818.079	883.913	798 693	762 428	797 323	0 254 500
ທ້	Non-Coincident Demand [%]									2.				700120710
ស័		0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0 2754%	0 2754%	0 2754%	0 275A%	0 275/92	0 27E 492
ň		0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0 2226%	0 2226%	0 2226%	0 2226%	0 2226%	2020CC 0	0.0000	
ĥ		0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0 1919%	0 1919%	701010V	0 1010%	N 101010	20101010	20101010	% 0777 0
30								2000		~~~~~	0.01010	0.000.0	0.1212.0	0.1010.0
ហ័	Non-Coincident Demand (MW)													
8		1,623.335	1,588.231	1,573.002	1,568,893	1.622.797	1.700.136	1.824.538	1.790.675	1.934.780	1 748 243	1 668 863	1 613 015	20 257 402
<u>م</u>	_	313.499	306.720	303.779	302.985	313.395	328.331	352.356	345.816	373.646	337.621	322,292	311679	3 912 119
5	MW @ Transmission Service	21.775	21.304	21.100	21.044	21.768	22,805	24.474	24.019	25.952	23.450	22 385	21648	271 724
<u>ю</u>		1,958.609	1,916.254	1,897,880	1,892,922	1.957.959	2.051.272	2.201.367	2.160.511	2 334 377	2 109 314	2 013 540	1 047 220	340 144 40
ጿ									ī			010101014	007- LC	
<u>ფ</u>	_	0.2255%	0.2255%	0.2255%	0.2255%	0.2512%	0.2512%	0.2512%	0.2512%	0.2512%	0.2512%	0 2755%	0 2755%	200000
<u>к</u>		0.2068%	0.2068%	0.2068%	0.2068%	0.2272%	0.2272%	0.2272%	0.2272%	0.2272%	0.2272%	0.2068%	0 2068%	0.0175%
6		0.3132%	0.3132%	0.3132%	0.3132%	0.3092%	0.3092%	0.3092%	0.3092%	0.3092%	2092%	0.3132%	0.3132%	0.21120
<u></u>											2 70000		0.2010.0	8
30	On-Peak Demand (MW)													•
ž	MW @ Secondary Service	1,329.201	1,300,457	1.287.988	1.284.623	1.480.198	1.550.741	1.664.212	1633325	1 764 766	1 594 621	1 366 480	1 321 485	17 570 000
7		291.247	284,949	282.217	281.480	319.872	335.116	359,637	352 962	381 367	244 508	200.400	004-1-20-1	11,010.030
2		35,539	34.770	34.437	34.347	35.073	36.745	39,433	38 701	41 816	000.000	26 525	100.002	2,022.41/
2		1.655.987	1.620.177	1.604.641	1.600.450	1.835.143	1 922 602	2 063 282	2 024 080	2 187 040	1 077 004	1 700 404	200000	7100110
7							100.970	20200012	506'L-70'-7	z+e, 101,2	+00.1/21	104.307.1	1,040.0/4	120.148,12
22	「時間の「我的物理」を見たいというにはなったいない	語言の後に言語	「日本市大学の法語」	the alternation of the	というとうないのできた	A CONTRACTOR STATES	A RED STREET	ののにおいのを見たがき	Variation of the Party of the	Sherry of the standard	Served was all the E. P. C. S.	THE PROPERTY OF THE PROPERTY O	ALCONTRACTORIZATION	COLORIDATION COLORIDATICO COLORIDO COLORIDO COLORIDO COLORIDO COLORIDO COLORIDO COLORIDATICO COLORIDO C
76		の言語には、	1. 10 CO.	and the second	ないなながり	通知法律部に	語の小声言	語目的となる	日本市民にな	の世紀で、日本	A DESCRIPTION OF THE PARTY OF T	語は行うをつ		相比には人気
:		240 PART POLICY 2002 1	A Property of the second s	The second states		のためないですようで、	STREAM PROPERTY AND INC.	10000 - Starts	のなななないなどのない	とないことがないとな	With Low Stranger	大学生に行いたかで	当ためたいとないない	時の世代的ないな

Statement BL - RS 2015 xis - Forecasted Determinants

<u>Total</u> 731,606	0.00% 13.88% <u>86.12%</u> 100.00%	0 101,547 530,059 731,606	0.0000% 0.2104% 0.1830%	0.000 213.655 1.153.008 1.366.663	0.0000% 0.1530% 0.1451%	0.000 155.316 <u>914.277</u> 1,069.594		<u>Total</u> 10,025,413	7,394,745 1,859,013 <u>771,656</u> 10,025,413	20,424.426 4,125.774 <u>1.424.732</u> 25,974.932	
Dec-15 64,732	0.00% 13.88% <u>86.12%</u> 100.00%	0 8,985 <u>55,747</u> 64,732		0.000 18.904 102.018 120.922	0.0000% 0.1365% 0.1423%	0.000 12.264 <u>79.328</u> 91.593		Dec-15 805,053 10	589,022 7 149,003 1 <u>67,028</u> 805,053 10	1,626.710 20 330.583 4 <u>123.666</u> <u>1</u> 2,080.959 25	
<u>Nov-15</u> 67,026	0.00% 13.88% <u>86.12%</u> 100.00%		000	0.000 19.574 105.633 125.207	0.0000% 0 0.1365% 0 0.1423% 0	0.000 12.699 <u>82.140</u> 94.838		<u>Nov-15</u> 832,554	609,078 154,088 <u>69,388</u> 832,554	1,682.100 1,6 341.866 3 <u>128.018</u> 2,151.984 2,0	
<u>Oct-15</u> 60,046	0.00% 13.88% <u>86.12%</u> 100.00%	0 8,334 <u>51,712</u> 60.046		0.000 17.536 <u>94.632</u> 112.168		0.000 14.060 <u>76.430</u> 90.490		<u>Oct-15</u> 862,089	638,151 160,006 <u>63,932</u> 862,089	1,762.547 1, 355.157 1, <u>118.083</u> 2,235.787 2,	
<u>Sep-15</u> 67,751	0.00% 13.88% <u>86.12%</u> 100.00%	0 9,404 <u>58,347</u> 67,751		0.000 19.786 <u>106.775</u> 126.560	0.0000% 0.1687% 0.1478%	0.000 15.864 <u>86.237</u> 102.101		<u>Sep-15</u> 955,447	706,318 177,259 <u>71,871</u> 955,447	1,950.934 1 393.431 <u>132.727</u> 2,477.092 2	
<u>Aug-15</u> 61,711	0.00% 13.88% <u>86.12%</u> 100.00%	0 8,566 <u>53,146</u> 61,711		0.000 18.022 <u>97.257</u> 115.279	0.0000% 0.1687% 0.1478%	0.000 14.450 <u>78.550</u> 93.000		<u>Aug-15</u> 883,250	653,668 163,919 <u>65,662</u> 883,250	1,805.448 1 363.838 121.276 121.276 2,290.562 2	
<u>Jul-15</u> 64,790	0.00% 13.88% <u>86.12%</u> 100.00%	0 8,993 <u>55,797</u> 64,790	0.0000% 0.2104% 0.1830%	0.000 18.921 122.109 121.030	0.0000% 0.1687% 0.1478%	0.000 15.171 <u>82.468</u> 97.639		<u>Jul-15</u> 901,764	665,930 167,284 <u>68,551</u> 901,764	1,839.163 371.277 <u>126.583</u> 2,337.022	
<u>Jun-15</u> 57,864	0.00% 13.88% <u>86.12%</u> 100.00%	0 8,031 <u>49,832</u> 57,864	0.0000% 0.2104% 0.1830%	0.000 16.898 <u>91.193</u> 108.091	0.0000% 0.1687% 0.1478%	0.000 13.549 <u>73.652</u> 87.201		<u>Jun-15</u> 837,856	620,610 155,530 <u>61,716</u> 837,856	1,714.128 345.229 <u>113.998</u> 2,173.355	
<u>May-15</u> 61,599	0.00% 13.88% <u>86.12%</u> 100.00%	0 8,550 <u>53,049</u> 61,599	0.0000% 0.2104% 0.1830%	0.000 17.989 <u>97.080</u> 115.069	0.0000% 0.1687% 0.1478%	0.000 14.424 <u>78.407</u> 92.830		<u>Mav-15</u> 806,130	592,400 149,338 <u>64,392</u> 806,130	1,636.243 331.384 <u>118.847</u> 2,086.474	
<u>Apr-15</u> 57,408	0.00% 13.88% <u>86.12%</u> 100.00%	0 7,968 <u>49,439</u> 57,408	0.0000% 0.2104% 0.1830%	0.000 16.765 <u>90.474</u> 107.239	0.0000% 0.1365% 0.1423%	0.000 10.877 70.352 81.229		<u>Apr-15</u> 777,216	572,730 144,080 <u>50,405</u> 777,216	1,581.928 319.750 <u>111.519</u> 2,013.196	
<u>Mar-15</u> 50,824	0.00% 13.88% <u>86.12%</u> 100.00%	0 7,054 <u>43,770</u> 50,824	0.0000% 0.2104% 0.1830%	0.000 14.843 <u>80.099</u> 94.942	0.0000% 0.1365% 0.1423%	0.000 9.629 <u>62.285</u> 71.914	人間により	<u>Mar-15</u> 772,638	574,350 143,523 <u>54,765</u> 772,638	1,586.583 318.621 <u>101.199</u> 2,006.403	
<u>Feb-15</u> 54,600	0.00% 13.88% <u>86.12%</u> 100.00%	0 7,578 <u>47,022</u> 54,600	0.0000% 0.2104% 0.1830%	0.000 15.945 <u>86.049</u> 101.995	0.0000% 0.1365% 0.1423%	0.000 10.345 <u>66.912</u> 77.256		<u>Feb-15</u> 783,347	579,855 145,368 <u>58,123</u> 783,347	1,601.706 322.665 <u>107.353</u> 2,031.724	
<u>Jan-15</u> 63,255	0.00% 13.88% <u>86.12%</u> 100.00%	0 8,780 <u>54,475</u> 63,255	0.0000% 0.2104% 0.1830%	0.000 18.473 <u>99.689</u> 118.162	0.0000% 0.1365% 0.1423%	0.000 11.984 <u>77.518</u> 89.502		<u>Jan-15</u> 808,069	592,632 149,615 65,822 808,069	1,636.937 331.972 <u>121.464</u> 2,090.373	
<u>Schedule A6-TOU:</u> Total Deliveries (MWh)	<u>Total Deliveries (%)</u> % © Secondary Service % © Primary Service % © Transmission Service	Total Deliveries (MWh) MWh @ Secondary Service MMh @ Fransuy Service MWh @ Transmission Service	<u>ron-coincident Demand (%)</u> & @ Becondary Service % @ Transmission Service	Non-Coincident Demand (MVV) MVV @ Secondary Service MVV @ Primary Service MVV @ Transmission Service	% @ <u>Becondary Service</u> % @ Perimary Service % @ Primary Service % @ Transmission Service	<u>Coincident Peak Demand (MW)</u> MW @ Secondary Service MW @ Transmission Service	Med. & Large Comm.Ind.	<u>Total Service Voltage Determinants</u> <u>Deliveries (IMWh)</u> Med & Large Comm./Ind.	<u>Deliveries (MWh)</u> MWh @ Secondary Service MWh @ Transmy Service MWh @ Transmission Service	MW @ Neuron Service MW @ Primary Service MW @ Transmission Service	
	<u> </u>							<u>Deliveri</u> Med & L		-	
17 87 87	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	85 87 83 83 83 83	999999	46 96 98 98 98 98 98 98	<u>55555</u>	56666666	111 112 113	411 811 811 811 811 811	£ 5 5 5 5 5 5	125 126 128	130

Statement BL - RS 2015.vis - Forecasted Determinanta

Juncia         Enertia         Juncia         Enertia         Juncia         Sensit         Sensi	1,199.340 726.756 2,045.484	119.368	Total		460.614	91.003	369.611	 0.3035%	0.1875%	0.000 1 000 000	154.107	020	0.5139%	0.4221%	232,513	29,965	202,525	100.00%	0.00%	87.10% 12.90%		<u>Total</u> 232.513
Dirtit         Junctis         Febris         Marcis         Junctis         Junctis <thjunctis< th=""> <thjunctis< th=""> <thjunc< td=""><td>99.945 <u>60.563</u> 170.457</td><td>9.949</td><td>Dec-15</td><td></td><td>35.410</td><td>6.274 0.000</td><td>29.136</td><td>0.3013% 0.0000%</td><td>0.2114%</td><td>0.000</td><td>10.701</td><td><b>6</b>8 176</td><td>0.5139% 0.0000%</td><td>0.4221%</td><td>15,865</td><td>700'Z</td><td>13,782</td><td>100.00%</td><td>0.00%</td><td>86.87% 13.13%</td><td></td><td><u>Dec-15</u> 15.865</td></thjunc<></thjunctis<></thjunctis<>	99.945 <u>60.563</u> 170.457	9.949	Dec-15		35.410	6.274 0.000	29.136	0.3013% 0.0000%	0.2114%	0.000	10.701	<b>6</b> 8 176	0.5139% 0.0000%	0.4221%	15,865	700'Z	13,782	100.00%	0.00%	86.87% 13.13%		<u>Dec-15</u> 15.865
Dirtici         Marcis	99.945 <u>60.563</u> 170.457	9.949	Nov-15		41.779	7.264	34.515	0.3013%	0.2114%	0.000 81 306	12,390	68 016	0.5139% 0.0000%	0.4221%	18,738	- C	16,327	100.00%	0.00%	67.13% 12.87%		<u>Nov-15</u> 18,738
Phi-T-I         Jan-15         Feb-16         Mar-15         Har-15         Jan-15         Jan-15 <thjan-15< th=""> <thjan-15< th=""> <thjan-15< t<="" td=""><td>99.945 60.563 170.457</td><td>9.949 00 045</td><td>Oct-15</td><td></td><td>39.469</td><td>8.454 0.000</td><td>31.006</td><td>0.3050%</td><td>0.1631%</td><td>0.000</td><td>14.260</td><td>80 243</td><td>0.5139% 0.0000%</td><td>0.4221%</td><td>21,785</td><td>0,1,2</td><td>19,010</td><td>100.00%</td><td>0.00%</td><td>07.20% 12.74%</td><td></td><td><u>Oct-15</u> 21,785</td></thjan-15<></thjan-15<></thjan-15<>	99.945 60.563 170.457	9.949 00 045	Oct-15		39.469	8.454 0.000	31.006	0.3050%	0.1631%	0.000	14.260	80 243	0.5139% 0.0000%	0.4221%	21,785	0,1,2	19,010	100.00%	0.00%	07.20% 12.74%		<u>Oct-15</u> 21,785
Phi-T-I         Jan-15         Feb-15         Marcris         Jun-15         Jun-1	99.945 <u>60.563</u> 170.457	9.949 00 045	Sep-15		45,935	618.8 000.0	36.121	0.3050% 0.0000%	0.1631%	0.000 110.017	16.537	93 480	0.5139% 0.0000%	0.4221%	25,364	0 7 0 0	22,146	100.00%	0.00%	0/.31% 12.69%		<u>Sep-15</u> 25,364
Phall         Han-15         Feb-16         Marchis         Agencis         Agencis         Agencis         Agencis         Jum-15           14,372         14,372         14,280         14,280         16,240         19,621         22,703           14,372         13,49%         86.50%         86.50%         86.50%         86.50%         87.3%         13,35%           13,49%         13,49%         13,43%         13,02%         0.000%         100.00%	99.945 <u>60.563</u> 170.457	9.949 99.49	<u>Aug-15</u>		43.709	00000	34.413 0.006	0.3050% 0.0000%	0.1631%	0,000 104,724	15.663	89.061	0.5139% 0.0000%	0.4221%	24,147	0	21,100	100.00%	0.00%	12.62%		<u>Aug-15</u> 24,147
PA-T-1         Jan-15         Feb-15         Mar-15         14,250         14,250         15,240         15,240         15,240         15,240         15,240         15,240         15,240         15,240         15,240         15,240         15,240         15,240         15,240         15,240         15,240         15,150%         15,225         12,325%         15,150%         10,000%         100,00%	99.945 <u>60.563</u> 170.457	9.949 99.45	<u>Jul-15</u>		45.456	0,000	35.842 0 614	0.3050%	0.1631%	0.000 108.958	16.199	92.759	0.5139% 0.0000%	0.4221%	25,128	20	21,975	100.00%	0.00%	12:54%		<u>Jui-15</u> 25,128
PA-T-1         Jan-15         Feb-16         Mar-15         GPr-15           14,372         14,280         14,260         15,240         15,240           15,49%         13,49%         13,00%         13,00%         13,00%         13,00%           13,49%         13,00%         10,000%         100,00%         14,110         14,110           15,49%         13,00%         10,000%         10,000%         14,110         14,110           1,938         1,926         1,925         2,130         13,123         14,110           1,938         1,926         1,925         2,130         0,0233         0,0333         0,0333         0,0333         0,0333         0,0203         0,0000         0,0000%         0,0203         0,0000% </td <td>99.945 60.563 170.457</td> <td>9.949 99.945</td> <td><u>Jun-15</u></td> <td>語言語を行う</td> <td>41.099</td> <td>00000</td> <td>32.351 e 74e</td> <td>0.3050% 0.0000%</td> <td>0.1631%</td> <td>0.000 98.463</td> <td>14.740</td> <td>83.723</td> <td>0.5139% 0.0000%</td> <td>0.4221%</td> <td>22,703</td> <td>0</td> <td>19,835</td> <td>100.00%</td> <td>0.00%</td> <td>12.63%</td> <td></td> <td><u>Jun-15</u> 22,703</td>	99.945 60.563 170.457	9.949 99.945	<u>Jun-15</u>	語言語を行う	41.099	00000	32.351 e 74e	0.3050% 0.0000%	0.1631%	0.000 98.463	14.740	83.723	0.5139% 0.0000%	0.4221%	22,703	0	19,835	100.00%	0.00%	12.63%		<u>Jun-15</u> 22,703
PA-T-1         Jan-15         Feb-15         Mar-15           14,372         14,200         14,260         14,260           15,51%         86,51%         86,50%         14,260           15,45%         13,49%         13,40%         13,00%           13,45%         13,43%         13,534         13,534           13,45%         13,43%         13,534         13,234           14,372         1,328         1,925         1,925           12,433         1,338         0,4221%         0,0000%           1,928         1,926         1,925         0,4221%         0,0000%           1,928         0,4221%         0,4221%         0,4221%         0,0000%	99.945 60.563 170.457	9.949 99.945	<u>Mav-15</u>		35.569	000.0	27.902	%00000.0	0.1631%	<u>0.000</u> 85.129	12.919	72.210	0.0000%	0.4221%	19,621	0	17,107	100.00%	0.00%	12.81%	700 Y 10	<u>Mav-15</u> 19,621
Phan-1-1         Jan-15         Feb-15           14,372         14,372         14,200           15,51%         86,51%         86,52%           15,51%         13,40%         13,40%           10,000%         100,00%         10,000%           11,938         1,3364         1,926           12,433         12,364         1,926           12,433         12,364         1,926           14,372         1,4290         0,4231%           12,433         1,3364         0,4231%           14,372         1,4290         0,4321%           1,938         0,4231%         0,4321%           0,4231%         0,4231%         0,000           0,0000%         0,0000%         0,000           0,0000%         0,0000%         0,000           0,0000%         0,0000%         0,000           0,0000%         0,0000%         0,000           0,0000%         0,0000%         0,000           0,0000%         0,0000%         0,000           0,0000%         0,0000%         0,000           0,0000%         0,0000%         0,000           0,0000%         0,000         0,000           0,0000%	99.945 60.563 170.457	9.949 99.945	<u>Apr-15</u>		36.246	000.0	29.829	0.0000%	0.2114%	<u>0.000</u> 70.505	10.946	59.559	%00000.0	0.4221%	16,240	0	14,110	100.00%	0.00%	13.12%	700 <del>20</del>	<u>Apr-15</u> 16,240
PA-T-1 PA-T-1 14,372 14,372 13,429% 10,000% 1,938 1,4,372 1,938 1,4,372 1,938 0,0000% 0,4214% 0,0513% 0,0000 0,0114% 0,0104% 0,010	59.945 50.563 170.457	9.949 99.945	<u>Mar-15</u>		31.876	0000	5 801	0.0000%	0.2114%	<u>0.000</u> 61.959	9.895	52.064	%00000.0	0.4221%	14,260	0	12,334 1 975	100.00%	<u>0.00%</u>	13.50%	7002 38	<u>Mar-15</u> 14,260
	50.563 170.457	9.949 99.945	Feb-15		31.940	0.000	5.803	0.0000%	0.2114%	<u>0.000</u> 62.085	9.898	52,187	%0000.0	0.4221%	14,290	) -	12,364 1 926	%00.00L	0.00%	13.48%	70/2 JO	<u>Feb-15</u> 14,290
Schedules PA-T-1 Deliveries (MWh) Deliveries (MWh) Secondary Service Trimary Service Trimary Service (Contary Service (Contary Service (Contary Service (Contary Service (Contary Service Secondary Service (Contary Service) (Contary Service (Contary Service) (Contary Service) (Contary Service) (Contary Service) (Contary Service)	93.940 60.563 170.457	9.949 99.945	<u>Jan-15</u>		32.124	0000	5.840	0.0000%	0.2114%	<u>0.000</u> 62.442	9.961	52.481	%0000.0	0.4221%	14,372	0	12,433 1 938	100.00%	<u>0000</u>	13.49%	86 51%	<u>Jan-15</u> 14,372
Total         Number         Sec         Se																	MWh @ Secondary Service	Total Deliveries (MWh)	\$	%;	Total Deliveries (%) % @ Secondary Service	<u>Total Deliveries</u>

Statement BL - RS 2015,xis - Forecasted Determinants

#### ATTESTATION REGARDING SAN DIEGO GAS & ELECTRIC COMPANY'S TRANSMISSION OWNER TARIFF (APPENDIX IX) (18 CFR § 35.13 (D)(7))

I, Lee Schavrien, attest that I am Senior Vice President – Finance, Regulatory & Legislative Affairs of San Diego Gas & Electric Company ("SDG&E"), and to the best of my knowledge and belief, the cost of service statements and supporting data submitted as part of this filing are true, accurate, and current representations of SDG&E's books and other corporate documents.

Lee Schavrien

October <u>3</u>, 2014

State of California ) County of San Diego )

Subscribed and sworn to (or affirmed) before me on this 23rd day of October, 2014, by

Lee Schavrien, proved to me on the basis of satisfactory evidence to be the person who

appeared before me.

Signature of Notary Public-



(Seal of Notary)

#### **CERTIFICATE OF SERVICE**

I hereby certify that I have this day served an electronic copy of the foregoing document upon each person designated on the official service list compiled by the Secretary in Docket No. ER13-941-000. In addition, I certify that I have also caused the foregoing to be served upon the following:

> Karen Clopton (*via Overnight Mail*) Chief Administrative Law Judge Acting General Counsel California Public Utilities Commission 505 Van Ness Avenue San Francisco, CA 94102

Roger Collanton (*via Overnight Mail*) General Counsel California Independent System Operator Corporation 151 Blue Ravine Road Folsom, CA 95630

General Counsel PG&E Corporation 77 Beale Street San Francisco, CA 94105

General Counsel Southern California Edison 2244 Walnut Grove Ave. Rosemead, CA 91770

Dated at San Diego, California, this 23<sup>rd</sup> day of October, 2014.

delle

Joel Dellosa Sr. Legal Administrative Associate Sempra Energy 101 Ash Street San Diego, California 92101-3017