

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

**San Diego Gas & Electric Company**

**Docket No. ER19- -000**

**ANNUAL UPDATE FILING OF THE  
RELIABILITY SERVICES BALANCING ACCOUNT  
(RSBA)**

**December 14, 2018**



**Christopher M. Lyons**  
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December 14, 2018

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

Re: **San Diego Gas & Electric Company, 2019 Annual RSBA Rate Revision,  
Docket No. ER19-\_\_\_\_-000**

Dear Ms. Bose:

Pursuant to Section 35.7 of the Commission's Regulations<sup>1</sup>, San Diego Gas & Electric Company ("SDG&E") encloses for filing revisions to its Transmission Owner ("TO") Tariff, FERC Electric Tariff, Original Volume 11, pertaining to SDG&E's Reliability Services ("RS") Revenue Requirement and related Rate Schedules ("RS Filing").<sup>2</sup>

SDG&E respectfully requests that the Commission accept the proposed RS Filing to become effective January 1, 2019. The proposed effective date is mandated by Section 4 of Appendix VI to the TO Tariff, which 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.

## **I. CONTENTS OF FILING**

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

1. This transmittal letter;
2. Attachment No.1, Clean Revised TO tariff sheets;
3. Attachment No. 2, Redline Revised TO tariff sheets;
4. Exhibit No. SD-0001, Testimony of Ana Lucia Hoyos;
5. Exhibit No. SD-0002, RS Costs Forecast;
6. Exhibit No. SD-0003, Testimony of Gwendolyn R. Morien;
7. Exhibit No. SD-0004, Cost Statements; and

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<sup>1</sup> 18 CFR §35.7.

<sup>2</sup> FERC Electric Tariff, Original Volume 11, Appendix V and Appendix VII. The capitalized terms have the meaning ascribed to them herein or in SDG&E's TO Tariff.

8. Certificate of Service.

## II. COMMUNICATIONS

Correspondence and other communications concerning this filing should be addressed to the following:

Christopher M. Lyons  
Senior Counsel  
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8330 Century Park Court, CP32D  
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Phone: 858-654-1885  
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## III. BACKGROUND

Pursuant to the California Independent System Operator Corporation's ("CAISO" or "ISO") Tariff, the CAISO bills RS costs that it incurs to maintain reliable electric service in the ISO Balancing Authority Area to the Responsible Utility or Participating Transmission Owners ("PTO"). Such RS costs include CAISO Market Redesign and Technology Update ("MRTU") Exceptional Dispatch costs, including default costs. SDG&E is a PTO.

The CAISO issues "Exceptional Dispatches" to address reliability needs that cannot be addressed through the normal operation of the ISO markets. When Exceptional Dispatch costs are incurred due to "Transmission-Related Modeling Limitations," the CAISO bills such costs to a PTO as RS costs.

Consistent with its 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 it 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.

## IV. DESCRIPTION OF FILING

### A. 2019 Reliability Service Costs

SDG&E proposes a change in the RS Revenue Requirement from approximately \$743,000 for the 2018 service year to approximately \$116,000 for the 2019 service year, a decrease of approximately \$627,000. Statement BK, Exhibit No. SD-0004 sets forth the derivation of the 2019 RS Revenue Requirement of \$116,000.

In Exhibit No. SD-0001, Ms. Hoyos explains that RS costs consist of Exceptional Dispatch costs that the CAISO bills to SDG&E. Ms. Hoyos also explains and quantifies the components of SDG&E's 2019 RS forecasted costs and the basis for their incurrence. The forecasted Exceptional Dispatch costs have slightly increased from the 2018 forecast costs of approximately \$343,000 to approximately \$482,000 for 2019. There are no RMR costs included in the 2019 RS forecasted costs due to the contract for Huntington Beach units 3 and 4 not being extended.

In Exhibit No. SD-0003, Ms. Morien describes how she utilizes Ms. Hoyos's 2019 forecast costs and the RSBA balance through November 30, 2018, to develop the RS Revenue Requirement. Ms. Morien also describes the allocation of the RS Revenue Requirement to SDG&E's single wholesale customer and explains how RS costs are allocated to SDG&E's retail customer classes.

Exhibit No. SD-0004, Cost of Service Statements, includes the following Statements: AH, BB, BD, BG, BH, BK and BL.

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

SDG&E proposes revisions to the following sections of its TO Tariff, in clean and redlined formats:

Appendix V - Reliability Services Revenue Requirement has been revised to reflect the 2019 RS Revenue Requirement.

Appendix VII - Summary of Reliability Services Retail Transmission Rates has been revised to reflect the 2019 Service Year rates.

Appendix VII - Wholesale RS Rate has been revised to reflect the 2019 rate.

#### **V. REQUEST FOR WAIVER 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. Nonetheless, to the extent deemed necessary, SDG&E requests that the Commission grant any and all waivers necessary to permit the proposed rates in this RS Filing to become effective on January 1, 2019. SDG&E expressly requests that the Commission waive the 60-day notice requirement, as it has done with respect to prior RS Filings, to permit SDG&E to comply with its TO Tariff's requirement that SDG&E file

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annual RS rates in December, the month prior to the month the RS Rates are proposed to go into effect.<sup>3</sup>

## VI. 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 Nos. ER13-941, and ER18-488-000. SDG&E has also served 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,

*/s/Christopher M. Lyons*

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Christopher M. Lyons

Attorney for

San Diego Gas & Electric Company

December 14, 2018  
Enclosures

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<sup>3</sup> See *Central Hudson Gas & Electric Corporation, et al.*, 60 FERC ¶ 61,106, *reh'g denied*, 61 FERC ¶ 61,089 (1992), and *Prior Notice and Filing Requirements Under Part II of the Federal Power Act*, 64 FERC ¶ 61,139, *clarified*, 65 FERC ¶ 61,081 (1993).

**San Diego Gas & Electric Company**

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**Appendix V, Appendix VII**

**Docket No. ER19-\_\_\_\_\_ - \_\_\_\_\_**

## **APPENDIX V**

### **Reliability Services Revenue Requirement**

1. The Reliability Services Revenue Requirement of \$116,000 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	0.00000				1
2						2
3	Small Commercial	0.00001				3
4						4
5	Medium & Large Commercial/Industrial <sup>(a)</sup>	0.00002	0.00	0.00	0.00	5
6	Vehicle Grid Integration Rate <sup>(c)</sup>	0.00001				6
7						7
8	Agricultural					8
9	Schedules TOU-PA, TOU-PA2, and TOU-PA3	0.00001				9
10	Schedules PA-T-1 <sup>(a)</sup>	0.00001	0.00	0.00	0.00	10
11						11
12	Street Lighting	0.00001				12
13						13
14	Standby Rate <sup>(b)</sup>		0.00	0.00	0.00	14



**2019 Service Year**

- (a) Demand rate applied to customers monthly maximum demand.
- (b) Demand rate applied to standby customers contract demand.
- (c) Volumetric rate applied to customer participants on the Vehicle Grid Integration Pilot Program.

**Wholesale RS Rate**

	\$/kWh
<b>Wholesale RS rate</b>	<b>0.00001</b>

**San Diego Gas & Electric Company**

**RED LINE**

**Appendix V, Appendix VII**

**Docket No. ER19-\_\_\_\_\_ - \_\_\_\_\_**

## APPENDIX V

### Reliability Services Revenue Requirement

1. The Reliability Services Revenue Requirement of \$~~116743~~,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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**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	0.000040000 0				1
2						2
3	Small Commercial	0.000040000 1				3
4						4
5	Medium & Large Commercial/Industrial (a4)	0.00002	0.0400	0.0400	0.0400	5
6	Vehicle Grid Integration Rate (c3)	0.000040000 1				6
7						7
8	Agricultural					8
9	Schedules <del>PA and TOU-PA, TOU-PA2, and TOU-PA3</del>	0.000030000 1				9
10	Schedules PA-T-1(a4)	0.000020000 1	0.00	0.00	0.00	10
11						11
12	Street Lighting	0.000030000 1				12



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FEDERAL ENERGY REGULATORY COMMISSION**

**San Diego Gas & Electric Company        )       Docket No. ER19-\_\_-000**

**PREPARED DIRECT TESTIMONY OF  
ANA LUCIA HOYOS  
ON BEHALF OF SAN DIEGO GAS & ELECTRIC COMPANY**

**December 14, 2018**

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**PREPARED DIRECT TESTIMONY OF**

**ANA LUCIA HOYOS**

**ON BEHALF OF SAN DIEGO GAS & ELECTRIC COMPANY**

**I. INTRODUCTION**

Q. Please state your name, position and business address.

A. My name is Ana Lucia Hoyos, and my business address 8326 Century Park Court, San Diego, CA 92123-4150.

Q. Please describe your current responsibilities.

A. I am the Grid Operations Services Manager in the Electric Grid Operations Department at San Diego Gas & Electric Company (“SDG&E”).

Q. Please describe your educational and professional background.

A. I have a Bachelor of Science in Electrical Engineering from the State University of New York at Buffalo, and a Master’s in Electrical Engineering with emphasis in Power from San Diego State University. In addition, I am a Registered Professional Engineer in the state of California. I have been employed at SDG&E since March of 1995. During that time, I have held positions in Electric Transmission Planning, and a variety of other positions, before assuming my current assignment in 2016 to manage grid contracts.

Q. Have you previously testified before this Commission?

A. No.

**II. PURPOSE OF TESTIMONY**

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to provide a forecast of the charges SDG&E expects to incur in the year 2019 for Reliability Services (“RS”) from the

1 California Independent System Operator Corporation (“CAISO”) pursuant to the  
2 CAISO Tariff.

3 Q. Please summarize SDG&E’s 2019 RS Forecast.

4 A. As shown in Exhibit No. SD-0002, SDG&E’s 2019 RS forecast is \$482,000 for  
5 Exceptional Dispatch.

6 **III. COMPONENTS OF RS COSTS**

7 Q. What are the components that make up the RS costs charged to SDG&E by the  
8 CAISO?

9 A. The sole component for SDG&E’s RS charges is Exceptional Dispatch.

10 Q. How does SDG&E currently recover the RS costs and ensure that customers pay  
11 no more or no less than actual costs?

12 A. Pursuant to SDG&E’s Transmission Owner Tariff, SDG&E records all RS costs  
13 and revenues in its Reliability Service Balancing Account (“RSBA”). The RSBA  
14 tracks the cumulative differences between revenues billed by SDG&E for  
15 Reliability Services and SDG&E’s costs from the CAISO for such services during  
16 the course of the year. The difference between the revenues collected from  
17 customers and costs incurred result in an over- or under-collection each year.  
18 This over- or under-collection is then included in the next annual RS filing, thus  
19 ensuring that customers pay no more or no less than SDG&E’s actual RS costs.  
20 For example, if SDG&E forecasts 2019 RS Costs of \$100 and is charged \$110 by  
21 the CAISO, it would create an under-collection in the RSBA of \$10 assuming  
22 forecast sales and actual sales are equal. The \$10 under-collection is then  
23 collected in the subsequent annual RS filing.



1 **IV. RELIABILITY SERVICES RATE SCHEDULE COST FORECAST**

2 Q. How have RS costs changed for 2019?

3 A. SDG&E is forecasting that RS costs for 2019 will decrease, as compared to 2018.  
4 Although Exceptional Dispatch costs are forecast to increase, there are no RMR  
5 costs forecast for 2019.

6 Q. Please explain why SDG&E is not including RMR costs in 2019 related to the  
7 conversion of HB 3 and 4 to RMR service.

8 A. As a result of the unexpected long-term outage, and eventual shutdown, of San  
9 Onofre Nuclear Generating Station Units 2 and 3, the CAISO Board of  
10 Governors, in September 2012, authorized CAISO Management to designate HB  
11 3 and 4 for RMR service as necessary to provide voltage support in the Los  
12 Angeles Basin and San Diego/Imperial Valley local areas by the conversion of  
13 HB 3 and 4 to synchronous condensers. On September 12, 2017, CAISO  
14 Management recommended to the CAISO Board of Governors that the RMR  
15 Contract for HB 3 and 4 not be extended for 2018. In the CAISO Board of  
16 Governors Meeting on September 19, 2017, the Board of Governors authorized  
17 CAISO Management to not extend the HB 3 and 4 RMR Contract into 2018.  
18 Although the HB 3 and 4 RMR Contract was not extended into 2018, there is  
19 normally a two-month delay from the end of the RMR service month and the  
20 month that those RMR costs are due, in accordance with the CAISO's RMR  
21 Payment Calendar. Based on this, the November and December 2017 Service  
22 Month RMR costs were paid in 2018, and no additional costs are being forecast in  
23 2019 related to the HB 3 and 4 RMR Contract.

1 Q. Could there be other RMR costs for 2019 that are not included in the 2019  
2 forecast?

3 A. Yes. The RMR Agreement, in section 2.4 - Effect of Expiration or Termination,  
4 states: "Expiration or termination of this Agreement shall not affect the accrued  
5 rights and obligations of either Party, including either Party's obligations to make  
6 all payments to the other Party pursuant to this Agreement or post-termination  
7 audit rights under Section 12.2." Later, in Section 9.1 (b) states that the "Owner  
8 will submit to CAISO RMR Invoices for each Month during the term of this  
9 Agreement, which are defined in this Section 9.1(b) as follows: (i) Estimated  
10 RMR Invoice; (ii) Revised Estimated RMR Invoice; (iii) Adjusted RMR Invoice;  
11 and (iv) Revised Adjusted RMR Invoice." The operation of either or both of  
12 these sections could result in RMR invoices being submitted to the CAISO well  
13 beyond the service month in which they occurred. If these RMR costs occur, they  
14 will be charged to the RSBA.

15 Q. Please explain Exceptional Dispatch.

16 A. The Exceptional Dispatch portion of RS energy costs is driven by three main  
17 factors:

- 18 1) Responding to or preventing a CAISO System Emergency, or a situation  
19 that threatens System Reliability;
- 20 2) Responding to a CAISO "Other Exceptional Dispatch" situation, such as  
21 providing Voltage Support, or responding, preventing, or minimizing a  
22 Market Disruption;

1           3)     Responding to a Transmission-Related Modeling Limitation due to, e.g.,  
2                     transmission maintenance, lack of voltage support, system conditions,  
3                     including threatened or imminent reliability conditions for which the  
4                     CAISO's Market or System modeling is too slow or incapable of  
5                     resolving.

6     Q.     How is Exceptional Dispatch priced?

7     A.     Resources that are exceptionally dispatched are paid at either the Resource-  
8             Specific Settlement Interval LMP, their Energy Bid cost, the Default Energy Bid  
9             cost, or the Energy Bid cost at a negotiated price, consistent with Section 11 of  
10            the CAISO Tariff.

11    Q.     What are the challenges in forecasting Exceptional Dispatches for RS costs?

12    A.     At a local level, the Exceptional Dispatch portion of RS costs is affected by four  
13            main factors:

- 14           1)     SDG&E total load level;
- 15           2)     Local generating unit start times and cycling restrictions;
- 16           3)     Import limitations; and
- 17           4)     Planned and forced transmission reconfigurations.

18                     The first two local level items can be reasonably modeled, but the last two  
19                     are difficult to predict. As a result, only a rough forecast can be made for  
20                     reliability related RS energy.

21                     In sum, Exceptional Dispatch is typically driven by either unforeseen or  
22                     unplanned events or market participant schedules that SDG&E does not and  
23                     cannot have access to because the CAISO treats this data as confidential. Since

1 the energy price data and the units that could be exceptionally dispatched are not  
2 known ahead of time, the 2019 forecast is based on Exceptional Dispatch costs  
3 recorded in a recent 12-month period, as noted in Exhibit No. SD-0002. Any  
4 differential between the forecasted and actual amount of Exceptional Dispatch  
5 costs for the 2019 period will be reflected in the RSBA. The estimate for these  
6 Exceptional Dispatch costs for 2019 of \$482,000 is found in Exhibit No. SD-  
7 0002, Line 2.

8 Q. What other factors make forecasting the variable energy component of RS costs  
9 difficult for 2019?

10 A. As explained previously, it is a challenge to forecast RS energy. Moreover, an  
11 additional assumption, i.e., the net contractual cost per MWh, is needed to turn the  
12 forecasted energy into an RS cost. For Exceptionally Dispatched units, this net  
13 cost per MWh is based on market participant schedules that SDG&E does not and  
14 cannot have access to because the CAISO treats this data as confidential.

15 Q. Could there be other Exceptional Dispatch costs for 2019 that are not included in  
16 the 2019 forecast?

17 A. Yes. In the current CAISO Tariff, section 11.29.7, it states that the CAISO will  
18 publish: (i) Initial Settlement Statements T+3B on the third (3) Business Day  
19 from the relevant Trading Day (T+3B), (ii) Recalculation Settlement Statements  
20 T+12B on the twelfth (12) Business Day from the relevant Trading Day (T+12B),  
21 (iii) Recalculation Settlement Statements T+55B on the fifty-fifth (55) Business  
22 Day from the relevant Trading Day (T+55B), (iv) Recalculation Settlement  
23 Statements T+9M on the one-hundred and ninety-fourth (194) Business Day after

1 the Trading Day, which is approximately nine (9) months after the Trading Day  
2 (T+9M) if necessary, (v) Recalculation Settlement Statements T+18M on the  
3 three hundred and eighty third (383) Business Day after the Trading Day, which is  
4 approximately eighteen (18) calendar months from the relevant Trading Day  
5 (T+18M) if necessary, (vi) Recalculation Settlement Statements T+35M on the  
6 seven hundred and thirty-seventh (737) Business Day after the Trading Day,  
7 which is approximately thirty-five (35) calendar months from the relevant Trading  
8 Day (T+35M) if necessary, (vii) Recalculation Settlement Statements T+36M on  
9 the seven hundred and fifty-ninth (759) Business Day after the Trading Day,  
10 which is approximately thirty-six (36) calendar months from the relevant Trading  
11 Day (T+36M) if necessary, and (viii) any Unscheduled Recalculation Settlement  
12 Statement issued pursuant to CAISO Tariff Section 11.29.7.3. To the extent the  
13 CAISO produces any additional RS costs according to the settlement cycle above,  
14 these RS costs will be charged to the RSBA.

15 Q. Could other RS costs occurring prior to the Go Live date of the CAISO's Market  
16 Redesign Technology Initiative, MRTU, April 1, 2009 be invoiced in 2019?

17 A. Yes. Although not anticipated, in the event the CAISO determines or is required  
18 to rerun a period that occurred prior to the April 1, 2009, which could involve RS  
19 charges, the CAISO's Business Practice Manual for Settlements and Billing,  
20 3.3.2-Historic Rerun Pass Through Bills, provides a process for billing these  
21 Historic Rerun charges in 2019. To the extent these RS costs occur, they will be  
22 charged to the RSBA.

23 Q. What is the expected fixed component of RS costs for 2019?

1 A. The fixed component of RS costs for 2019 is \$0, so it was not reflected in Exhibit  
2 No. SD-0002.

3 Q. What is the expected variable component of RS costs for 2019?

4 A. The variable component of RS costs for 2019 of \$482,000 is found in Exhibit No.  
5 SD-0002 Line 2.

6 Q. What are the expected total RS costs for 2019?

7 A. The expected total RS Revenue Requirement for 2019 is found in Statement BK  
8 (RS Revenue Requirement) totaling \$116,000 as shown on line 19. Statement BK  
9 includes the over-collected RS balance as of November 30, 2018 of \$367,000 and  
10 the total 2019 RS Forecast of \$482K. See Exhibit No. SD-0002, Line 5 and Line  
11 11, respectively.

12 Q. Does this conclude your testimony?

13 A. Yes.

**VERIFICATION**

Ana Lucia Hoyos hereby declares under penalty of perjury of the laws of the United States that the foregoing document is true and correct to the best of his knowledge and belief. See 28 U.S.C. § 1746.

Executed this 14<sup>th</sup> day of December, 2018

Ana Lucia Hoyos

**San Diego Gas & Electric Company**

**Exhibit No. SD-0002**

**RS Costs Forecast**

**Docket No. ER19-\_\_\_\_\_ - \_\_\_\_\_**



## SDG&E 2019 Costs Included in RS Rate

Line No.	Components	2019 Forecasted Costs (\$000's)	Footnote Reference
1	<b>MRTU Exceptional Dispatch</b>		
2	Variable (Energy)	482	1
3			
4	<b>RSBA November 2018 Ending Amount</b>	<b>(367)</b>	
5	<b>RS Amount Before FFU (Line 2 Plus Line 4)</b>	<b>115</b>	
6			
7	Franchise Fees @ 1.0277% (Line 5 X 1.0277%)	<b>1</b>	2
8			
9	Uncollectibles Rate @ .174% (Line 5 X 0.174%)	<b>0</b>	2
10			
11	<b>Total RS Revenue Requirement (Line 5+7+9)</b>	<b>\$ 116</b>	

**Footnotes**

- 1** RS Energy Costs are based on CAISO Exceptional Dispatch (Charge Code 6489) Costs.
- 2** FFU is Franchise Fees and Uncollectibles.

**SDG&E 2019 Costs, in \$000, Included in RS Rate**

Line No.	<u>Unit(s) Owner</u>		<u>Cost by Owner</u>
1	Exceptional Dispatch		\$ 482
2			
3			
4			
5			
6	Energy RS Costs		\$ 482
7	Total RS		\$ 482

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GWENDOLYN R. MORIEN  
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**December 14, 2018**

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**PREPARED DIRECT TESTIMONY OF**

**GWENDOLYN R. MORIEN**

**ON BEHALF OF SAN DIEGO GAS & ELECTRIC COMPANY**

**I. INTRODUCTION**

Q. Please state your name, position and business address.

A. My name is Gwendolyn R. Morien, and I am a Rate Strategy Project Manager in the Customer Pricing department for San Diego Gas & Electric Company (“SDG&E”). My business address is 8330 Century Park Court, San Diego, CA 92123-1530.

Q. Please describe your educational and professional background.

A. I received a Bachelor of Science degree in Accountancy from the State University of New York at Geneseo in 2010, and a Master of International Affairs from the University of California, San Diego in 2016. I am a Certified Public Accountant, licensed in the state of New York. In my current role, one of my responsibilities is to develop and analyze transmission revenue requirements, retail cost allocation, and rate design for SDG&E in proceedings before the Commission. I have been employed by SDG&E since August 2016 and have held my current position since September 2017.

**II. PURPOSE OF TESTIMONY**

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present proposed 2019 Reliability Services (“RS”) retail and wholesale rates for SDG&E customers. In addition, my testimony presents proposed conforming revisions to Appendix VII to SDG&E

1 Transmission Owner Tariff (FERC Electric Tariff, Volume 11, Appendix VII).

2 Specifically, my testimony:

- 3 1) Describes the development of SDG&E's RS retail and wholesale rates  
4 based on the costs addressed in the prepared direct testimony of SDG&E  
5 witness Ana Lucia Hoyos, Exhibit No. SD-0001; and  
6 2) Supports the rate revisions in Appendix VII.

7 **III. DEVELOPMENT OF SDG&E'S RELIABILITY SERVICES RATES**

8 **A. RS Cost Components Used to Develop SDG&E's RS Revenue**  
9 **Requirement**

10 Q. Please describe how the RS cost components are used to develop RS revenue  
11 requirement components in the instant filing.

12 A. Statement BK (Derivation of RS Revenue Requirement), page 1, shown in  
13 Exhibit No. SD-0004, derives SDG&E's total RS Revenue Requirement of  
14 \$0.116 million. Lines 8 and 9 show the demand and energy cost components of  
15 (\$0.000) million and (\$0.482) million, respectively, brought forward from  
16 Statement AH (Operation and Maintenance Expenses), as shown in Exhibit No.  
17 SD-0004. Lines 2 and 3 show the demand and energy cost components (\$0.184)  
18 million and (\$0.183) million, respectively, of the RS Balancing Account over-  
19 collection of (\$0.367) million. The balancing account reflects the RS revenue and  
20 RS expense activity for the period 12-months ending November 2018. Lines 16  
21 and 17 reflect SDG&E's applicable city franchise fee and uncollectible rates of  
22 \$0.001 million and \$0.000 million, respectively, which need to be added to the RS  
23 costs. Line 19 shows the total RS Revenue Requirement of \$0.116 million.

1 Statement BK, page 1, separates the RS Revenue Requirement into  
2 demand and energy cost components that are used for customer class allocation  
3 and rate design purposes.

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

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

7 A. Consistent with the approach SDG&E took in last year's RS Revenue  
8 Requirement filing in Docket No. ER18-488 (which the Commission accepted via  
9 Letter Order dated February 6, 2018), SDG&E allocated RS costs to its sole  
10 wholesale customer on the basis of energy. SDG&E used this method to remain  
11 consistent with the methodology used to charge customer class for High Voltage  
12 and Low Voltage Transmission service under the California Independent System  
13 Operator's ("CAISO") tariff. Under the CAISO tariff, wholesale customers are  
14 allocated and assigned fixed transmission costs using an energy allocation  
15 methodology.

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

18 A. In Statement BL (Rate Design Information), page 2, shown in Exhibit No. SD-  
19 0004, I first calculated an average per kWh rate by dividing total RS Revenue  
20 Requirements of \$116,000 from Statement BK, demand plus energy costs, by the  
21 total energy sales for all of SDG&E's customers, adjusted by adding the  
22 distribution losses to reflect the data as if measured at the transmission level. I  
23 then multiplied this energy rate by SDG&E's single wholesale customer's annual

1 energy sales to derive the amount of RS revenues allocated or applicable to the  
2 wholesale customer. Once I derived the RS revenues applicable to the wholesale  
3 customer, I subtracted this amount from the total RS revenues to derive revenues  
4 applicable to retail End Use Customers. This calculation is shown on Statement  
5 BL, page 2, at the bottom of the page. Once I subtracted the wholesale revenue  
6 from the total RS Revenue Requirement, I then separated the total RS Revenue  
7 Requirement in proportion to the total RS demand and energy costs, as shown at  
8 the bottom of page 2. I then carried forward total demand and energy to  
9 Statement BL, pages 3 and 4, and allocated the total to each customer class.

10 **C. Allocation of RS Costs to SDG&E's Retail Customer Classes**

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

12 A. SDG&E is proposing to allocate its RS costs consistent with the Order.

13 Specifically, SDG&E has allocated its fixed or demand related RS costs to retail  
14 customers using a 12-coincident peak methodology (12-CP) as shown in Exhibit  
15 SDG-3, Statement BB (Allocation Demand and Capability Data). Statement BB,  
16 shows a 5-year historical average for each customer class.

17 This data is for the 5-year period ending December 31, 2016, using  
18 SDG&E's most current available information. The 5-year average is used to  
19 smooth out annual customer class contributions to system peak data to provide  
20 customer class stability. As additional yearly data is available, SDG&E will add  
21 the most current year of data and drop the oldest data to maintain a running 5-year  
22 average. Once the 5-year average is developed, the 12-CP data, shown in  
23 Statement BB, is adjusted by adding the distribution losses for each customer

1 class to reflect the data as if it were measured at the transmission level, consistent  
2 to what was done when developing the wholesale rate. Allocation of fixed costs  
3 using all data at the transmission level will ensure that customer classes are  
4 allocated demand costs on a consistent and equitable basis.

5 Q. How did you allocate RS energy costs?

6 A. Consistent with the Order, SDG&E allocated RS energy costs using a customer  
7 class energy allocation factor as shown in Exhibit No. SD-0003, Statement BD  
8 (Allocation Energy and Supporting Data), page 2.

9 Q. What cost statements show the results of allocating demand and energy costs to  
10 each customer class?

11 A. Statement BL, page 3, shows the amount of demand costs allocated to each  
12 customer class using the 12-CP demand allocation factor. Statement BL, page 4,  
13 shows the amount of energy costs allocated to each customer class using the  
14 energy allocation factor. The sum of the demand and energy costs allocated to  
15 each customer class is summarized on Statement BL, page 5, Column C. This  
16 total represents the total RS Revenue Requirement for each customer class.

17 **D. RS Retail Customer Class Rate Design and Customer Rate Increase**  
18 **Impacts**

19 Q. What rate design is SDG&E using to recover the RS revenue requirement in RS  
20 rates?

21 A. SDG&E is using the same rate design that it used in the previous RS filing in  
22 Docket No. ER18-488-000, which went into effect on January 1, 2018. The  
23 customer classes, reflecting the current designations established by the California  
24 Public Utilities Commission, are as follows:



- 1           •        **Residential Customers** – DR, DR-TOU, TOU-DR, EV-TOU, EV-TOU-2,  
2                    EV-TOU-5, DR-SES, DM, DS, DT, DT-RV, TOU-DR1 and TOU-DR2.
- 3           •        **Small Commercial Customers** – A-TC, TOU-A, TOU-A2, TOU-A3, and  
4                    UM.
- 5           •        **Medium & Large Commercial/Industrial Customers** – AL-TOU, DG-R,  
6                    A6-TOU, OL-TOU and the Vehicle Grid Integration (VGI) Pilot Program.
- 7           •        **Agricultural** – TOU-PA, TOU-PA2, TOU-PA3, and PA-T-1.
- 8           •        **Street Lighting** – DWL, OL-1, OL-2, LS-1, LS-2, and LS-3.
- 9           •        **Standby Service** – S.
- 10    Q.        Is SDG&E proposing any rate design changes in this proceeding?
- 11    A.        SDG&E is not proposing any changes in its rate design methodology for RS in  
12                this proceeding.
- 13    Q.        What are the proposed retail and wholesale RS rates, by rate class, that SDG&E is  
14                proposing?
- 15    A.        The proposed retail and wholesale rates are shown in Exhibit No. SD-0004,  
16                Statement BL, page 1.
- 17    Q.        How did you develop the rates shown in Exhibit No. SD-0004, Statement BL?
- 18    A.        On Statement BL, pages 7 through 14, I show the derivation of each rate. The  
19                first step in the rate design process is to take the revenue requirement for each  
20                customer class, as shown on page 5, Column C, and design the rates based on  
21                2019 forecasted billing determinants to collect this applicable revenue  
22                requirement. The rate design on pages 7 through 14 are explained in the  
23                explanatory notes that are shown in the reference column of each page. After

1 designing each rate, I rounded each rate to the appropriate significant digit used  
2 by SDG&E for billing purposes. I then used the rounded rate to verify that it  
3 proved out to recover the revenue requirement of the applicable customer class  
4 would be recovered. This revenue proof on Column B of page 6 shows the  
5 difference between customer class revenue requirements and proof of revenues to  
6 ensure that SDG&E collects its entire RS revenue requirement.

7 Q. In deriving the RS rates for the Medium & Large Commercial/Industrial class,  
8 Schedule PA-T-1 of the Agricultural class, and Standby class, did you recognize  
9 the fact that these customers are served at different voltage levels?

10 A. Yes, I did. In recognition of the fact that customers in these rate classes are  
11 served at secondary, primary, and transmission voltage levels, SDG&E derived  
12 three voltage-differentiated RS demand rates for these classes. Exhibit No. SD-  
13 0004, Statement BL, pages 9, 12, and 14 show the derivation of these rates for the  
14 Medium & Large Commercial/Industrial class, Schedule PA-T-1 of the  
15 Agricultural class, and the Standby class, respectively.

16 **IV. REVISIONS TO APPENDIX VII**

17 Q. What revisions to SDG&E Appendix VII are you sponsoring?

18 A. I am sponsoring the revised RS rates in Appendix VII as follows:

19 Appendix VII – Revised RS rates by End-Use-Customer class applicable to 2019  
20 service.

21 Appendix VII – Revised 2019 Wholesale RS Rate applicable to SDG&E's lone  
22 wholesale customer.

1 Q. Are you including the complete Appendix VII at this time to incorporate these  
2 revisions?

3 A. Yes. Attachments No. 1 and No. 2 provide clean and redline versions of  
4 Appendix VII, respectively, reflecting the revisions discussed above.

5 **V. CONCLUSION**

6 Q. What is your testimony recommending?

7 A. My testimony recommends that the Commission approve SDG&E's 2019 RS  
8 retail and wholesale rates as proposed.

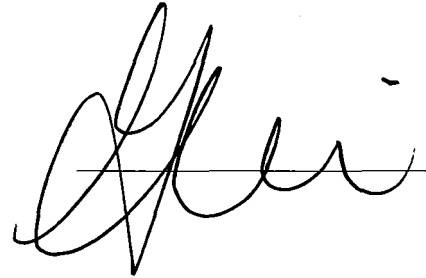
9 Q. Does this complete your testimony?

10 A. Yes.

**VERIFICATION**

Gwendolyn R. Morien hereby declares under penalty of perjury of the laws of the United States that the foregoing document is true and correct to the best of his knowledge and belief. See 28 U.S.C. § 1746.

Executed this 14<sup>th</sup> day of December, 2018

A handwritten signature in black ink, appearing to read 'G. Morien', written over a horizontal line.

**San Diego Gas & Electric Company**

**Exhibit No. SD-0004**

**Reliability Service Filing  
Cost Statements**

**Docket No. ER19-\_\_\_\_\_ - \_\_\_\_\_**

# **Exhibit No. SD-0004**

## **San Diego Gas & Electric Company 2019**

### **Reliability Service - Cost Statements**

#### **Table of Contents**

- A. Statement AH - Operation and Maintenance Expenses**
  - Estimated RS costs forecast for 2019
  
- B. Statement BB - Allocation Demand & Capability Data**
  - Supports 12CP allocation factor and allocation of demand related RS costs.
  
- C. Statement BD - Allocation Energy and Supporting Data**
  - Supports the allocation of energy related RS costs
  
- D. 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 2019
  - Monthly retail revenues using proposed rates during the Rate Effective Period of January through December 2019
  
- E. Statement BH - Revenue Data to Reflect Present Rates**
  - Monthly retail revenues using current rates during the Rate Effective Period of January through December 2019
  
- F. Statement BK -Derivation of RS Revenue Requirement**
  
- G. 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, Vehicle Grid Integration Pilot Customers, Street Lighting Customers and Standby Customers

# **San Diego Gas & Electric Company**

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

**Docket No. ER19-\_\_\_\_\_ - \_\_\_\_\_**

**Statement AH**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**For Rate Effective Period January thru December 31, 2019**  
**Operating and Maintenance Expenses**  
**(\$1,000)**

Line No.	Category	Amounts	Reference	Line No.
1	Forecast Demand Costs	\$ -	Not Applicable for 2019  Exhibit No. SDG-0002; Line 8  Line 1 + Line 3	1
2				2
3	Forecast Energy Costs	\$ 482		3
4				4
5	Total	\$ 482		5



# **San Diego Gas & Electric Company**

## **Statement – BB Allocation Demand & Capability Data**

**Docket No. ER19-\_\_\_\_\_ - \_\_\_\_\_**

**Statement BB**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Allocation Demand and Capability Data**  
**2019 Reliability Services (RS) Filing**  
**(Information Based on Five-Year Average Recorded Data: 2012 - 2016)**

Line No.	Customer Class	(a) 5-Year Average Of 12-CPS Kilowatts @ Meter Level <sup>1</sup>	(b) Transmission Loss Factors	(c) = (a) x (b) 5-Year Average Of 12-CPS; Kilowatts @ Transmission Level	12-CP Allocation Percentages @ Transmission Level	Reference	Line No.
1	Residential Customers	16,464,065	1.0470	17,237,876	43.13%	Page 2; Line 2	1
2	Small Commercial Customers	4,018,574	1.0470	4,207,447	10.53%	Page 2; Line 3	2
3	Medium-Large Commercial Customers						3
4	Secondary	11,579,202	1.0470	12,123,425	30.33%	Page 2; Line 28	4
5	Primary	3,729,658	1.0110	3,770,685	9.43%	Page 2; Line 29	5
6	Transmission	1,453,803	1.0065	1,463,253	3.66%	Page 2; Line 30	6
7	Total Medium-Large Commercial	16,762,664	1.0355	17,357,362	43.43%	Sum Lines 4; 5; 6	7
8							8
9	Agricultural						9
10	Secondary	344,360	1.0470	360,545	0.90%	Page 2; Line 5 plus Line 42	10
11	Primary	60,900	1.0110	61,570	0.15%	Page 2; Line 43	11
12	Transmission	-	1.0065	-	0.00%	Page 2; Line 44	12
13	Total Agricultural	405,260	1.0416	422,115	1.06%	Sum Lines 10; 11; 12	13
14							14
15	Street Lighting	111,741	1.0470	116,993	0.29%	Statement BB; Line 7	15
16	Standby Customers						16
17	Secondary	35,194	1.0470	36,848	0.09%	Page 2; Line 34	17
18	Primary	357,700	1.0110	361,634	0.90%	Page 2; Line 35	18
19	Transmission	226,022	1.0065	227,492	0.57%	Page 2; Line 36	19
20	Total Standby Customers	618,916	1.0114	625,974	1.57%	Sum Lines 17; 18; 19	20
21							21
22	System Total	38,381,220	1.0413	39,967,767	100.00%	Sum Lines 1; 2; 7; 13; 15; 20	22

## Notes:

<sup>1</sup> SDG&E Load Research Data: 2012 - 2016.

**SDG&E Load Research Data: 2012-2016**  
**Sum of 12 Coincident Peaks By Customer Class**

Line No.	Customer Class	2012	2013	2014	2015	2016	5-Year Average	Line No.
1	<b>KW</b>							1
2	Residential	16,524,193	16,804,031	16,393,209	16,184,649	16,414,243	<b>16,464,065</b>	2
3	Small Commercial	3,938,733	4,086,556	4,064,724	3,992,760	4,010,095	<b>4,018,574</b>	3
4	Med & Large Comm/Ind	17,103,728	16,856,833	17,772,094	18,179,541	16,995,703	<b>17,381,580</b>	4
5	PA	121,150	98,964	142,404	129,769	127,946	<b>124,047</b>	5
6	PAT1	244,207	371,161	266,202	253,948	270,548	<b>281,213</b>	6
7	Lighting	<u>141,103</u>	<u>99,724</u>	<u>114,374</u>	<u>93,945</u>	<u>109,560</u>	<b><u>111,741</u></b>	7
8	Total System	38,073,114	38,317,269	38,753,007	38,834,612	37,928,094	<b>38,381,220</b>	8
9								9
10								10
11								11
12	<b><u>% of Total System</u></b>							12
13	Residential	43.4%	43.9%	42.3%	41.7%	43.3%	<b>42.9%</b>	13
14	Small Commercial	10.3%	10.7%	10.5%	10.3%	10.6%	<b>10.5%</b>	14
15	Med & Large Comm/Ind	44.9%	44.0%	45.9%	46.8%	44.8%	<b>45.3%</b>	15
16	PA	0.3%	0.3%	0.4%	0.3%	0.3%	<b>0.3%</b>	16
17	PAT1	0.6%	1.0%	0.7%	0.7%	0.7%	<b>0.7%</b>	17
18	Lighting	<u>0.4%</u>	<u>0.3%</u>	<u>0.3%</u>	<u>0.2%</u>	<u>0.3%</u>	<b><u>0.3%</u></b>	18
19	Total System	100.0%	100.0%	100.0%	100.0%	100.0%	<b>100.0%</b>	19
20								20
21								21
22	<b>Medium &amp; Large C/I Breakdown: Service Voltage Level &amp; Standby Demand</b>							22
23								23
24	<b>Customer Class</b>						<b>5-Year Average</b>	24
25								25
26	<b><u>KW</u></b>							26
27	<b><u>Med &amp; Large Comm/Ind</u></b>							27
28	Secondary						<b>11,579,202</b>	28
29	Primary						<b>3,729,658</b>	29
30	Transmission						<b>1,453,803</b>	30
31	Subtotal						<b><u>16,762,664</u></b>	31
32								32
33	<b><u>Standby</u></b>							33
34	Secondary						<b>35,194</b>	34
35	Primary						<b>357,700</b>	35
36	Transmission						<b>226,022</b>	36
37	Subtotal						<b><u>618,916</u></b>	37
38								38
39	<b><u>Med &amp; Large Comm/Ind Total</u></b>						<b>17,381,580</b>	39
40								40
41	<b><u>PAT1</u></b>							41
42	Secondary						<b>220,313</b>	42
43	Primary						<b>60,900</b>	43
44	Transmission							44
45	Subtotal						<b><u>281,213</u></b>	45
46								46

# **San Diego Gas & Electric Company**

## **Statement – BD Allocation Energy and Supporting Data**

**Docket No. ER19-\_\_\_\_\_ - \_\_\_\_\_**

**Statement BD**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Allocation Energy and Supporting Data**  
**Rate Effective Period - (January 1, 2019 - December 31, 2019)**

Line No.	Months	(a) Total MWh Sales	(b) Sale for Resale (City of Escondido)	(c) = (a) - (b) Retail Energy Sales (@ Meter Level	Reference	Line No.
1	January-19	1,518,301	13	1,518,288	Page 3.1; Line 13	1
2	February-19	1,407,897	13	1,407,884	Page 3.1; Line 13	2
3	March-19	1,378,724	13	1,378,711	Page 3.1; Line 13	3
4	April-19	1,359,704	13	1,359,692	Page 3.1; Line 13	4
5	May-19	1,385,017	13	1,385,004	Page 3.1; Line 13	5
6	June-19	1,463,399	13	1,463,386	Page 3.1; Line 13	6
7	July-19	1,623,547	13	1,623,534	Page 3.1; Line 13	7
8	August-19	1,653,311	13	1,653,298	Page 3.1; Line 13	8
9	September-19	1,815,710	13	1,815,697	Page 3.1; Line 13	9
10	October-19	1,620,963	13	1,620,950	Page 3.1; Line 13	10
11	November-19	1,483,854	13	1,483,841	Page 3.1; Line 13	11
12	December-19	1,500,447	13	1,500,435	Page 3.1; Line 13	12
13						13
14	Sub-Total	18,210,874	154	18,210,720	Sum Lines 1 thru 12	14
15						15

**Statement BD**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Allocation Demand and Capability Data**  
**2019 Reliability Service (RS) Filing <sup>1</sup>**

Line No.	Customer Class	(a) Energy MWH @ Meter Level	(b) Transmission Loss Factors	(c) = (a) x (b) Energy MWH @ Transmission Level	Energy Allocation Factors @ Transmission Level	Line No.
1	Residential Customers	6,104,963	1.0470	6,391,896	33.72%	1
2	Small Commercial Customers	2,262,447	1.0470	2,368,782	12.50%	2
3	Medium-Large Commercial Customers					3
4	Secondary	6,519,430	1.0470	6,825,843	36.01%	4
5	Primary	2,100,391	1.0110	2,123,495	11.20%	5
6	Transmission	820,844	1.0065	826,180	4.36%	6
7	Total Medium-Large Commercial	9,440,665		9,775,518	51.57%	7
8						8
9	Agricultural (Schedules PA, TOU-PA and PA-T-1)					9
10	Schedules PA and TOU-PA	95,767	1.0470	100,268	0.53%	10
11						11
12	Schedule PA-T-1					12
13	Secondary	177,756	1.0470	186,110	0.98%	13
14	Primary	49,136	1.0110	49,677	0.26%	14
15	Transmission	-	1.0065	-	0.00%	15
16	Total Agricultural - Schedule PA-T-1	226,892		235,787	1.24%	16
17						17
18	Street Lighting Customers	79,987	1.0470	83,746	0.44%	18
19	Standby Customers	-				19
20						20
21	Total	18,210,720		18,955,997	100.00%	21

Notes:  
<sup>1</sup> Forecasted systems delivery determinants.

San Diego Gas & Electric													
FERC Forecast Period: January 2019 - December 2019													
Line No.	SDG&E: System Net Delivery Determinants												
1	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
2	589,443	498,039	468,966	422,089	421,884	446,569	521,909	556,940	629,735	539,552	475,848	533,999	6,104,963
3	181,538	174,652	173,551	169,258	176,375	187,321	205,536	207,120	222,629	201,732	183,355	179,379	2,262,447
4	2,048	2,046	2,068	2,000	2,068	2,164	2,291	2,375	2,582	2,310	2,069	1,924	25,945
5	649,733	642,587	644,118	669,322	685,205	726,592	781,227	782,812	845,678	774,797	722,962	688,733	8,613,766
6	68,077	62,839	61,850	66,451	66,517	63,632	72,571	66,560	74,351	66,045	66,031	67,028	800,953
7	5,533	6,060	5,756	6,850	7,696	9,196	10,251	10,037	10,493	9,213	8,190	6,490	95,767
8	14,979	15,034	15,763	17,243	18,731	21,179	22,926	21,963	23,433	20,768	18,798	16,074	226,892
9	6,936	6,627	6,638	6,479	6,526	6,744	6,823	6,491	6,797	6,532	6,587	6,807	79,987
10	13	13	13	13	13	13	13	13	13	13	13	13	154
11	1,518,301	1,407,897	1,378,724	1,359,704	1,385,017	1,463,399	1,623,547	1,653,311	1,815,710	1,620,963	1,483,854	1,500,447	18,210,874
12													
13													
14													
15													
16													
17													
18													
19													
20	2,048	2,046	2,068	2,000	2,068	2,164	2,291	2,375	2,582	2,310	2,069	1,924	25,945
21													
22													
23	97.01%	97.01%	97.01%	97.01%	97.01%	97.15%	97.15%	97.15%	97.15%	97.15%	97.01%	97.01%	97.07%
24	2.99%	2.99%	2.99%	2.99%	2.99%	2.85%	2.85%	2.85%	2.85%	2.85%	2.99%	2.99%	2.93%
25	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%
26	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%
27	1,987	1,984	2,006	1,940	2,006	2,102	2,226	2,308	2,508	2,244	2,007	1,867	25,186
28	61	61	62	60	62	62	65	68	74	66	62	58	759
29	0	0	0	0	0	0	0	0	0	0	0	0	0
30	2,048	2,046	2,068	2,000	2,068	2,164	2,291	2,375	2,582	2,310	2,069	1,924	25,945
31													
32	0.4330%	0.4330%	0.4330%	0.4330%	0.4330%	0.4331%	0.4331%	0.4331%	0.4331%	0.4331%	0.4330%	0.4330%	0.4330%
33	0.2126%	0.2126%	0.2126%	0.2126%	0.2126%	0.2125%	0.2125%	0.2125%	0.2125%	0.2125%	0.2126%	0.2126%	0.2126%
34	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%
35													
36													
37													
38	8.604	8.592	8.686	8.400	8.685	9.103	9.639	9.994	10.861	9.718	8.691	8.063	109,055
39	0.130	0.130	0.131	0.127	0.131	0.131	0.139	0.144	0.156	0.140	0.131	0.122	1,614
40	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
41	8.734	8.722	8.817	8.527	8.816	9.234	9.778	10.137	11.017	9.858	8.822	8.205	110,669
42													
43													
44													

San Diego Gas & Electric													
FERC Forecast Period: January 2019 - December 2019													
Line No.	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
45	<b>Schedules OL-TOU/AY-TOU/JAL-TOU/DG-R:</b>												
46	649,733	642,587	644,118	669,322	685,205	726,592	781,227	782,812	845,678	774,797	722,962	688,733	8,613,766
47													
48	<b>Total Deliveries (MWh)</b>												
49	75.48%	75.48%	75.48%	75.48%	75.48%	75.30%	75.30%	75.30%	75.30%	75.30%	75.48%	75.48%	75.39%
50	22.89%	22.89%	22.89%	22.89%	22.89%	22.80%	22.80%	22.80%	22.80%	22.80%	22.89%	22.89%	22.85%
51	1.63%	1.63%	1.63%	1.63%	1.63%	1.90%	1.90%	1.90%	1.90%	1.90%	1.63%	1.63%	1.79%
52	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%
53	<b>Total Deliveries (MWh)</b>												
54	480,387	484,994	486,149	505,171	517,160	547,094	588,232	589,426	636,761	583,391	545,657	519,822	6,494,244
55	148,732	147,096	147,447	153,216	156,852	165,697	178,156	178,518	192,854	176,690	165,495	157,660	1,968,414
56	10,614	10,497	10,522	10,934	11,194	13,800	14,838	14,868	16,062	14,716	11,810	11,251	151,108
57	649,733	642,587	644,118	669,322	685,205	726,592	781,227	782,812	845,678	774,797	722,962	688,733	8,613,767
58	<b>Non-Coincident Demand (%)</b>												
59	0.2727%	0.2727%	0.2727%	0.2727%	0.2727%	0.2731%	0.2731%	0.2731%	0.2731%	0.2731%	0.2727%	0.2727%	0.2728%
60	0.2145%	0.2145%	0.2145%	0.2145%	0.2145%	0.2149%	0.2149%	0.2149%	0.2149%	0.2149%	0.2145%	0.2145%	0.2147%
61	0.2218%	0.2218%	0.2218%	0.2218%	0.2218%	0.2216%	0.2216%	0.2216%	0.2216%	0.2216%	0.2218%	0.2218%	0.2217%
62													
63	<b>Non-Coincident Demand (MW)</b>												
64	1,337,124	1,322,418	1,325,568	1,377,436	1,410,124	1,493,918	1,606,251	1,609,510	1,738,766	1,593,031	1,487,825	1,417,384	17,719,352
65	318,971	315,463	316,214	328,568	336,385	356,086	382,862	383,638	414,448	379,711	354,921	338,117	4,225,404
66	23,538	23,279	23,335	24,248	24,823	30,585	32,885	32,952	35,598	32,614	26,191	24,951	334,999
67	1,679,633	1,661,160	1,665,117	1,730,271	1,771,332	1,880,589	2,021,997	2,026,100	2,188,811	2,005,355	1,868,937	1,780,451	22,279,755
68	<b>On-Peak Demand-Standard Customers (%)</b>												
69	0.2478%	0.2478%	0.2478%	0.2478%	0.2478%	0.2490%	0.2490%	0.2490%	0.2490%	0.2490%	0.2478%	0.2478%	0.2483%
70	0.2184%	0.2184%	0.2184%	0.2184%	0.2184%	0.2128%	0.2128%	0.2128%	0.2128%	0.2128%	0.2184%	0.2184%	0.2159%
71	0.3864%	0.3864%	0.3864%	0.3864%	0.3864%	0.3961%	0.3961%	0.3961%	0.3961%	0.3961%	0.3864%	0.3864%	0.3912%
72													
73	<b>On-Peak Demand-Standard Customers (MW)</b>												
74	1,215,012	1,201,650	1,204,512	1,251,643	1,281,346	1,362,062	1,464,481	1,467,452	1,585,300	1,452,428	1,351,951	1,287,943	16,125,780
75	324,901	321,328	322,093	334,696	342,639	352,554	379,063	379,832	410,336	375,944	361,519	344,403	4,249,308
76	41,009	40,558	40,655	42,245	43,248	54,669	58,780	58,899	63,629	58,296	45,631	43,471	591,088
77	1,580,922	1,563,535	1,567,260	1,628,585	1,667,233	1,769,285	1,902,324	1,906,183	2,059,265	1,886,667	1,759,101	1,675,816	20,966,176
78													
79	<b>On-Peak Demand-Grandfathered Customers (%)</b>												
80	0.2314%	0.2314%	0.2314%	0.2314%	0.2314%	0.2651%	0.2651%	0.2651%	0.2651%	0.2651%	0.2314%	0.2314%	0.2466%
81	0.2091%	0.2091%	0.2091%	0.2091%	0.2091%	0.2234%	0.2234%	0.2234%	0.2234%	0.2234%	0.2091%	0.2091%	0.2156%
82	0.3643%	0.3643%	0.3643%	0.3643%	0.3643%	0.3991%	0.3991%	0.3991%	0.3991%	0.3991%	0.3643%	0.3643%	0.3814%
83													
84	<b>On-Peak Demand-Grandfathered Customers (MW)</b>												
85	1,134,604	1,122,125	1,124,798	1,168,810	1,196,547	1,450,117	1,559,157	1,562,320	1,687,787	1,546,324	1,262,480	1,202,707	16,017,777
86	310,989	307,568	308,301	320,364	327,967	370,194	398,030	398,837	430,867	394,754	346,039	329,655	4,243,566
87	38,662	38,237	38,328	39,827	40,772	55,076	59,218	59,338	64,103	58,730	43,019	40,982	576,292
88	1,484,254	1,467,930	1,471,427	1,529,002	1,565,287	1,875,387	2,016,404	2,020,495	2,182,757	1,999,808	1,651,538	1,573,345	20,837,634
89													
90	<b>Total Deliveries (MWh)</b>												
91													



San Diego Gas & Electric FERC Forecast Period: January 2019 - December 2019													Line No.
Schedule A6-TOU:													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
92	68.077	62.839	61.850	66.451	66.517	63.632	72.571	65.560	74.351	66.045	66.031	67.028	800.953
93													
94													
95													
96	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%
97	16.34%	16.34%	16.34%	16.34%	16.34%	16.44%	16.44%	16.44%	16.44%	16.44%	16.34%	16.34%	16.38%
98	83.66%	83.66%	83.66%	83.66%	83.66%	83.56%	83.56%	83.56%	83.56%	83.56%	83.66%	83.66%	83.62%
99	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%
100													
101	0	0	0	0	0	0	0	0	0	0	0	0	0
102	11.126	10.270	10.108	10.860	10.871	10.458	11.927	10.775	12.220	10.855	10.792	10.954	131.217
103	56.951	52.570	51.742	55.591	55.646	53.174	60.643	54.785	62.131	55.190	55.240	56.073	669.736
104	68.077	62.839	61.850	66.451	66.517	63.632	72.571	65.560	74.351	66.045	66.031	67.028	800.953
105													
106	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%
107	0.1826%	0.1826%	0.1826%	0.1826%	0.1826%	0.1820%	0.1820%	0.1820%	0.1820%	0.1820%	0.1826%	0.1826%	0.1823%
108	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%
109													
110													
111	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
112	20.314	18.751	18.456	19.829	19.848	19.032	21.705	19.608	22.238	19.754	19.703	20.001	239.238
113	97.390	89.897	88.482	95.064	95.159	90.930	103.703	93.685	106.247	94.379	94.463	95.889	1,145.289
114	117.704	108.648	106.937	114.893	115.007	109.962	125.409	113.294	128.485	114.132	114.167	115.890	1,384.527
115													
116	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%
117	0.1384%	0.1384%	0.1384%	0.1384%	0.1384%	0.1194%	0.1194%	0.1194%	0.1194%	0.1194%	0.1384%	0.1384%	0.1303%
118	0.1403%	0.1403%	0.1403%	0.1403%	0.1403%	0.1479%	0.1479%	0.1479%	0.1479%	0.1479%	0.1403%	0.1403%	0.1436%
119													
120													
121	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
122	15.401	14.216	13.992	15.033	15.048	12.491	14.246	12.870	14.596	12.965	14.938	15.163	170.959
123	79.920	73.771	72.610	78.012	78.089	78.651	89.699	81.034	91.900	81.634	77.519	78.688	961.526
124	95.321	87.987	86.602	93.045	93.137	91.142	103.945	93.904	106.495	94.599	92.457	93.852	1,132.485
125													
126													
127	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%
128	0.1385%	0.1385%	0.1385%	0.1385%	0.1385%	0.1202%	0.1202%	0.1202%	0.1202%	0.1202%	0.1385%	0.1385%	0.1307%
129	0.1401%	0.1401%	0.1401%	0.1401%	0.1401%	0.1497%	0.1497%	0.1497%	0.1497%	0.1497%	0.1401%	0.1401%	0.1442%
130													
131													
132	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
133	15.408	14.223	13.999	15.040	15.055	12.572	14.338	12.953	14.690	13.049	14.945	15.171	171.441
134	79.793	73.654	72.494	77.887	77.964	79.596	90.777	82.007	93.004	82.615	77.395	78.563	965.747
135	95.201	87.876	86.493	92.927	93.019	92.168	105.115	94.960	107.693	95.663	92.340	93.733	1,137.189
136													
137													

San Diego Gas & Electric FERC Forecast Period: January 2019 - December 2019													Line No.	
Line No.		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
138														
139														
140														
141	<b>Deliveries (MWh)</b>													
142	Med & Large Comm./Ind.	719,859	707,472	708,036	737,773	753,790	792,388	856,089	850,747	922,610	843,153	791,062	757,685	9,440,665
143														
144	<b>Deliveries (MWh)</b>													
145	MWh @ Secondary Service	492,374	486,978	488,155	507,112	519,166	549,196	590,458	591,733	639,269	585,635	547,664	521,689	6,519,430
146	MWh @ Primary Service	159,919	157,427	157,617	164,136	167,785	176,217	190,149	189,361	205,148	187,611	176,349	168,672	2,100,391
147	MWh @ Transmission Service	67,565	63,067	62,264	66,525	66,840	66,974	75,481	69,653	78,193	69,906	67,050	67,325	820,844
148		719,859	707,472	708,036	737,773	753,790	792,388	856,089	850,747	922,610	843,153	791,062	757,685	9,440,665
149	<b>Non-Coincident Demand (MW)</b>													
150	MW @ Secondary Service	1,345,727	1,331,010	1,334,254	1,385,836	1,418,809	1,503,021	1,615,890	1,619,503	1,749,627	1,602,749	1,496,516	1,425,466	17,828,407
151	MW @ Primary Service	339,415	334,344	334,801	348,543	356,365	375,249	404,706	403,391	436,842	399,604	374,756	368,240	4,466,256
152	MW @ Transmission Service	120,928	113,176	111,816	119,312	119,982	121,515	136,588	126,637	141,845	126,993	120,654	120,840	1,480,288
153		1,806,070	1,778,530	1,780,872	1,853,691	1,896,155	1,999,785	2,157,184	2,149,531	2,328,314	2,129,346	1,991,926	1,904,546	23,774,952
154														
155														
156														
157														

San Diego Gas & Electric FERC Forecast Period: January 2019 - December 2019														
Line No.	Line No.	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
158		<b>Schedule PA-T-1:</b>												
159	<b>Total Deliveries (MWh)</b>	14,979	15,034	15,763	17,243	18,731	21,179	22,926	21,963	23,433	20,768	18,798	16,074	226,892
160														160
161	<b>Total Deliveries (%)</b>													
162	% @ Secondary Service	76.47%	76.47%	76.47%	76.47%	76.47%	80.32%	80.32%	80.32%	80.32%	80.32%	76.47%	76.47%	78.34%
163	% @ Primary Service	23.53%	23.53%	23.53%	23.53%	23.53%	19.68%	19.68%	19.68%	19.68%	19.68%	23.53%	23.53%	21.66%
164	% @ 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%
165		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%
166	<b>Total Deliveries (MWh)</b>													
167	MWh @ Secondary Service	11,455	11,497	12,055	13,186	14,325	17,011	18,415	17,641	18,822	16,681	14,376	12,293	177,756
168	MWh @ Primary Service	3,524	3,537	3,708	4,057	4,407	4,168	4,512	4,322	4,611	4,087	4,423	3,782	49,136
169	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
170		14,979	15,034	15,763	17,243	18,731	21,179	22,926	21,963	23,433	20,768	18,798	16,074	226,892
171	<b>Non-Coincident Demand (%)</b>													
172	% @ Secondary Service	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%
173	% @ Primary Service	0.4011%	0.4011%	0.4011%	0.4011%	0.4011%	0.3976%	0.3976%	0.3976%	0.3976%	0.3976%	0.4011%	0.4011%	0.3995%
174	% @ 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%
175														
176	<b>Non-Coincident Demand (MW)</b>													
177	MW @ Secondary Service	46,745	46,914	49,189	53,807	58,453	69,417	75,145	71,988	76,808	68,070	58,662	50,161	725,360
178	MW @ Primary Service	14,135	14,187	14,875	16,271	17,676	16,569	17,936	17,183	18,333	16,247	17,739	15,169	196,319
179	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	0.000
180		60,880	61,101	64,064	70,079	76,129	85,986	93,081	89,171	95,141	84,317	76,401	65,329	921,680
181														
182														
183														
184		<b>Schedule S: Standby Determinants:</b>												
185	<b>Contracted Standby Demand (MW)</b>													
186	MW @ Secondary Service	11,386	9,866	9,866	10,866	10,866	10,8389	10,8389	10,8389	10,7329	10,7324	10,7324	10,7324	128,297
187	MW @ Primary Service	102,818	102,627	102,415	105,616	105,619	105,901	105,607	104,668	103,38	103,415	104,418	104,314	1,250,798
188	MW @ Transmission Service	63,557	63,355	61,003	61,078	60,834	60,829	60,801	60,693	60,536	60,501	60,394	60,394	733,975
189		177,761	176,848	173,284	177,560	177,319	177,569	177,247	176,200	174,649	174,648	175,544	175,440	2,113,070
190														

# **San Diego Gas & Electric Company**

## **Statement – BG Revenue Data to Reflect Changed Rates**

**Docket No. ER19-\_\_\_\_\_ - \_\_\_\_\_**

Statement BG  
**SAN DIEGO GAS & ELECTRIC COMPANY**  
 2019 Reliability Service (RS) Filing  
 Comparison of RS Revenues During Rate Effective Period @ Forecast Billing Determinants  
 (\$000)

Line No.	Customer Classes	(a) 2019 RS Revenue <sup>1</sup> @ Proposed Rates	(b) 2019 RS Revenue @ Present Rates	(c) = (a) - (b) (\$) Change	(d) = (c)/(b) (%) Change	Reference	Line No.
1	Residential Customers	\$ -	\$ 244	\$ (244)	-100.00%	(a) Statement BG, Page 5, Line 1, Col. M / 1000	1
2						(b) Statement BH, Page 4, Line 1, Col. M / 1000	2
3	Small Commercial (w/o Schedules PA and TOU-PA)	23	90	(68)	-75.00%	(a) Statement BG, Page 5, Line 3, Col. M / 1000	3
4						(b) Statement BH, Page 4, Line 3, Col. M / 1000	4
5	Medium-Large Commercial/Industrial (w/o Schedule PA-T-1)	189	427	(238)	-55.74%	(a) Statement BG, Page 5, Line 8, Col. M / 1000	5
6						(b) Statement BH, Page 4, Line 8, Col. M / 1000	6
7	Agricultural (Schedules TOU-PA, TOU-PA2, TOU-PA3 and PA-T-1)	1	3	(2)	-66.67%	(a) Statement BG, Page 5, Line 11, Col. M / 1000	7
8	Schedules TOU-PA, TOU-PA2, and TOU-PA3					(b) Statement BH, Page 4, Line 11, Col. M / 1000	8
9						(a) Statement BG, Page 5, Line 16, Col. M / 1000	9
10	Schedule PA-T-1	2	5	(2)	-50.00%	(b) Statement BH, Page 4, Line 16, Col. M / 1000	10
11						(a) Statement BG, Page 5, Line 18, Col. M / 1000	11
12	Street Lighting Customers	1	2	(2)	-66.67%	(b) Statement BH, Page 4, Line 18, Col. M / 1000	12
13						(a) Statement BG, Page 5, Line 20, Col. M / 1000	13
14	Standby Customers	-	-	-	0.00%	(b) Statement BH, Page 4, Line 20, Col. M / 1000	14
15						(a) Statement BG, Page 5, Line 20, Col. M / 1000	15
16	Grand Total	\$ 215	\$ 771	\$ (556)	-72.06%	(b) Statement BH, Page 4, Line 20, Col. M / 1000 Sum Lines 1 through 15	16

Notes:

<sup>1</sup>Transmission rates are calculated using the revenue requirement in Statement BK and forecasted sales. The revenue at proposed rates shown in column (a) is based on proposed rates times forecasted sales.

Statement BG

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service Revenue Data to Reflect Changed Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2019

Line No.	Customer Classes	(A) Jan-19		(B) Feb-19		(C) Mar-19		(D) Apr-19		(E) May-19		(F) Jun-19		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers	589,442,818		498,039,394		468,966,460		422,088,538		421,884,409		446,558,824		1
2														2
3	Small Commercial	181,537,590		174,651,504		173,551,399		169,258,161		176,375,498		187,320,885		3
4														4
5	Medium-Large Commercial/Industrial	719,858,720	1,806,070	707,472,400	1,778,530	708,036,071	1,780,872	737,772,971	1,853,691	753,790,400	1,895,155	792,387,691	1,999,785	5
6														6
7	Agricultural													7
8	Schedules PA and TOU-PA	5,533,302		6,060,260		5,756,300		6,850,316		7,696,254		9,196,454		8
9	Schedule PA-T-1	14,979,454	60,880	15,033,835	61,101	15,762,943	64,064	17,242,782	70,079	18,731,425	76,129	21,178,612	85,986	9
10														10
11	Street Lighting	6,936,300		6,626,605		6,637,744		6,478,801		6,525,985		6,743,543		11
12														12
13	Standby Customers		177,761		175,848		173,284		177,560		177,319		177,569	13
14														14
15	TOTAL	1,518,288,184	2,044,711	1,407,883,998	2,015,479	1,378,710,917	2,018,220	1,359,691,569	2,101,330	1,385,003,971	2,148,603	1,463,386,009	2,263,340	15

Statement BG

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, 2019

Line No.	Customer Classes	(G) Jul-19		(H) Aug-19		(I) Sep-19		(J) Oct-19		(K) Nov-19		(L) Dec-19		Line No.
		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers	521,908,767		556,939,676		629,734,825		539,552,481		475,847,516		533,998,804		1
2														2
3	Small Commercial	205,536,482		207,120,271		222,629,026		201,731,872		183,354,798		179,379,118		3
4														4
5	Medium-Large Commercial/Industrial	856,088,723	2,157,184	850,747,427	2,149,531	922,610,270	2,328,314	843,152,515	2,129,346	791,062,488	1,991,926	757,685,190	1,904,546	5
6														6
7	Agricultural													7
8	Schedules PA and TOU-PA	10,251,269		10,036,561		10,493,000		9,213,457		8,190,235		6,489,977		8
9	Schedule PA-T-1	22,926,046	93,081	21,963,060	89,171	23,433,453	95,141	20,767,536	84,317	18,798,470	76,401	16,074,224	65,329	9
10														10
11	Street Lighting	6,823,155		6,490,950		6,796,854		6,532,494		6,587,406		6,807,218		11
12														12
13	Standby Customers		177,247		176,200		174,649		174,648		175,544		175,440	13
14														14
15	TOTAL	1,623,534,442	2,427,512	1,653,297,945	2,414,902	1,815,697,428	2,598,103	1,620,950,355	2,388,312	1,483,840,913	2,243,872	1,500,434,531	2,145,316	15

Notes:

<sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2019.

Statement BG

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, 2019

Line No.	Customer Classes	(M)		Line No.
		12 Months to Date		
		Energy (kWh)	Demand (kW)	
1	Residential Customers	6,104,962,512	-	1
2				2
3	Small Commercial	2,262,446,604	-	3
4				4
5	Medium-Large Commercial/Industrial	9,440,664,866	23,774,952	5
6				6
7	Agricultural			7
8	Schedules TOU-PA, TOU-PA2, and TOU-PA3	95,767,385		8
9	Schedule PA-T-1	226,891,840	921,680	9
10				10
11	Street Lighting	79,987,055	-	11
12				12
13	Standby Customers	-	2,113,070	13
14				14
15	TOTAL	18,210,720,262	26,809,701	15

Notes:

<sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2019.



Statement BG

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service Revenue Data To Reflect Changed Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2019

Line No.	Customer Class	(A) Jan-19	(B) Feb-19	(C) Mar-19	(D) Apr-19	(E) May-19	(F) Jun-19	(G) Jul-19	(H) Aug-19	(I) Sep-19	(J) Oct-19	(K) Nov-19	(L) Dec-19	(M) Total	Line No.
1	Residential Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1
2															2
3	Small Commercial	1,815	1,747	1,736	1,693	1,764	1,873	2,055	2,071	2,226	2,017	1,834	1,794	22,624	3
4															4
5	Medium-Large Commercial/Industrial	14,397	14,149	14,161	14,755	15,076	15,848	17,122	17,015	18,452	16,863	15,821	15,154	188,813	5
6	Energy Revenues														6
7	Demand Revenues														7
8	Total	14,397	14,149	14,161	14,755	15,076	15,848	17,122	17,015	18,452	16,863	15,821	15,154	188,813	8
9															9
10	Agricultural	55	61	58	69	77	92	103	100	105	92	82	65	958	10
11	Schedules TOU-PA, TOU-PA2, TOU-PA3														11
12															12
13	Schedule PA-T-1	150	150	158	172	187	212	229	220	234	208	188	161	2,269	13
14	Energy Revenues														14
15	Demand Revenues														15
16	Total	150	150	158	172	187	212	229	220	234	208	188	161	2,269	16
17															17
18	Street Lighting	69	66	66	65	65	67	68	65	68	65	66	68	800	18
19															19
20	Standby Revenues														20
21															21
22	TOTAL	16,487	16,173	16,178	16,754	17,169	18,092	19,577	19,471	21,086	19,246	17,991	17,241	215,464	22

Statement BG  
SAN DIEGO GAS AND ELECTRIC COMPANY  
Reliability Service Revenue Data To Reflect Changed Rates  
Rate Effective Period - Twelve Months Ending December 31, 2019

Line No.	Customer Classes	(A) Jan-19		(B) Feb-19		(C) Mar-19		(D) Apr-19		(E) May-19		(F) Jun-19		Reference	Line No.
		Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)		
1	Residential Customers	589,442,818	-	498,039,394	-	468,966,460	-	422,085,538	-	421,884,409	-	446,558,824	-	Statement BG, Page 2, Line 1	1
2	Small Commercial	181,537,590	-	174,651,504	-	173,551,399	-	169,258,161	-	176,375,498	-	187,320,885	-	Statement BG, Page 2, Line 3	2
3	Medium-Large Commercial/Industrial	719,858,720	1,806,070	707,472,400	1,778,530	708,036,071	1,780,872	737,772,971	1,853,691	753,790,400	1,895,155	792,387,691	1,999,785	Statement BG, Page 2, Line 5	3
4	Agricultural	5,533,302	-	6,060,260	-	5,756,300	-	6,850,316	-	7,696,254	-	9,196,454	-	Statement BG, Page 2, Line 8	4
5	Schedules TOU-PA, TOU-PA2, TOU-PA3	14,979,454	60,880	15,033,835	61,101	15,762,943	64,064	17,242,782	70,079	18,731,425	76,129	21,178,612	85,986	Statement BG, Page 2, Line 9	5
6	Schedule PA-T-1	6,936,300	-	6,626,605	-	6,637,744	-	6,478,801	-	6,525,985	-	6,743,543	-	Statement BG, Page 2, Line 11	6
7	Street Lighting	-	-	-	-	-	-	-	-	-	-	-	-	Statement BG, Page 2, Line 12	7
8	Standby Customers	-	177,761	-	175,848	-	173,284	-	177,560	-	177,319	-	177,569	Statement BG, Page 2, Line 13	8
9	TOTAL	1,518,288,184	2,044,711	1,407,883,998	2,015,479	1,378,710,917	2,018,220	1,359,691,569	2,101,330	1,385,003,971	2,148,603	1,463,386,009	2,263,340	Sum Lines 1,3,5,8,9,11 & 13	9

Line No.	Customer Classes	(A) Jan-19		(B) Feb-19		(C) Mar-19		(D) Apr-19		(E) May-19		(F) Jun-19		Reference	Line No.
		Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)		
16	Residential Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 1, Col. A	16
17	Small Commercial	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	Statement BL, Page 1, Line 3, Col. A	17
18	Medium-Large Commercial/Industrial	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	Statement BL, Page 1, Line 5, Col. A	18
19	Agricultural	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	Statement BL, Page 1, Line 9, Col. A	19
20	Schedules TOU-PA, TOU-PA2, TOU-PA3	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	Statement BL, Page 1, Line 10, Col. A	20
21	Schedule PA-T-1	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	Statement BL, Page 1, Line 12, Col. A	21
22	Street Lighting	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	Statement BL, Page 1, Line 12, Col. A	22
23	Standby Customers	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	Statement BL, Page 1, Line 12, Col. A	23
24	TOTAL	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	Sum Lines 1,3,5,8,9,11 & 13	24

Line No.	Customer Classes	(A) Jan-19		(B) Feb-19		(C) Mar-19		(D) Apr-19		(E) May-19		(F) Jun-19		Reference	Line No.
		Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)		
29	Residential Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 1 x Line 16	29
30	Small Commercial	\$ 1,815	\$ -	\$ 1,747	\$ -	\$ 1,736	\$ -	\$ 1,693	\$ -	\$ 1,764	\$ -	\$ 1,873	\$ -	Line 3 x Line 18	30
31	Medium-Large Commercial/Industrial	\$ 14,397	\$ -	\$ 14,149	\$ -	\$ 14,161	\$ -	\$ 14,755	\$ -	\$ 15,076	\$ -	\$ 15,848	\$ -	Statement BG, Page 8, Lines 4 & 23	31
32	Agricultural	\$ 55	\$ -	\$ 61	\$ -	\$ 58	\$ -	\$ 69	\$ -	\$ 77	\$ -	\$ 92	\$ -	Line 8 x Line 23	32
33	Schedules TOU-PA, TOU-PA2, TOU-PA3	\$ 150	\$ -	\$ 150	\$ -	\$ 158	\$ -	\$ 172	\$ -	\$ 187	\$ -	\$ 212	\$ -	Statement BG, Page 9, Lines 4 & 23	33
34	Schedule PA-T-1	\$ 69	\$ -	\$ 66	\$ -	\$ 66	\$ -	\$ 65	\$ -	\$ 65	\$ -	\$ 67	\$ -	Line 11 x Line 26	34
35	Street Lighting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BG, Page 10, Line 20	35
36	Standby Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BG, Page 10, Line 20	36
37	TOTAL	\$ 16,487	\$ -	\$ 16,173	\$ -	\$ 16,178	\$ -	\$ 16,754	\$ -	\$ 17,169	\$ -	\$ 18,092	\$ -	Sum Lines 29, 31, 33, 36, 37, 39 & 41	37
38	Grand Total	\$ 16,487	\$ -	\$ 16,173	\$ -	\$ 16,178	\$ -	\$ 16,754	\$ -	\$ 17,169	\$ -	\$ 18,092	\$ -	Sum Lines 29, 31, 33, 36, 37, 39 & 41	38

Statement BG

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service Revenue Data To Reflect Changed Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2019

Line No.	Customer Classes	(G) Jul-19		(H) Aug-19		(I) Sep-19		(J) Oct-19		(K) Nov-19		(L) Dec-19		(M) Reference	Line No.
		Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)		
1	Residential Customers	521,908,767	-	556,939,676	-	629,734,825	-	539,552,481	-	475,847,516	-	533,998,804	-	Statement BG, Page 3, Line 1	1
2	Small Commercial	205,516,482	-	207,120,271	-	222,629,026	-	201,731,872	-	183,354,798	-	179,379,118	-	Statement BG, Page 3, Line 3	2
3	Medium-Large Commercial/Industrial	856,088,723	2,157,184	850,747,427	2,149,531	922,610,270	2,228,314	843,152,515	2,129,346	791,062,488	1,991,926	757,685,190	1,904,546	Statement BG, Page 3, Line 5	3
4	Agricultural	10,251,269	-	10,036,561	-	10,493,000	-	9,214,457	-	8,190,235	-	6,489,977	-	Statement BG, Page 3, Line 8	4
5	Schedules TOU-PA, TOU-PA2, TOU-PA3	22,926,046	93,081	21,963,060	89,171	23,433,453	95,141	20,767,536	84,317	18,798,470	76,401	16,074,224	65,329	Statement BG, Page 3, Line 9	5
6	Schedule PA-T-1	6,823,155	-	6,490,950	-	6,796,854	-	6,532,494	-	6,587,406	-	6,807,218	-	Statement BG, Page 3, Line 11	6
7	Street Lighting	-	-	-	-	-	-	-	-	-	-	-	-	Statement BG, Page 3, Line 13	7
8	Standby Customers	-	-	177,247	-	174,649	-	174,648	-	175,544	-	175,544	-	Statement BG, Page 3, Line 13	8
9	TOTAL	1,623,534,442	2,427,512	1,653,297,945	2,414,902	1,815,697,428	2,598,103	1,620,950,355	2,388,312	1,483,840,913	2,243,872	1,500,434,531	2,145,316	Sum Lines 1, 3, 5, 8, 9, 11 & 13	9

Line No.	Customer Classes	(G) Jul-19		(H) Aug-19		(I) Sep-19		(J) Oct-19		(K) Nov-19		(L) Dec-19		(M) Reference	Line No.
		Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)		
16	Residential Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 1, Col A	16
17	Small Commercial	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	Statement BL, Page 1, Line 3, Col A	17
18	Medium-Large Commercial/Industrial	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	Statement BL, Page 1, Line 5, Col A	18
19	Agricultural	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	Statement BL, Page 1, Line 9, Col A	19
20	Schedules TOU-PA, TOU-PA2, TOU-PA3	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	Statement BL, Page 1, Line 10, Col A	20
21	Schedule PA-T-1	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	Statement BL, Page 1, Line 12, Col A	21
22	Street Lighting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 12, Col A	22
23	Standby Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 12, Col A	23
24	TOTAL	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	Sum Lines 29, 31, 33, 36, 37, 39 & 41	24

Line No.	Customer Classes	(G) Jul-19		(H) Aug-19		(I) Sep-19		(J) Oct-19		(K) Nov-19		(L) Dec-19		(M) Reference	Line No.
		Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)		
29	Residential Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 1 x Line 16	29
30	Small Commercial	\$ 2,055	\$ 2,071	\$ 2,226	\$ 2,017	\$ 2,226	\$ 2,017	\$ 1,834	\$ 1,794	\$ 1,834	\$ 1,794	\$ 1,794	\$ 1,794	Line 3 x Line 18	30
31	Medium-Large Commercial/Industrial	\$ 17,122	\$ -	\$ 17,015	\$ -	\$ 18,452	\$ -	\$ 16,863	\$ -	\$ 15,821	\$ -	\$ 15,154	\$ -	Statement BG, Page 8, Lines 4 & 23	31
32	Agricultural	\$ 103	\$ 100	\$ 105	\$ 92	\$ 105	\$ 92	\$ 82	\$ 82	\$ 82	\$ 65	\$ 65	\$ 65	Line 8 x Line 23	32
33	Schedules TOU-PA, TOU-PA2, TOU-PA3	\$ 2,229	\$ -	\$ 2,234	\$ -	\$ 2,344	\$ -	\$ 2,088	\$ -	\$ 1,888	\$ -	\$ 1,611	\$ -	Statement BG, Page 9, Lines 4 & 23	33
34	Schedule PA-T-1	\$ 68	\$ 65	\$ 68	\$ 65	\$ 68	\$ 65	\$ 66	\$ 66	\$ 66	\$ 68	\$ 68	Line 11 x Line 26	34	
35	Street Lighting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BG, Page 10, Line 20	35
36	Standby Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Sum Lines 29, 31, 33, 36, 37, 39 & 41	36
37	TOTAL	\$ 19,577	\$ -	\$ 19,471	\$ -	\$ 21,086	\$ -	\$ 19,246	\$ -	\$ 17,991	\$ -	\$ 17,241	\$ -		37
38	Grand Total	\$ 19,577	\$ -	\$ 19,471	\$ -	\$ 21,086	\$ -	\$ 19,246	\$ -	\$ 17,991	\$ -	\$ 17,241	\$ -		38

Statement - BG  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service Revenue Data to Reflect Changed Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2019  
 Medium-Large Commercial/Industrial Customers

Line No.	Description	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Reference
1	Energy Revenues														
2	Commodity Sales - kWh	719,858,720	707,472,400	708,036,071	737,772,971	753,790,400	792,387,691	856,088,723	850,747,427	922,610,270	843,152,515	791,062,488	757,685,190	9,440,664,866	Statement BG, Pages 2 & 3, Line 5
3	Commodity Rate - \$/kWh	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	Statement BL, Page 1, Line 5, Col. A
4	Total Commodity Revenues	14,397	14,149	14,161	14,755	15,076	15,848	17,122	17,015	18,452	16,863	15,821	15,154	188,813	Line 2 x Line 3
5															
6	Non-Coincident Demand - (kW):														
7	Secondary	1,345,727	1,331,010	1,334,254	1,385,836	1,418,809	1,503,021	1,615,890	1,619,503	1,749,627	1,602,749	1,496,516	1,425,466	17,828,407	Statement BG, Page 12, Line 151 x 1000
8	Primary	339,415	334,344	334,801	348,543	356,365	375,249	404,706	403,391	436,842	399,604	374,756	358,240	4,466,256	Statement BG, Page 12, Line 152 x 1000
9	Transmission	120,928	113,176	111,816	119,312	119,982	121,515	136,588	126,637	141,845	126,993	120,654	120,840	1,480,288	Statement BG, Page 12, Line 153 x 1000
10	Total	1,806,070	1,778,530	1,780,872	1,853,691	1,895,155	1,999,785	2,157,184	2,149,531	2,328,314	2,129,346	1,991,926	1,904,546	23,774,952	Sum Lines 7, 8, 9
11	Check Figure	1,806,070	1,778,530	1,780,872	1,853,691	1,895,155	1,999,785	2,157,184	2,149,531	2,328,314	2,129,346	1,991,926	1,904,546	23,774,952	
12	Difference														Line 10 Less Line 11
13															
14	Non-Coincident Demand Rates Per (\$/kW):														
15	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 5, Col. D
16	Primary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 5, Col. C
17	Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 5, Col. B
18															
19	Revenues at Changed Rates:														
20	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 7 x Line 15
21	Primary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 8 x Line 16
22	Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 9 x Line 17
23	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Sum Lines 20, 21, 22
24															
25	Total Revenues at Changed Rates	\$ 14,397	\$ 14,149	\$ 14,161	\$ 14,755	\$ 15,076	\$ 15,848	\$ 17,122	\$ 17,015	\$ 18,452	\$ 16,863	\$ 15,821	\$ 15,154	\$ 188,813	Line 4 + Line 23

Statement - BG

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service Revenue Data to Reflect Changed Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2019  
 Schedule PA-T-1 Customers

Line No.	Description	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Reference	Line No.
1	Energy Revenues															
2	Commodity Sales - kWh	14,979,454	15,033,835	15,762,943	17,242,782	18,731,425	21,178,612	22,926,046	21,963,060	23,433,453	20,767,556	18,798,470	16,074,224	226,891,840	Statement BG, Pages 2 & 3, Line 9	1
3	Commodity Rate - \$/kWh	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	Statement BL, Page 1, Line 10, Col. A	2
4	Total Commodity Revenues	150	150	158	172	187	212	212	229	234	208	188	161	2,269	Line 2 x Line 3	3
5																4
6	Non-Coincident Demand - (KW):															5
7	Secondary	46,745	46,914	49,189	53,807	58,453	69,417	75,145	71,988	76,808	68,070	58,662	50,161	725,360	Statement BG, Page 12, Line 177 x 1000	6
8	Primary	14,135	14,187	14,875	16,271	17,676	16,569	17,936	17,183	18,333	16,247	17,739	15,169	196,319	Statement BG, Page 12, Line 178 x 1000	7
9	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Statement BG, Page 12, Line 179 x 1000	8
10	Total	60,880	61,101	64,064	70,079	76,129	85,986	93,081	89,171	95,141	84,317	76,401	65,329	921,680	Sum Lines 7, 8, 9	9
11	Check Figure	60,880	61,101	64,064	70,079	76,129	85,986	93,081	89,171	95,141	84,317	76,401	65,329	921,680		10
12	Difference	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 10 Less Line 11	11
13																12
14	Non-Coincident Demand Rates Per (\$/KW):															13
15	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 10, Col. D	14
16	Primary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 10, Col. C	15
17	Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 10, Col. B	16
18																17
19	Revenues at Changed Rates:															18
20	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 7 x Line 15	19
21	Primary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 8 x Line 16	20
22	Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 9 x Line 17	21
23	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Sum Lines 20, 21, 22	22
24																23
25	Total Revenues at Changed Rates	\$ 150	\$ 150	\$ 158	\$ 172	\$ 187	\$ 212	\$ 229	\$ 220	\$ 234	\$ 208	\$ 188	\$ 161	\$ 2,269	Line 4 + Line 23	24

Statement - BG

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service Revenue Data to Reflect Changed Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2019  
 Standby Customers

Line No.	Description	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Reference	Line No.
1	<u>Demand - Billing Determinants (KW):</u>															
2	Secondary	11,386	9,866	9,866	10,866	10,866	10,839	10,839	10,839	10,733	10,732	10,732	10,732	128,297	Statement BG, Page 12, Line 186 x 1000	1
3	Primary	102,818	102,627	102,415	105,619	105,619	105,901	105,607	104,668	103,380	103,415	104,418	104,314	1,250,798	Statement BG, Page 12, Line 187 x 1000	2
4	Transmission	63,557	63,355	61,003	61,078	60,834	60,829	60,801	60,693	60,536	60,501	60,394	60,394	733,975	Statement BG, Page 12, Line 188 x 1000	3
5	Total	177,761	175,848	173,284	177,560	177,319	177,569	177,247	176,200	174,649	174,648	175,544	175,440	2,113,070	Sum Lines 2; 3; 4	4
6	Check Figure	177,761	175,848	173,284	177,560	177,319	177,569	177,247	176,200	174,649	174,648	175,544	175,440	2,113,070		5
7	Difference	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 5 Less Line 6	6
8																7
9	<u>Demand Rates Per (\$/KW):</u>															8
10	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 14, Col. D	9
11	Primary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 14, Col. C	10
12	Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 14, Col. B	11
13																12
14	<u>Revenues at Changed Rates:</u>															13
15	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 2 x Line 10	14
16	Primary	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 3 x Line 11	15
17	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 4 x Line 12	16
18	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Sum Lines 15; 16; 17	17
19																18
20	Total Revenues at Changed Rates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 18	19

Statement - BG

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service Revenue Data to Reflect Changed Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2019  
 City of Escondido - Wholesale Customer

Line No.	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	Line No.
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Reference	
1	Energy Revenues														1
2	Commodity Sales - kWh	12,816	12,816	12,816	12,816	12,816	12,816	12,816	12,816	12,816	12,816	12,816	153,792	Statement BG, Page 12, Line 12 x 1000	2
3	Commodity Rate - \$/kWh	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001		Statement BL, Page 1, Line 16, Col. A	3
4	Total Commodity Revenues	0	0	0	0	0	0	0	0	0	0	0	2	Line 2 x Line 3	4

San Diego Gas & Electric FERC Forecast Period: January 2019 - December 2019														Line No.
SDG&E: System Net Delivery Determinants														1
Customer Class Net Deliveries (MWh)														2
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	3
4 Residential	589,443	498,039	468,966	422,089	421,884	446,569	521,909	556,940	629,735	539,552	475,848	533,999	6,104,963	4
5 Small Commercial	181,538	174,652	173,551	169,258	176,375	187,321	205,536	207,120	222,629	201,732	183,355	179,379	2,262,447	5
6 Med. & Large Comm./Ind. (AD)	2,048	2,046	2,068	2,000	2,068	2,164	2,291	2,375	2,582	2,310	2,069	1,924	25,945	6
7 Med. & Large Comm./Ind. (excluding AD/A6-TOU)	649,733	642,587	644,118	669,322	685,205	726,592	781,227	782,812	845,678	774,797	722,962	688,733	8,613,766	7
8 Med. & Large Comm./Ind. (A6-TOU)	68,077	62,839	61,850	66,451	66,517	63,632	72,571	66,560	74,351	66,045	66,031	67,028	800,953	8
9 Agriculture (TOU-PA)	5,533	6,060	5,756	6,850	7,696	9,196	10,251	10,037	10,493	9,213	8,190	6,490	95,767	9
10 Agriculture (PA-T-1)	14,979	15,034	15,763	17,243	18,731	21,179	22,926	21,963	23,433	20,768	18,798	16,074	226,892	10
11 Lighting	6,936	6,627	6,638	6,479	6,526	6,744	6,823	6,491	6,797	6,532	6,587	6,807	79,987	11
12 Sale for Resale	13	13	13	13	13	13	13	13	13	13	13	13	154	12
13 Total System	1,518,301	1,407,897	1,378,724	1,359,704	1,385,017	1,463,399	1,623,547	1,653,311	1,815,710	1,620,963	1,483,854	1,500,447	18,210,874	13
14														14
15														15
16														16
17														17
18														18
19														19
20 Total Deliveries (MWh)	2,048	2,046	2,068	2,000	2,068	2,164	2,291	2,375	2,582	2,310	2,069	1,924	25,945	20
21														21
22 Total Deliveries (%)														22
23 % @ Secondary Service	97.01%	97.01%	97.01%	97.01%	97.01%	97.15%	97.15%	97.15%	97.15%	97.15%	97.01%	97.01%	97.07%	23
24 % @ Primary Service	2.99%	2.99%	2.99%	2.99%	2.99%	2.85%	2.85%	2.85%	2.85%	2.85%	2.99%	2.99%	2.93%	24
25 % @ 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%	25
26	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%	26
27 Total Deliveries (MWh)	1,987	1,984	2,006	1,940	2,006	2,102	2,226	2,308	2,508	2,244	2,007	1,867	25,186	27
28 MWh @ Secondary Service	61	61	62	60	62	62	65	68	74	66	62	58	759	28
29 MWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0	29
30 MWh @ Transmission Service	2,048	2,046	2,068	2,000	2,068	2,164	2,291	2,375	2,582	2,310	2,069	1,924	25,945	30
31														31
32 Maximum Demand (%)														32
33 % @ Secondary Service	0.4330%	0.4330%	0.4330%	0.4330%	0.4330%	0.4331%	0.4331%	0.4331%	0.4331%	0.4331%	0.4330%	0.4330%	0.4330%	33
34 % @ Primary Service	0.2126%	0.2126%	0.2126%	0.2126%	0.2126%	0.2125%	0.2125%	0.2125%	0.2125%	0.2125%	0.2126%	0.2126%	0.2126%	34
35 % @ 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%	35
36														36
37 Maximum Demand (MW)														37
38 MW @ Secondary Service	8.604	8.592	8.686	8.400	8.685	9.103	9.639	9.994	10.861	9.718	8.691	8.063	109.055	38
39 MW @ Primary Service	0.130	0.130	0.131	0.127	0.131	0.131	0.139	0.144	0.156	0.140	0.131	0.122	1.614	39
40 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	0.000	40
41	8.734	8.722	8.817	8.527	8.816	9.234	9.778	10.137	11.017	9.858	8.822	8.205	110.669	41
42														42
43														43
44														44



San Diego Gas & Electric FERC Forecast Period: January 2019 - December 2019													Line No.
Line No.	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
45	<b>Schedules OL-TOU/AY-TOU/JAL-TOU/DG-R:</b>												45
46	<b>Total Deliveries (MWh)</b>												46
47	649,733	642,587	644,118	669,322	685,205	726,592	781,227	782,812	845,678	774,797	722,962	688,733	8,613,766
48	<b>Total Deliveries (%)</b>												48
49	75.48%	75.48%	75.48%	75.48%	75.48%	75.30%	75.30%	75.30%	75.30%	75.30%	75.48%	75.48%	75.39%
50	22.89%	22.89%	22.89%	22.89%	22.89%	22.80%	22.80%	22.80%	22.80%	22.80%	22.89%	22.89%	22.85%
51	1.63%	1.63%	1.63%	1.63%	1.63%	1.90%	1.90%	1.90%	1.90%	1.90%	1.63%	1.63%	1.79%
52	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%
53	<b>Total Deliveries (MWh)</b>												53
54	480,387	484,994	486,149	505,171	517,160	547,094	588,232	589,426	636,761	583,391	545,657	519,822	6,494,244
55	148,732	147,096	147,447	153,216	156,852	165,697	178,156	178,518	192,854	176,690	165,495	157,660	1,968,414
56	10,614	10,497	10,522	10,934	11,194	13,800	14,838	14,868	16,062	14,716	11,810	11,251	151,108
57	649,733	642,587	644,118	669,322	685,205	726,592	781,227	782,812	845,678	774,797	722,962	688,733	8,613,767
58	<b>Non-Coincident Demand (%)</b>												58
59	0.2727%	0.2727%	0.2727%	0.2727%	0.2727%	0.2731%	0.2731%	0.2731%	0.2731%	0.2731%	0.2727%	0.2727%	0.2728%
60	0.2145%	0.2145%	0.2145%	0.2145%	0.2145%	0.2149%	0.2149%	0.2149%	0.2149%	0.2149%	0.2145%	0.2145%	0.2147%
61	0.2218%	0.2218%	0.2218%	0.2218%	0.2218%	0.2216%	0.2216%	0.2216%	0.2216%	0.2216%	0.2218%	0.2218%	0.2217%
62	<b>Non-Coincident Demand (MW)</b>												62
63	1,337,124	1,322,418	1,325,568	1,377,436	1,410,124	1,493,918	1,606,251	1,609,510	1,738,766	1,593,031	1,487,825	1,417,384	17,719,352
64	318,971	315,463	316,214	328,568	336,385	356,086	382,862	383,638	414,448	379,711	354,921	338,117	4,225,404
65	23,538	23,279	23,335	24,248	24,823	30,585	32,885	32,952	35,598	32,614	26,191	24,951	334,999
66	1,679,633	1,661,160	1,665,117	1,730,271	1,771,332	1,880,589	2,021,997	2,026,100	2,188,811	2,005,355	1,868,937	1,780,451	22,279,755
67	<b>On-Peak Demand-Standard Customers (%)</b>												67
68	0.2478%	0.2478%	0.2478%	0.2478%	0.2478%	0.2490%	0.2490%	0.2490%	0.2490%	0.2490%	0.2478%	0.2478%	0.2483%
69	0.2184%	0.2184%	0.2184%	0.2184%	0.2184%	0.2128%	0.2128%	0.2128%	0.2128%	0.2128%	0.2184%	0.2184%	0.2159%
70	0.3864%	0.3864%	0.3864%	0.3864%	0.3864%	0.3961%	0.3961%	0.3961%	0.3961%	0.3961%	0.3864%	0.3864%	0.3912%
71	<b>On-Peak Demand-Standard Customers (MW)</b>												71
72	1,215,012	1,201,650	1,204,512	1,251,643	1,281,346	1,362,062	1,464,481	1,467,452	1,585,300	1,452,428	1,351,951	1,287,943	16,125,780
73	324,901	321,328	322,093	334,696	342,639	352,554	379,063	379,832	410,336	375,944	361,519	344,403	4,249,308
74	41,009	40,558	40,655	42,245	43,248	54,669	58,780	58,899	63,629	58,296	45,631	43,471	591,088
75	1,580,922	1,563,535	1,567,260	1,628,585	1,667,233	1,769,285	1,902,324	1,906,183	2,059,265	1,886,667	1,759,101	1,675,816	20,966,176
76	<b>On-Peak Demand-Grandfathered Customers (%)</b>												76
77	0.2314%	0.2314%	0.2314%	0.2314%	0.2314%	0.2651%	0.2651%	0.2651%	0.2651%	0.2651%	0.2314%	0.2314%	0.2466%
78	0.2091%	0.2091%	0.2091%	0.2091%	0.2091%	0.2234%	0.2234%	0.2234%	0.2234%	0.2234%	0.2091%	0.2091%	0.2156%
79	0.3643%	0.3643%	0.3643%	0.3643%	0.3643%	0.3991%	0.3991%	0.3991%	0.3991%	0.3991%	0.3643%	0.3643%	0.3814%
80	<b>On-Peak Demand-Grandfathered Customers (MW)</b>												80
81	1,134,604	1,122,125	1,124,798	1,168,810	1,196,547	1,450,117	1,559,157	1,562,320	1,687,787	1,546,324	1,262,480	1,202,707	16,017,777
82	310,989	307,568	308,301	320,364	327,967	370,194	398,030	398,837	430,867	394,754	346,039	329,655	4,243,566
83	38,662	38,237	38,328	39,827	40,772	55,076	59,218	59,338	64,103	58,730	43,019	40,982	576,292
84	1,484,254	1,467,930	1,471,427	1,529,002	1,565,287	1,875,387	2,016,404	2,020,495	2,182,757	1,999,808	1,651,538	1,573,345	20,837,634
85	<b>On-Peak Demand-Grandfathered Customers (MW)</b>												85
86	0.2727%	0.2727%	0.2727%	0.2727%	0.2727%	0.2731%	0.2731%	0.2731%	0.2731%	0.2731%	0.2727%	0.2727%	0.2728%
87	0.2145%	0.2145%	0.2145%	0.2145%	0.2145%	0.2149%	0.2149%	0.2149%	0.2149%	0.2149%	0.2145%	0.2145%	0.2147%
88	0.2218%	0.2218%	0.2218%	0.2218%	0.2218%	0.2216%	0.2216%	0.2216%	0.2216%	0.2216%	0.2218%	0.2218%	0.2217%
89	<b>On-Peak Demand-Grandfathered Customers (MW)</b>												89
90	<b>Total Deliveries (MWh)</b>												90
91	<b>Total Deliveries (%)</b>												91

San Diego Gas & Electric FERC Forecast Period: January 2019 - December 2019													Line No.
Schedule A6-TOU:													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
92	68.077	62.839	61.850	66.451	66.517	63.632	72.571	65.560	74.351	66.045	66.031	67.028	800.953
93													
94													
95													
96	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%
97	16.34%	16.34%	16.34%	16.34%	16.34%	16.44%	16.44%	16.44%	16.44%	16.44%	16.34%	16.34%	16.38%
98	83.66%	83.66%	83.66%	83.66%	83.66%	83.56%	83.56%	83.56%	83.56%	83.56%	83.66%	83.66%	83.62%
99	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%
100													
101	0	0	0	0	0	0	0	0	0	0	0	0	0
102	11.126	10.270	10.108	10.860	10.871	10.458	11.927	10.775	12.220	10.855	10.792	10.954	131.217
103	56.951	52.570	51.742	55.591	55.646	53.174	60.643	54.785	62.131	55.190	55.240	56.073	669.736
104	68.077	62.839	61.850	66.451	66.517	63.632	72.571	65.560	74.351	66.045	66.031	67.028	800.953
105													
106	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%
107	0.1826%	0.1826%	0.1826%	0.1826%	0.1826%	0.1820%	0.1820%	0.1820%	0.1820%	0.1820%	0.1826%	0.1826%	0.1823%
108	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%
109													
110													
111	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
112	20.314	18.751	18.456	19.829	19.848	19.032	21.705	19.608	22.238	19.754	19.703	20.001	239.238
113	97.390	89.897	88.482	95.064	95.159	90.930	103.703	93.685	106.247	94.379	94.463	95.889	1,145.289
114	117.704	108.648	106.937	114.893	115.007	109.962	125.409	113.294	128.485	114.132	114.167	115.890	1,384.527
115													
116	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%
117	0.1384%	0.1384%	0.1384%	0.1384%	0.1384%	0.1194%	0.1194%	0.1194%	0.1194%	0.1194%	0.1384%	0.1384%	0.1303%
118	0.1403%	0.1403%	0.1403%	0.1403%	0.1403%	0.1479%	0.1479%	0.1479%	0.1479%	0.1479%	0.1403%	0.1403%	0.1436%
119													
120													
121	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
122	15.401	14.216	13.992	15.033	15.048	12.491	14.246	12.870	14.596	12.965	14.938	15.163	170.959
123	79.920	73.771	72.610	78.012	78.089	78.651	89.699	81.034	91.900	81.634	77.519	78.688	961.526
124	95.321	87.987	86.602	93.045	93.137	91.142	103.945	93.904	106.495	94.599	92.457	93.852	1,132.485
125													
126													
127	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%
128	0.1385%	0.1385%	0.1385%	0.1385%	0.1385%	0.1202%	0.1202%	0.1202%	0.1202%	0.1202%	0.1385%	0.1385%	0.1307%
129	0.1401%	0.1401%	0.1401%	0.1401%	0.1401%	0.1497%	0.1497%	0.1497%	0.1497%	0.1497%	0.1401%	0.1401%	0.1442%
130													
131													
132	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
133	15.408	14.223	13.999	15.040	15.055	12.572	14.338	12.953	14.690	13.049	14.945	15.171	171.441
134	79.793	73.654	72.494	77.887	77.964	79.596	90.777	82.007	93.004	82.615	77.395	78.563	965.747
135	95.201	87.876	86.493	92.927	93.019	92.168	105.115	94.960	107.693	95.663	92.340	93.733	1,137.189
136													
137													

San Diego Gas & Electric FERC Forecast Period: January 2019 - December 2019													Line No.	
Line No.		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
138														
139														
140														
141	<b>Deliveries (MWh)</b>													
142	Med & Large Comm./Ind.	719,859	707,472	708,036	737,773	753,790	792,388	856,089	850,747	922,610	843,153	791,062	757,685	9,440,665
143														
144	<b>Deliveries (MWh)</b>													
145	MWh @ Secondary Service	492,374	486,978	488,155	507,112	519,166	549,196	590,458	591,733	639,269	585,635	547,664	521,689	6,519,430
146	MWh @ Primary Service	159,919	157,427	157,617	164,136	167,785	176,217	190,149	189,361	205,148	187,611	176,349	168,672	2,100,391
147	MWh @ Transmission Service	67,565	63,067	62,264	66,525	66,840	66,974	75,481	69,653	78,193	69,906	67,050	67,325	820,844
148		719,859	707,472	708,036	737,773	753,790	792,388	856,089	850,747	922,610	843,153	791,062	757,685	9,440,665
149	<b>Non-Coincident Demand (MW)</b>													
150	MW @ Secondary Service	1,345,727	1,331,010	1,334,254	1,385,836	1,418,809	1,503,021	1,615,890	1,619,503	1,749,627	1,602,749	1,496,516	1,425,466	17,828,407
151	MW @ Primary Service	339,415	334,344	334,801	348,543	356,365	375,249	404,706	403,391	436,842	399,604	374,756	368,240	4,466,256
152	MW @ Transmission Service	120,928	113,176	111,816	119,312	119,982	121,515	136,588	126,637	141,845	126,993	120,654	120,840	1,480,288
153		1,806,070	1,778,530	1,780,872	1,853,691	1,896,155	1,999,785	2,157,184	2,149,531	2,328,314	2,129,346	1,991,926	1,904,546	23,774,952
154														
155														
156														
157														

San Diego Gas & Electric FERC Forecast Period: January 2019 - December 2019													Line No.
Schedule PA-T-1:													
Line No.	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
158	14,979	15,034	15,763	17,243	18,731	21,179	22,926	21,963	23,433	20,768	18,798	16,074	226,892
159													160
160													161
161													162
162	76.47%	76.47%	76.47%	76.47%	76.47%	80.32%	80.32%	80.32%	80.32%	80.32%	76.47%	76.47%	78.34%
163	23.53%	23.53%	23.53%	23.53%	23.53%	19.68%	19.68%	19.68%	19.68%	19.68%	23.53%	23.53%	21.66%
164	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%
165	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%
166													166
167	11,455	11,497	12,055	13,186	14,325	17,011	18,415	17,641	18,822	16,681	14,376	12,293	177,756
168	3,524	3,537	3,708	4,057	4,407	4,168	4,512	4,322	4,611	4,087	4,423	3,782	49,136
169	0	0	0	0	0	0	0	0	0	0	0	0	0
170	14,979	15,034	15,763	17,243	18,731	21,179	22,926	21,963	23,433	20,768	18,798	16,074	226,892
171													171
172	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%
173	0.4011%	0.4011%	0.4011%	0.4011%	0.4011%	0.3976%	0.3976%	0.3976%	0.3976%	0.3976%	0.4011%	0.4011%	0.3995%
174	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%
175													175
176													176
177	46,745	46,914	49,189	53,807	58,453	69,417	75,145	71,988	76,808	68,070	58,662	50,161	725,360
178	14,135	14,187	14,875	16,271	17,676	16,569	17,936	17,183	18,333	16,247	17,739	15,169	196,319
179	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
180	60,880	61,101	64,064	70,079	76,129	85,986	93,081	89,171	95,141	84,317	76,401	65,329	921,680
181													181
182													182
183													183
184													184
185													185
186	11,386	9,866	9,866	10,866	10,866	10,8389	10,8389	10,8389	10,7329	10,7324	10,7324	10,7324	128,297
187	102,818	102,627	102,415	105,616	105,619	105,901	105,607	104,668	103,38	103,415	104,418	104,314	1,250,798
188	63,557	63,355	61,003	61,078	60,834	60,829	60,801	60,693	60,536	60,501	60,394	60,394	733,975
189	177,761	176,848	173,284	177,560	177,319	177,569	177,247	176,200	174,649	174,648	175,544	175,440	2,113,070
190													190

# **San Diego Gas & Electric Company**

## **Statement – BH Revenue Data to Reflect Present Rates**

**Docket No. ER19-\_\_\_\_\_ - \_\_\_\_\_**

Statement BH

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service (RS) Revenue Data to Reflect Present Rates<sup>1</sup>  
 Rate Effective Period - Twelve Months Ending December 31, 2019

Line No.	Customer Classes	(A) Jan-19		(B) Feb-19		(C) Mar-19		(D) Apr-19		(E) May-19		(F) Jun-19	
		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants	
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)
1	Residential Customers	589,442,818		498,039,394		468,966,460		422,088,538		421,884,409		446,558,824	
2													
3	Small Commercial	181,537,590		174,651,504		173,551,399		169,258,161		176,375,498		187,320,885	
4													
5	Medium-Large Commercial/Industrial	719,858,720	1,806,070	707,472,400	1,778,530	708,036,071	1,780,872	737,772,971	1,853,691	753,790,400	1,895,155	792,387,691	1,999,785
6													
7	Agricultural												
8	Schedules PA and TOU-PA	5,533,302		6,060,260		5,756,300		6,850,316		7,696,254		9,196,454	
9	Schedule PA-T-1	14,979,454	60,880	15,033,835	61,101	15,762,943	64,064	17,242,782	70,079	18,731,425	76,129	21,178,612	85,986
10													
11	Street Lighting	6,936,300		6,626,605		6,637,744		6,478,801		6,525,985		6,743,543	
12													
13	Standby Customers		177,761		175,848		173,284		177,560		177,319		177,569
14													
15	TOTAL	1,518,288,184	2,044,711	1,407,883,998	2,015,479	1,378,710,917	2,018,220	1,359,691,569	2,101,330	1,385,003,971	2,148,603	1,463,386,009	2,263,340

Notes:

<sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2019.

Statement BH

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service (RS) Revenue Data to Reflect Present Rates<sup>1</sup>  
 Rate Effective Period - Twelve Months Ending December 31, 2019

Line No.	Customer Classes	(G) Jul-19		(H) Aug-19		(I) Sep-19		(J) Oct-19		(K) Nov-19		(L) Dec-19		Line No.
		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers	521,908,767		556,939,676		629,734,825		539,552,481		475,847,516		533,998,804		1
2														2
3	Small Commercial	205,536,482		207,120,271		222,629,026		201,731,872		183,354,798		179,379,118		3
4														4
5	Medium-Large Commercial/Industrial	856,088,723		850,747,427	2,149,531	922,610,270	2,328,314	843,152,515	2,129,346	791,062,488	1,991,926	757,685,190	1,904,546	5
6														6
7	Agricultural													7
8	Schedules PA and TOU-PA	10,251,269		10,036,561		10,493,000		9,213,457		8,190,235		6,489,977		8
9	Schedule PA-T-1	22,926,046		21,963,060	89,171	23,433,453	95,141	20,767,536	84,317	18,798,470	76,401	16,074,224	65,329	9
10														10
11	Street Lighting	6,823,155		6,490,950		6,796,854		6,532,494		6,587,406		6,807,218		11
12														12
13	Standby Customers				176,200		174,649		174,648		175,544		175,440	13
14														14
15	TOTAL	1,623,534,442		1,653,297,945	2,414,902	1,815,697,428	2,598,103	1,620,950,355	2,388,312	1,483,840,913	2,243,872	1,500,434,531	2,145,316	15

Notes:

<sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2019.

Statement BH

SAN DIEGO GAS AND ELECTRIC COMPANY

Reliability Service (RS) Revenue Data to Reflect Present Rates <sup>1</sup>  
 Rate Effective Period - Twelve Months Ending December 31, 2019

Line No.	Customer Classes	(M)		Line No.
		12 Months to Date		
		Energy (kWh)	Demand (kW)	
1	Residential Customers	6,104,962,512	-	1
2				2
3	Small Commercial	2,262,446,604	-	3
4				4
5	Medium-Large Commercial/Industrial	9,440,664,866	23,774,952	5
6				6
7	Agricultural			7
8	Schedules PA and TOU-PA	95,767,385	-	8
9	Schedule PA-T-1	226,891,840	921,680	9
10				10
11	Street Lighting	79,987,055	-	11
12				12
13	Standby Customers	-	2,113,070	13
14				14
15	TOTAL	18,210,720,262	26,809,701	15

Notes:

<sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2019.



Statement BH

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service (RS) Revenue Data To Reflect Present Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2019

Line No.	Customer Class	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
1	Residential Customers	\$ 23,578	\$ 19,922	\$ 18,759	\$ 16,884	\$ 16,875	\$ 17,862	\$ 20,876	\$ 22,278	\$ 25,189	\$ 21,582	\$ 19,034	\$ 21,360	\$ 244,199
2			6,986	6,942	6,770	7,055	7,493	8,221	8,285	8,905	8,069	7,334	7,175	90,498
3	Small Commercial													
4														
5	Medium-Large Commercial/Industrial													
6	Energy Revenues	14,397	14,149	14,161	14,755	15,076	15,848	17,122	17,015	18,452	16,863	15,821	15,154	188,813
7	Demand Revenues	18,060	17,785	17,809	18,536	18,952	19,997	21,572	21,495	23,282	21,293	19,920	19,045	237,746
8	Total	32,457	31,934	31,970	33,291	34,028	35,845	38,694	38,510	41,734	38,156	35,741	34,199	426,559
9														
10	Agricultural													
11	Schedules TOU-PA, TOU-PA2, TOU-PA3	166	182	173	206	231	276	308	301	315	276	246	195	2,873
12														
13	Schedule PA-T-1													
14	Energy Revenues	300	301	315	345	375	424	459	439	469	415	376	321	4,538
15	Demand Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Total	300	301	315	345	375	424	459	439	469	415	376	321	4,538
17														
18	Street Lighting	208	199	199	194	196	202	205	195	204	196	198	204	2,400
19														
20	Standby Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-
21														
22	TOTAL	\$ 63,970	\$ 59,523	\$ 58,358	\$ 57,690	\$ 58,759	\$ 62,102	\$ 68,762	\$ 70,007	\$ 76,816	\$ 68,695	\$ 62,929	\$ 63,454	\$ 771,066

Statement BH

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service (RS) Revenue Data To Reflect Present Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2019

Line No.	Customer Classes	(A) Jan-19		(B) Feb-19		(C) Mar-19		(D) Apr-19		(E) May-19		(F) Jun-19		(M) Reference	Line No.
		Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)		
1	Residential Customers	589,442,818	498,039,394	468,966,460	422,088,538	421,884,409	446,558,824	Statement BH, Page 1, Line 1							
2	Small Commercial	181,537,590	174,651,594	173,551,399	169,258,161	176,375,498	187,320,885	Statement BH, Page 1, Line 3							
3	Medium-Large Commercial/Industrial	719,858,720	707,472,400	708,036,071	737,772,971	753,790,400	792,387,691	Statement BH, Page 1, Line 5							
4	Agricultural	5,533,302	6,060,260	5,756,300	6,850,316	7,696,254	9,196,454	Statement BH, Page 1, Line 8							
5	Schedules TOU-PA, TOU-PA2, TOU-PA3	14,979,454	15,033,835	15,762,943	17,242,782	18,731,425	21,178,612	Statement BH, Page 1, Line 9							
6	Schedule PA-T-1	6,936,300	6,626,605	6,637,744	6,478,801	6,525,985	6,743,543	Statement BH, Page 1, Line 11							
7	Street Lighting	-	-	-	-	-	-	Statement BH, Page 1, Line 11							
8	Standby Customers	-	177,761	-	173,284	-	177,569	Statement BH, Page 1, Line 13							
9	TOTAL	1,518,288,184	1,407,883,998	1,378,710,917	1,359,691,569	1,385,003,971	1,463,386,009	Sum Lines 1, 3, 5, 8, 9, 11 & 13							

Line No.	Customer Classes	(A) Jan-19		(B) Feb-19		(C) Mar-19		(D) Apr-19		(E) May-19		(F) Jun-19		(M) Reference	Line No.
		Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)		
16	Residential Customers	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	Docket No. ER 18-488 Statement BG, Page 6, Line 16							
17	Small Commercial	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	Docket No. ER 18-488 Statement BG, Page 6, Line 18							
18	Medium-Large Commercial/Industrial	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	Docket No. ER 18-488 Statement BG, Page 6, Line 20							
19	Agricultural	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	Docket No. ER 18-488 Statement BG, Page 6, Line 22							
20	Schedules TOU-PA, TOU-PA2, TOU-PA3	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	Docket No. ER 18-488 Statement BG, Page 6, Line 23							
21	Schedule PA-T-1	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	Docket No. ER 18-488 Statement BG, Page 6, Line 24							
22	Street Lighting	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	Docket No. ER 18-488 Statement BG, Page 6, Line 26							
23	Standby Customers	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	Docket No. ER 18-488 Statement BG, Page 6, Line 27							
24	TOTAL	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	Sum Lines 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27							

Line No.	Customer Classes	(A) Jan-19		(B) Feb-19		(C) Mar-19		(D) Apr-19		(E) May-19		(F) Jun-19		(M) Reference	Line No.
		Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)	Revenues @ Present Rates Energy (RW) / Demand (KW)		
29	Residential Customers	\$ 23,578	\$ 19,922	\$ 18,759	\$ 16,884	\$ 16,875	\$ 17,862	Line 1 x Line 16							
30	Small Commercial	\$ 7,262	\$ 6,986	\$ 6,942	\$ 6,770	\$ 7,055	\$ 7,493	Line 3 x Line 18							
31	Medium-Large Commercial/Industrial	\$ 14,397	\$ 14,149	\$ 14,161	\$ 14,755	\$ 15,076	\$ 15,848	Statement BH, Page 7, Lines 4 & 23							
32	Agricultural	\$ 166	\$ 182	\$ 173	\$ 206	\$ 231	\$ 276	Line 8 x Line 23							
33	Schedules TOU-PA, TOU-PA2, TOU-PA3	\$ 300	\$ 301	\$ 315	\$ 345	\$ 375	\$ 424	Statement BH, Page 8, Lines 4 & 23							
34	Schedule PA-T-1	\$ 208	\$ 199	\$ 199	\$ 194	\$ 196	\$ 202	Line 11 x Line 26							
35	Street Lighting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -								
36	Standby Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -								
37	TOTAL	\$ 45,910	\$ 41,738	\$ 40,549	\$ 39,154	\$ 39,807	\$ 42,105	Statement BH, Page 9, Line 20							
38	Grand Total	\$ 65,970	\$ 59,523	\$ 58,358	\$ 57,690	\$ 58,759	\$ 62,102								

Statement BH  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service (RS) Revenue Data To Reflect Present Rates  
 Rate Effective Period-- Twelve Months Ending December 31, 2019

Line No.	Customer Classes	(G) Jul-19		(H) Aug-19		(I) Sep-19		(J) Oct-19		(K) Nov-19		(L) Dec-19		(M) Reference	Line No.
		Revenues @ Present Rates Energy (KWh)	Demand (KW)	Revenues @ Present Rates Energy (KWh)	Demand (KW)	Revenues @ Present Rates Energy (KWh)	Demand (KW)	Revenues @ Present Rates Energy (KWh)	Demand (KW)	Revenues @ Present Rates Energy (KWh)	Demand (KW)	Revenues @ Present Rates Energy (KWh)	Demand (KW)		
1	Residential Customers	521,908,767	-	556,939,676	-	629,734,825	-	539,552,481	-	473,847,516	-	533,998,804	-	Statement BH, Page 2, Line 1	1
2	Small Commercial	205,536,482	-	207,120,271	-	222,629,026	-	201,731,872	-	183,354,798	-	179,379,118	-	Statement BH, Page 2, Line 3	2
3	Medium-Large Commercial/Industrial	856,088,723	2,157,184	850,747,427	2,149,531	922,610,270	2,328,314	843,152,515	2,129,846	791,062,488	1,991,926	757,685,190	1,904,546	Statement BH, Page 2, Line 5	3
4	Agricultural	10,251,269	-	10,036,561	-	10,493,000	-	9,213,457	-	8,190,235	-	6,489,977	-	Statement BH, Page 2, Line 8	4
5	Schedules TOU-PA, TOU-PA2, TOU-PA3	22,926,046	93,081	21,963,060	89,171	23,433,453	95,141	20,767,536	84,317	18,798,470	76,401	16,074,224	65,329	Statement BH, Page 2, Line 9	5
6	Schedule PA-T-1	6,823,155	-	6,490,950	-	6,796,854	-	6,532,494	-	6,587,406	-	6,807,218	-	Statement BH, Page 2, Line 11	6
7	Street Lighting	-	177,247	-	176,200	-	174,649	-	174,648	-	175,544	-	175,440	Statement BH, Page 2, Line 13	7
8	Standby Customers	1,623,534,442	2,427,512	1,653,297,945	2,414,902	1,815,697,428	2,598,103	1,620,950,358	2,388,312	1,483,840,913	2,243,872	1,500,434,531	2,145,316	Sum Lines 1, 3, 5, 8, 9, 11 & 13	8
9	TOTAL														9

Line No.	Customer Classes	(G) Jul-19		(H) Aug-19		(I) Sep-19		(J) Oct-19		(K) Nov-19		(L) Dec-19		(M) Reference	Line No.
		Revenues @ Present Rates Energy (KWh)	Demand (KW)	Revenues @ Present Rates Energy (KWh)	Demand (KW)	Revenues @ Present Rates Energy (KWh)	Demand (KW)	Revenues @ Present Rates Energy (KWh)	Demand (KW)	Revenues @ Present Rates Energy (KWh)	Demand (KW)	Revenues @ Present Rates Energy (KWh)	Demand (KW)		
16	Residential Customers	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	Docket No. ER 18-488 Statement BG, Page 7, Line 16	16
17	Small Commercial	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	Docket No. ER 18-488 Statement BG, Page 7, Line 17	17
18	Medium-Large Commercial/Industrial	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	Docket No. ER 18-488 Statement BG, Page 7, Line 18	18
19	Agricultural	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	Docket No. ER 18-488 Statement BG, Page 7, Line 19	19
20	Schedules TOU-PA, TOU-PA2, TOU-PA3	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	Docket No. ER 18-488 Statement BG, Page 7, Line 20	20
21	Schedule PA-T-1	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	Docket No. ER 18-488 Statement BG, Page 7, Line 21	21
22	Street Lighting	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	Docket No. ER 18-488 Statement BG, Page 7, Line 22	22
23	Standby Customers	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	\$ 0.00003	Docket No. ER 18-488 Statement BG, Page 7, Line 23	23
24	TOTAL													Docket No. ER 18-488 Statement BG, Page 7, Line 24	24
25	Grand Total													Docket No. ER 18-488 Statement BG, Page 7, Line 25	25

Line No.	Customer Classes	(G) Jul-19		(H) Aug-19		(I) Sep-19		(J) Oct-19		(K) Nov-19		(L) Dec-19		(M) Reference	Line No.
		Revenues @ Present Rates Energy (KWh)	Demand (KW)	Revenues @ Present Rates Energy (KWh)	Demand (KW)	Revenues @ Present Rates Energy (KWh)	Demand (KW)	Revenues @ Present Rates Energy (KWh)	Demand (KW)	Revenues @ Present Rates Energy (KWh)	Demand (KW)	Revenues @ Present Rates Energy (KWh)	Demand (KW)		
29	Residential Customers	\$ 20,876	\$ 22,278	\$ 22,278	\$ 21,495	\$ 25,189	\$ 21,582	\$ 21,582	\$ 19,084	\$ 21,560	\$ 21,560	\$ 21,560	\$ 21,560	Line 1 x Line 16	29
30	Small Commercial	\$ 8,221	\$ 8,285	\$ 8,285	\$ 8,069	\$ 8,905	\$ 8,069	\$ 8,069	\$ 7,334	\$ 7,175	\$ 7,175	\$ 7,175	\$ 7,175	Line 3 x Line 18	30
31	Medium-Large Commercial/Industrial	\$ 17,122	\$ 21,572	\$ 17,015	\$ 21,495	\$ 18,452	\$ 23,282	\$ 16,863	\$ 21,293	\$ 15,821	\$ 19,920	\$ 15,154	\$ 19,045	Statement BH, Page 7, Lines 4 & 23	31
32	Agricultural	\$ 308	\$ 301	\$ 301	\$ 315	\$ 315	\$ 276	\$ 276	\$ 246	\$ 195	\$ 195	\$ 195	\$ 195	Line 8 x Line 23	32
33	Schedules TOU-PA, TOU-PA2, TOU-PA3	\$ 459	\$ 439	\$ 439	\$ 469	\$ 469	\$ 415	\$ 415	\$ 376	\$ 321	\$ 321	\$ 321	\$ 321	Statement BH, Page 8, Lines 4 & 23	33
34	Schedule PA-T-1	\$ 205	\$ 195	\$ 195	\$ 204	\$ 204	\$ 196	\$ 196	\$ 198	\$ 204	\$ 204	\$ 204	\$ 204	Line 11 x Line 26	34
35	Street Lighting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BH, Page 9, Line 20	35
36	Standby Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BH, Page 9, Line 20	36
37	TOTAL	\$ 47,190	\$ 21,572	\$ 48,512	\$ 21,495	\$ 53,534	\$ 23,282	\$ 47,402	\$ 21,293	\$ 43,009	\$ 19,920	\$ 44,409	\$ 19,045		37
38	Grand Total	\$ 68,762	\$ 70,007	\$ 68,762	\$ 70,007	\$ 76,816	\$ 68,816	\$ 68,816	\$ 65,929	\$ 63,454	\$ 63,454	\$ 63,454	\$ 63,454		38

Statement - BH

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service (RS) Revenue Data to Reflect Present Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2019  
 Medium-Large Commercial/Industrial Customers

Line No.	Description	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Reference	Line No.
1	Energy Revenues															
2	Commodity Sales - kWh	719,858,720	707,472,400	708,036,071	737,772,971	753,790,400	792,387,691	856,088,723	850,747,427	922,610,270	843,152,515	791,062,488	757,685,190	9,440,664,866	Statement BH, Pages 1 & 2, Line 5	1
3	Commodity Rate - \$/kWh	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	Docket No. ER 18-488 Statement BL, Page 1, Line 5, Col. A	2
4	Total Commodity Revenues	14,397	14,149	14,161	14,755	15,076	15,848	17,122	17,015	18,452	16,863	15,821	15,154	188,813	Line 2 x Line 3	3
5																4
6	Non-Coincident Demand - (kW)															
7	Secondary	1,345,727	1,331,010	1,334,254	1,385,836	1,418,809	1,503,021	1,615,890	1,619,503	1,749,627	1,602,749	1,496,516	1,425,466	17,828,407	Statement BH, Page 11, Lines 151 x 1000	6
8	Primary	339,415	334,344	334,801	348,543	356,365	374,249	404,706	403,391	436,842	399,604	374,756	358,240	4,466,256	Statement BH, Page 11, Lines 152 x 1000	7
9	Transmission	120,928	113,176	111,816	119,312	119,982	121,515	136,588	126,637	141,845	126,993	120,654	120,840	1,480,288	Statement BH, Page 11, Lines 153 x 1000	8
10	Total	1,806,070	1,778,530	1,780,872	1,853,691	1,895,155	1,999,785	2,157,184	2,149,531	2,328,314	2,129,346	1,991,926	1,904,546	23,774,952	Sum Lines 7; 8; 9	9
11	Check Figure	1,806,070	1,778,530	1,780,872	1,853,691	1,895,155	1,999,785	2,157,184	2,149,531	2,328,314	2,129,346	1,991,926	1,904,546	23,774,952		10
12	Difference														Line 10 Less Line 11	11
13																12
14	Non-Coincident Demand Rates Per (\$/kW):															13
15	Secondary	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	Docket No. ER 18-488 Statement BL, Page 1, Line 5, Col. D	14
16	Primary	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	Docket No. ER 18-488 Statement BL, Page 1, Line 5, Col. C	15
17	Transmission	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	Docket No. ER 18-488 Statement BL, Page 1, Line 5, Col. B	16
18																17
19	Revenues at Present Rates:															18
20	Secondary	\$ 13,457	\$ 13,310	\$ 13,343	\$ 13,858	\$ 14,188	\$ 15,030	\$ 16,159	\$ 16,195	\$ 17,496	\$ 16,027	\$ 14,965	\$ 14,255	\$ 178,283	Line 7 x Line 15	19
21	Primary	3,394	3,343	3,348	3,485	3,564	3,752	4,047	4,034	4,368	3,996	3,748	3,582	44,661	Line 8 x Line 16	20
22	Transmission	1,209	1,132	1,118	1,193	1,200	1,215	1,366	1,266	1,418	1,270	1,207	1,208	14,802	Line 9 x Line 17	21
23	Total	18,060	17,785	17,809	18,536	18,952	19,997	21,572	21,495	23,282	21,293	19,920	19,045	237,746	Sum Lines 20; 21; 22	22
24																23
25	Total Revenues at Present Rates	\$ 32,457	\$ 31,934	\$ 31,970	\$ 33,291	\$ 34,028	\$ 35,845	\$ 38,694	\$ 38,510	\$ 41,734	\$ 38,156	\$ 35,741	\$ 34,199	\$ 426,559	Line 4 + Line 23	24

Statement - BH

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service Revenue Data to Reflect Present Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2019  
 Schedule PA-T-1 Customers

Line No.	Description	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Reference	Line No.
1	Energy Revenues	14,979,454	15,033,835	15,762,943	17,242,782	18,731,425	21,178,612	22,926,612	22,926,046	23,433,453	20,767,536	18,798,470	16,074,224	226,891,840	Statement BH, Pages 1 & 2, Line 9	1
2	Commodity Sales - \$/KWh	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	Docket No. ER 18-488 Statement BL, Page 1, Line 10, Col. A	2
3	Commodity Rate - \$/KWh	300	301	315	345	375	424	459	459	469	415	376	321	4,538	Line 2 x Line 3	3
4	Total Commodity Revenues	46,745	46,914	49,189	53,807	58,453	69,417	75,145	71,988	76,808	68,070	58,662	50,161	725,360	Statement BH, Page 11, Line 177 x 1000	4
5	Non-Coincident Demand - (KW):	14,135	14,187	14,875	16,271	17,676	16,569	17,936	17,183	18,333	16,247	17,739	15,169	196,319	Statement BH, Page 11, Line 178 x 1000	5
6	Secondary	60,880	61,101	64,064	70,079	76,129	85,986	93,081	89,171	95,141	84,317	76,401	65,329	921,680	Statement BH, Page 11, Line 179 x 1000	6
7	Primary	60,880	61,101	64,064	70,079	76,129	85,986	93,081	89,171	95,141	84,317	76,401	65,329	921,680	Sum Lines 7, 8, 9	7
8	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 10 Less Line 11	8
9	Total	-	-	-	-	-	-	-	-	-	-	-	-	-		9
10	Check Figure	-	-	-	-	-	-	-	-	-	-	-	-	-		10
11	Difference	-	-	-	-	-	-	-	-	-	-	-	-	-		11
12		-	-	-	-	-	-	-	-	-	-	-	-	-		12
13		-	-	-	-	-	-	-	-	-	-	-	-	-		13
14	Non-Coincident Demand Rates Per (SKW):	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Docket No. ER 18-488 Statement BL, Page 1, Line 10, Col. D	14
15	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Docket No. ER 18-488 Statement BL, Page 1, Line 10, Col. C	15
16	Primary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Docket No. ER 18-488 Statement BL, Page 1, Line 10, Col. B	16
17	Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Docket No. ER 18-488 Statement BL, Page 1, Line 10, Col. B	17
18	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		18
19	Revenues at Present Rates:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 7 x Line 15	19
20	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 8 x Line 16	20
21	Primary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 9 x Line 17	21
22	Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Sum Lines 20, 21, 22	22
23	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		23
24	Total Revenues at Present Rates	\$ 300	\$ 301	\$ 315	\$ 345	\$ 375	\$ 424	\$ 459	\$ 439	\$ 469	\$ 415	\$ 376	\$ 321	\$ 4,538	Line 4 + Line 23	24
25																25

Statement - BH

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service (RS) Revenue Data to Reflect Present Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2019  
 Standby Customers

Line No.	Description	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Reference	Line No.
1	<u>Demand - Billing Determinants (KW):</u>															
2	Secondary	11,386	9,866	9,866	10,866	10,866	10,839	10,839	10,839	10,733	10,732	10,732	10,732	128,297	Statement BH, Page 11, Line 186 x 1000	1
3	Primary	102,818	102,627	102,415	105,616	105,619	105,901	105,607	104,668	103,380	103,415	104,418	104,314	1,250,798	Statement BH, Page 11, Line 187 x 1000	2
4	Transmission	63,557	63,355	61,003	61,078	60,834	60,829	60,801	60,693	60,536	60,501	60,394	60,394	733,975	Statement BH, Page 11, Line 188 x 1000	3
5	Total	177,761	175,848	173,284	177,560	177,319	177,569	177,247	176,200	174,649	174,648	175,544	175,440	2,113,070	Sum Lines 2; 3; 4	4
6	Check Figure	177,761	175,848	173,284	177,560	177,319	177,569	177,247	176,200	174,649	174,648	175,544	175,440	2,113,070	Line 5 Less Line 6	5
7	Difference	-	-	-	-	-	-	-	-	-	-	-	-	-		6
8																7
9	<u>Demand Rates Per (\$/KW):</u>															8
10	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	Docket No. ER 18-488 Statement BL, Page 1, Line 14, Col. D	9
11	Primary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	Docket No. ER 18-488 Statement BL, Page 1, Line 14, Col. C	10
12	Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	Docket No. ER 18-488 Statement BL, Page 1, Line 14, Col. B	11
13																12
14	<u>Revenues at Present Rates:</u>															13
15	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	Line 2 x Line 10	14
16	Primary	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 3 x Line 11	15
17	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 4 x Line 12	16
18	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	Sum Lines 15; 16; 17	17
19																18
20	<u>Total Revenues at Present Rates</u>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-		19



San Diego Gas & Electric														
FERC Forecast Period: January 2019 - December 2019														
Line No.	SDG&E: System Net Delivery Determinants													
Line No.	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	
1														
2														
3	<b>Customer Class Net Deliveries (MWh)</b>													
4	Residential	589,443	498,039	468,966	422,089	421,884	446,569	521,909	556,940	629,735	539,552	475,848	533,999	6,104,963
5	Small Commercial	181,538	174,652	173,551	169,258	187,321	205,536	207,120	222,629	201,732	183,355	179,379	2,262,447	2,262,447
6	Med. & Large Comm./Ind. (AD)	2,048	2,046	2,068	2,000	2,068	2,164	2,291	2,375	2,582	2,310	2,069	1,924	25,945
7	Med. & Large Comm./Ind. (excluding AD/A6-TOU)	649,733	642,587	644,118	669,322	685,205	726,592	781,227	845,678	774,797	722,962	688,733	8,613,766	8,613,766
8	Med. & Large Comm./Ind. (A6-TOU)	68,077	62,839	61,850	66,451	66,517	63,632	72,571	66,560	74,351	66,045	66,031	67,028	800,953
9	Agriculture (TOU-PA)	5,533	6,060	5,756	6,850	7,696	9,196	10,251	10,493	9,213	8,190	6,490	95,767	95,767
10	Agriculture (PA-T-1)	14,979	15,034	15,763	17,243	18,731	21,179	22,926	23,433	20,768	18,798	16,074	226,892	226,892
11	Lighting	6,936	6,627	6,638	6,479	6,526	6,744	6,823	6,797	6,537	6,587	6,807	79,987	79,987
12	Sale for Resale	13	13	13	13	13	13	13	13	13	13	13	154	154
13	<b>Total System</b>	<b>1,518,301</b>	<b>1,407,897</b>	<b>1,378,724</b>	<b>1,359,704</b>	<b>1,385,017</b>	<b>1,463,399</b>	<b>1,623,547</b>	<b>1,815,710</b>	<b>1,620,963</b>	<b>1,483,854</b>	<b>1,500,447</b>	<b>18,210,874</b>	<b>18,210,874</b>
14														
15														
16														
17														
18														
19	<b>Med. &amp; Large Comm./Ind. Rate Schedule Billing Determinants</b>													
20	<b>Schedule AD:</b>													
21	<b>Total Deliveries (MWh)</b>	2,048	2,046	2,068	2,000	2,068	2,164	2,291	2,375	2,582	2,310	2,069	1,924	25,945
22	<b>Total Deliveries (%)</b>													
23	% @ Secondary Service	97.01%	97.01%	97.01%	97.01%	97.01%	97.15%	97.15%	97.15%	97.15%	97.15%	97.01%	97.01%	97.07%
24	% @ Primary Service	2.99%	2.99%	2.99%	2.99%	2.99%	2.85%	2.85%	2.85%	2.85%	2.85%	2.99%	2.99%	2.93%
25	% @ 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%
26	<b>Total Deliveries (MWh)</b>	1,987	1,984	2,006	1,940	2,006	2,102	2,226	2,308	2,508	2,244	2,007	1,867	25,186
28	MWh @ Secondary Service	61	61	62	60	62	62	65	68	74	66	62	58	759
29	MWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
30	MWh @ Transmission Service	2,048	2,046	2,068	2,000	2,068	2,164	2,291	2,375	2,582	2,310	2,069	1,924	25,945
31														
32	<b>Maximum Demand (%)</b>													
33	% @ Secondary Service	0.4330%	0.4330%	0.4330%	0.4330%	0.4330%	0.4331%	0.4331%	0.4331%	0.4331%	0.4331%	0.4330%	0.4330%	0.4330%
34	% @ Primary Service	0.2126%	0.2126%	0.2126%	0.2126%	0.2126%	0.2125%	0.2125%	0.2125%	0.2125%	0.2125%	0.2126%	0.2126%	0.2126%
35	% @ 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%
36														
37	<b>Maximum Demand (MW)</b>													
38	MW @ Secondary Service	8.604	8.592	8.686	8.400	8.685	9.103	9.639	9.994	10.861	9.718	8.691	8.063	109.055
39	MW @ Primary Service	0.130	0.130	0.131	0.127	0.131	0.131	0.139	0.144	0.156	0.140	0.131	0.122	1.614
40	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	0.000
41		8.734	8.722	8.817	8.527	8.816	9.234	9.778	10.137	11.017	9.858	8.225	110.669	110.669
42														
43														
44														



San Diego Gas & Electric													
FERC Forecast Period: January 2019 - December 2019													
Line No.	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
45	<b>Schedules OL-TOU/AY-TOU/JAL-TOU/DG-R:</b>												
46	649,733	642,587	644,118	669,322	685,205	726,592	781,227	782,812	845,678	774,797	722,962	688,733	8,613,766
47													
48	<b>Total Deliveries (MWh)</b>												
49	75.48%	75.48%	75.48%	75.48%	75.48%	75.30%	75.30%	75.30%	75.30%	75.30%	75.48%	75.48%	75.39%
50	22.89%	22.89%	22.89%	22.89%	22.89%	22.80%	22.80%	22.80%	22.80%	22.80%	22.89%	22.89%	22.85%
51	1.63%	1.63%	1.63%	1.63%	1.63%	1.90%	1.90%	1.90%	1.90%	1.90%	1.63%	1.63%	1.79%
52	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%
53	<b>Total Deliveries (MWh)</b>												
54	480,387	484,994	486,149	505,171	517,160	547,094	588,232	589,426	636,761	583,391	545,657	519,822	6,494,244
55	148,732	147,096	147,447	153,216	156,852	165,697	178,156	178,518	192,854	176,690	165,495	157,660	1,968,414
56	10,614	10,497	10,522	10,934	11,194	13,800	14,838	14,868	16,062	14,716	11,810	11,251	151,108
57	649,733	642,587	644,118	669,322	685,205	726,592	781,227	782,812	845,678	774,797	722,962	688,733	8,613,767
58	<b>Non-Coincident Demand (%)</b>												
59	0.2727%	0.2727%	0.2727%	0.2727%	0.2727%	0.2731%	0.2731%	0.2731%	0.2731%	0.2731%	0.2727%	0.2727%	0.2728%
60	0.2145%	0.2145%	0.2145%	0.2145%	0.2145%	0.2149%	0.2149%	0.2149%	0.2149%	0.2149%	0.2145%	0.2145%	0.2147%
61	0.2218%	0.2218%	0.2218%	0.2218%	0.2218%	0.2216%	0.2216%	0.2216%	0.2216%	0.2216%	0.2218%	0.2218%	0.2217%
62													
63	<b>Non-Coincident Demand (MW)</b>												
64	1,337,124	1,322,418	1,325,568	1,377,436	1,410,124	1,493,918	1,606,251	1,609,510	1,738,766	1,593,031	1,487,825	1,417,384	17,719,352
65	318,971	315,463	316,214	328,568	336,385	356,086	382,862	383,638	414,448	379,711	354,921	338,117	4,225,404
66	23,538	23,279	23,335	24,248	24,823	30,585	32,885	32,952	35,598	32,614	26,191	24,951	334,999
67	1,679,633	1,661,160	1,665,117	1,730,271	1,771,332	1,880,589	2,021,997	2,026,100	2,188,811	2,005,355	1,868,937	1,780,451	22,279,755
68	<b>On-Peak Demand-Standard Customers (%)</b>												
69	0.2478%	0.2478%	0.2478%	0.2478%	0.2478%	0.2490%	0.2490%	0.2490%	0.2490%	0.2490%	0.2478%	0.2478%	0.2483%
70	0.2184%	0.2184%	0.2184%	0.2184%	0.2184%	0.2128%	0.2128%	0.2128%	0.2128%	0.2128%	0.2184%	0.2184%	0.2159%
71	0.3864%	0.3864%	0.3864%	0.3864%	0.3864%	0.3961%	0.3961%	0.3961%	0.3961%	0.3961%	0.3864%	0.3864%	0.3912%
72													
73	<b>On-Peak Demand-Standard Customers (MW)</b>												
74	1,215,012	1,201,650	1,204,512	1,251,643	1,281,346	1,362,062	1,464,481	1,467,452	1,585,300	1,452,428	1,351,951	1,287,943	16,125,780
75	324,901	321,328	322,093	334,696	342,639	352,554	379,063	379,832	410,336	375,944	361,519	344,403	4,249,308
76	41,009	40,558	40,655	42,245	43,248	54,669	58,780	58,899	63,629	58,296	45,631	43,471	591,088
77	1,580,922	1,563,535	1,567,260	1,628,585	1,667,233	1,769,285	1,902,324	1,906,183	2,059,265	1,886,667	1,759,101	1,675,816	20,966,176
78	<b>On-Peak Demand-Grandfathered Customers (%)</b>												
79	0.2314%	0.2314%	0.2314%	0.2314%	0.2314%	0.2651%	0.2651%	0.2651%	0.2651%	0.2651%	0.2314%	0.2314%	0.2466%
80	0.2091%	0.2091%	0.2091%	0.2091%	0.2091%	0.2234%	0.2234%	0.2234%	0.2234%	0.2234%	0.2091%	0.2091%	0.2156%
81	0.3643%	0.3643%	0.3643%	0.3643%	0.3643%	0.3991%	0.3991%	0.3991%	0.3991%	0.3991%	0.3643%	0.3643%	0.3814%
82													
83	<b>On-Peak Demand-Grandfathered Customers (MW)</b>												
84	1,134,604	1,122,125	1,124,798	1,168,810	1,196,547	1,450,117	1,559,157	1,562,320	1,687,787	1,546,324	1,262,480	1,202,707	16,017,777
85	310,989	307,568	308,301	320,364	327,967	370,194	398,030	398,837	430,867	394,754	346,039	329,655	4,243,566
86	38,662	38,237	38,328	39,827	40,772	55,076	59,218	59,338	64,103	58,730	43,019	40,982	576,292
87	1,484,254	1,467,930	1,471,427	1,529,002	1,565,287	1,875,387	2,016,404	2,020,495	2,182,757	1,999,808	1,651,538	1,573,345	20,837,634
88													
89													
90	<b>Total Deliveries (MWh)</b>												
91													

San Diego Gas & Electric FERC Forecast Period: January 2019 - December 2019													Line No.	
Line No.	Schedule A6-TOU:	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
92	<b>Total Deliveries (MWh)</b>	68,077	62,839	61,850	66,451	66,517	63,632	72,571	65,560	74,351	66,045	66,031	67,028	800,953
93														
94														
95	<b>Total Deliveries (%)</b>													
96	% @ Secondary 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%
97	% @ Primary Service	16.34%	16.34%	16.34%	16.34%	16.34%	16.44%	16.44%	16.44%	16.44%	16.44%	16.34%	16.34%	16.38%
98	% @ Transmission Service	83.66%	83.66%	83.66%	83.66%	83.66%	83.56%	83.56%	83.56%	83.56%	83.56%	83.66%	83.66%	83.62%
99		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%
100	<b>Total Deliveries (MWh)</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
101	MWh @ Secondary Service	11,126	10,270	10,108	10,860	10,871	10,458	11,927	10,775	12,220	10,855	10,792	10,954	131,217
102	MWh @ Primary Service	56,951	52,570	51,742	55,591	55,646	53,174	60,643	54,785	62,131	55,190	55,240	56,073	669,736
103	MWh @ Transmission Service	68,077	62,839	61,850	66,451	66,517	63,632	72,571	65,560	74,351	66,045	66,031	67,028	800,953
104														
105	<b>Non-Coincident Demand (%)</b>													
106	% @ Secondary 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%
107	% @ Primary Service	0.1826%	0.1826%	0.1826%	0.1826%	0.1826%	0.1820%	0.1820%	0.1820%	0.1820%	0.1820%	0.1826%	0.1826%	0.1823%
108	% @ Transmission Service	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%	0.1710%
109														
110	<b>Non-Coincident Demand (MW)</b>													
111	MW @ Secondary 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
112	MW @ Primary Service	20.314	18.751	18.456	19.829	19.848	19.032	21.705	19.608	22.238	19.754	19.703	20.001	239,238
113	MW @ Transmission Service	97.390	89.897	88.482	95.064	95.159	90.930	103.703	93.685	106.247	94.379	94.463	95.889	1,145,289
114		117.704	108.648	106.937	114.893	115.007	109.962	125.409	113.294	128.485	114.132	114.167	115.890	1,384,527
115	<b>Coincident Peak Demand-Standard Customers (%)</b>													
116	% @ Secondary 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%
117	% @ Primary Service	0.1384%	0.1384%	0.1384%	0.1384%	0.1384%	0.1194%	0.1194%	0.1194%	0.1194%	0.1194%	0.1384%	0.1384%	0.1303%
118	% @ Transmission Service	0.1403%	0.1403%	0.1403%	0.1403%	0.1403%	0.1479%	0.1479%	0.1479%	0.1479%	0.1479%	0.1403%	0.1403%	0.1436%
119														
120	<b>Coincident Peak Demand-Standard Customers (MW)</b>													
121	MW @ Secondary 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
122	MW @ Primary Service	15.401	14.216	13.992	15.033	15.048	12.491	14.246	12.870	14.596	12.965	14.938	15.163	170,959
123	MW @ Transmission Service	79.920	73.771	72.610	78.012	78.089	78.651	89.699	81.034	91.900	81.634	77.519	78.688	961,526
124		95.321	87.987	86.602	93.045	93.137	91.142	103.945	93.904	106.495	94.599	92.457	93.852	1,132,485
125														
126	<b>Coincident Peak Demand-Grandfathered Customers (%)</b>													
127	% @ Secondary 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%
128	% @ Primary Service	0.1385%	0.1385%	0.1385%	0.1385%	0.1385%	0.1202%	0.1202%	0.1202%	0.1202%	0.1202%	0.1385%	0.1385%	0.1307%
129	% @ Transmission Service	0.1401%	0.1401%	0.1401%	0.1401%	0.1401%	0.1497%	0.1497%	0.1497%	0.1497%	0.1497%	0.1401%	0.1401%	0.1442%
130														
131	<b>Coincident Peak Demand-Grandfathered Customers (MW)</b>													
132	MW @ Secondary 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
133	MW @ Primary Service	15.408	14.223	13.999	15.040	15.055	12.572	14.338	12.953	14.690	13.049	14.945	15.171	171,441
134	MW @ Transmission Service	79.793	73.654	72.494	77.887	77.964	79.596	90.777	82.007	93.004	82.615	77.395	78.563	965,747
135		95.201	87.876	86.493	92.927	93.019	92.168	105.115	94.960	107.693	95.663	92.340	93.733	1,137,189
136														
137														

San Diego Gas & Electric FERC Forecast Period: January 2019 - December 2019													Line No.	
Line No.		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
138														
139														
140														
141	<b>Deliveries (MWh)</b>													
142	Med & Large Comm./Ind.	719,859	707,472	708,036	737,773	753,790	792,388	856,089	850,747	922,610	843,153	791,062	757,685	9,440,665
143														
144	<b>Deliveries (MWh)</b>													
145	MWh @ Secondary Service	492,374	486,978	488,155	507,112	519,166	549,196	590,458	591,733	639,269	585,635	547,664	521,689	6,519,430
146	MWh @ Primary Service	159,919	157,427	157,617	164,136	167,785	176,217	190,149	189,361	205,148	187,611	176,349	168,672	2,100,391
147	MWh @ Transmission Service	67,565	63,067	62,264	66,525	66,840	66,974	75,481	69,653	78,193	69,906	67,050	67,325	820,844
148		719,859	707,472	708,036	737,773	753,790	792,388	856,089	850,747	922,610	843,153	791,062	757,685	9,440,665
149	<b>Non-Coincident Demand (MW)</b>													
150	MW @ Secondary Service	1,345,727	1,331,010	1,334,254	1,385,836	1,418,809	1,503,021	1,615,890	1,619,503	1,749,627	1,602,749	1,496,516	1,425,466	17,828,407
151	MW @ Primary Service	339,415	334,344	334,801	348,543	356,365	375,249	404,706	403,391	436,842	399,604	374,756	368,240	4,466,256
152	MW @ Transmission Service	120,928	113,176	111,816	119,312	119,982	121,515	136,588	126,637	141,845	126,993	120,654	120,840	1,480,288
153		1,806,070	1,778,530	1,780,872	1,853,691	1,896,155	1,999,785	2,157,184	2,149,531	2,328,314	2,129,346	1,991,926	1,904,546	23,774,952
154														
155														
156														
157														

San Diego Gas & Electric FERC Forecast Period: January 2019 - December 2019													Line No.
Schedule PA-T-1:													
Line No.	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
158	14,979	15,034	15,763	17,243	18,731	21,179	22,926	21,963	23,433	20,768	18,798	16,074	226,892
159													160
160													161
161													162
162	76.47%	76.47%	76.47%	76.47%	76.47%	80.32%	80.32%	80.32%	80.32%	80.32%	76.47%	76.47%	78.34%
163	23.53%	23.53%	23.53%	23.53%	23.53%	19.68%	19.68%	19.68%	19.68%	19.68%	23.53%	23.53%	21.66%
164	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%
165	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%
166													166
167	11,455	11,497	12,055	13,186	14,325	17,011	18,415	17,641	18,822	16,681	14,376	12,293	177,756
168	3,524	3,537	3,708	4,057	4,407	4,168	4,512	4,322	4,611	4,087	4,423	3,782	49,136
169	0	0	0	0	0	0	0	0	0	0	0	0	0
170	14,979	15,034	15,763	17,243	18,731	21,179	22,926	21,963	23,433	20,768	18,798	16,074	226,892
171													171
172	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%	0.4081%
173	0.4011%	0.4011%	0.4011%	0.4011%	0.4011%	0.3976%	0.3976%	0.3976%	0.3976%	0.3976%	0.4011%	0.4011%	0.3995%
174	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%
175													175
176													176
177	46,745	46,914	49,189	53,807	58,453	69,417	75,145	71,988	76,808	68,070	58,662	50,161	725,360
178	14,135	14,187	14,875	16,271	17,676	16,569	17,936	17,183	18,333	16,247	17,739	15,169	196,319
179	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
180	60,880	61,101	64,064	70,079	76,129	85,986	93,081	89,171	95,141	84,317	76,401	65,329	921,680
181													181
182													182
183													183
184													184
185													185
186	11,386	9,866	9,866	10,866	10,866	10,8389	10,8389	10,8389	10,7329	10,7324	10,7324	10,7324	128,297
187	102,818	102,627	102,415	105,616	105,619	105,901	105,607	104,668	103,38	103,415	104,418	104,314	1,250,798
188	63,557	63,355	61,003	61,078	60,834	60,829	60,801	60,693	60,536	60,501	60,394	60,394	733,975
189	177,761	176,848	173,284	177,560	177,319	177,569	177,247	176,200	174,649	174,648	175,544	175,440	2,113,070
190													190

# **San Diego Gas & Electric Company**

## **Statement – BK Derivation of RS Revenue Requirement**

**Docket No. ER19-\_\_\_\_\_ - \_\_\_\_\_**

**Statement BK**  
**San Diego Gas & Electric Company**  
**2019 Reliability Service (RS) Filing**  
**Derivation of RS Revenue Requirement**  
**(\$000)**

Line No		Total RS Costs	Reference	Line No
1	<b><u>RS Balancing Account @ November 30, 2018</u></b>			1
2	Demand Costs	\$ (184)	Statement BK, Page 2, Line 5	2
3	Energy Costs	(183)	Statement BK, Page 2, Line 9	3
4				4
5	Total RS Balancing Account	\$ (367)	Line 2 + Line 3	5
6				6
7	<b><u>Forecast Costs</u></b>			7
8	Forecast Demand Costs	\$ -	Statement AH, Line 1	8
9	Forecast Energy Costs	482	Statement AH, Line 3	9
10				10
11	Sub-Total Forecast RS Costs	\$ 482	Line 8 + Line 9	11
12				12
13				13
14	<b>Total RS Costs Before FF&amp;U</b>	\$ 115	Sum Line 5 + Line 11	14
15				15
16	Franchise Fees @ 1.0277%	1	Line 14 x 1.0277%	16
17	Uncollectible Rate @ 0.174%	0	Line 14 x 0.174%	17
18				18
19	<b>Total RS Revenue Requirements</b>	\$ 116	Sum Lines 14; 16; & 17	19
20				20
21	<b><u>Total RS Demand Costs</u></b>			21
22	Demand Costs	\$ (184)	Line 2 + Line 8	22
23	Franchise Fees @ 1.0277%	(2)	Line 22 x 1.0277%	23
24	Uncollectible Rate @ 0.174%	(0)	Line 22 x 0.174%	24
25	Total Demand Costs	\$ (186)	Sum Lines 22; 23; & 24	25
26				26
27	<b><u>Total RS Energy Costs</u></b>			27
28	Energy Costs	\$ 299	Line 3 + Line 9	28
29	Franchise Fees @ 1.0277%	3	Line 28 x 1.0277%	29
30	Uncollectible Rate @ 0.174%	1	Line 28 x 0.174%	30
31	Total Energy Costs	\$ 302	Sum Lines 28; 29; & 30	31
32				32
33	<b>Total RS Revenue Requirements</b>	\$ 116	Line 25 + Line 31	33

**Statement BK**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**2019 Reliability Service (RS) Filing**  
**Derivation of RS Revenue Requirement**  
**(\$1,000)**

Line No.	Category	Amounts	Reference	Line No.
1	<b><u>RS BALANCING ACCOUNT:</u></b>	\$ (367)	November 30, 2018; RSBA Balance	1
2				2
3	Demand Costs Allocation Percentage <sup>1</sup>	50.11%	See Line 19 Below	3
4			Cost as a % of Total RS Cost.	4
5	Allocated Beginning Balance - Demand Costs	\$(184)	Line 1 x Line 3	5
6				6
7	Energy Costs Allocation Percentage <sup>2</sup>	49.89%	See Line 20 Below	7
8			Cost as a % of Total RS Cost.	8
9	Allocated Beginning Balance - Energy Costs	\$(183)	Line 1 x Line 7	9
10				10
11	Total RS Balancing Account as of November 30, 2018	\$(367)	Line 5 + Line 9	11
12				12
13	<b><u>NOTES 1 &amp; 2: Derivation of Demand &amp; Energy Allocation %</u></b>			13
14				14
15	Total Demand Cost	\$ 372	Docket No. ER18-488; Statement BK; Pg 1; Line 25	15
16	Total Energy Cost	371	Docket No. ER18-488; Statement BK; Pg 1; Line 31	16
17	Total RS Costs	\$ 743	Line 15 + Line 16	17
18				18
19	Demand Cost Allocation Percentage	50.11%	Line 15 / Line 17	19
20	Energy Costs Allocation Percentage	49.89%	Line 16 / Line 17	20
21	Total	100.00%	Line 19 + Line 20	21
22				22

# **San Diego Gas & Electric Company**

## **Statement – BL Rate Design Information**

**Docket No. ER19-\_\_\_\_\_ - \_\_\_\_\_**



Statement BL  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2019 Reliability Service - Rate Design Information  
 Summary of Reliability Service Retail and Wholesale Rates

Line No.	Customer Classes	(a) Energy Rates \$/kWh	(b) Transmission Level Demand Rates \$/kW-Mo	(c) Primary Level Demand Rates \$/kW-Mo	(d) Secondary Level Demand Rates \$/kW-Mo	Reference	Line No.
1	Residential	\$ -				Statement BL, Page 7, Line 15	1
2							2
3	Small Commercial	\$ 0.00001				Statement BL, Page 8, Line 15	3
4							4
5	Medium & Large Commercial/Industrial <sup>1</sup>	\$ 0.00002	\$ -	\$ -	\$ -	Statement BL, Page 9, Lines 9, 36, 35, 34	5
6	Vehicle Grid Integration Pilot Program (Schedule VGI)	\$ 0.00001				Statement BL, Page 10, Line 15	6
7							7
8	Agricultural (Schedules TOU-PA, TOU-PA2, TOU-PA3 and PA-T-1)	\$ 0.00001				Statement BL, Page 11, Line 15	8
9	Schedules TOU-PA, TOU-PA2 and TOU-PA3	\$ 0.00001	\$ -	\$ -	\$ -	Statement BL, Page 12, Lines 9, 36, 35, 34	9
10	Schedule PA-T-1	\$ 0.00001					10
11							11
12	Street Lighting	\$ 0.00001				Statement BL, Page 13, Line 15	12
13							13
14	Standby Rate <sup>2</sup>	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 14, Lines 24, 23, 22	14
15							15
16	Wholesale	\$ 0.00001				Statement BL, Page 2, Line 7	16

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

<sup>2</sup> Demand rate applied to standby customers' contract demand.

Statement BL  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2019 Reliability Service - Rate Design Information  
 Wholesale Customers  
 (\$000)

Line No.	Customer Classes	Derivation of Energy Based Rate & Proof of Revenues Calculation	Reference	Line No.
1	Total RS Revenue Requirements	\$ 116	Statement BK, Line 33	1
2				2
3	Total Billing Determinants (MWH)	18,210,874	Statement BD, Page 1, Line 14, Col. A	3
4				4
5	Rate Per kWh @ Meter Level	\$ 0.00001	Line 1 / Line 3	5
6	Primary Level Adjustment Factor	1.0110	Loss Adjustment Factor	6
7	Rate Per kWh @ Primary Level	\$ 0.00001	Line 5 / Line 6, Rounded to 5 Decimal Places	7
8				8
9	Wholesale Billing Determinants (MWH) @ Meter Level	154	Statement BD, Page 1, Line 14, Col. B	9
10				10
11	Total Wholesale Revenues	\$ 0	Line 7 x Line 9	11
12	Total RS Revenue Requirements	\$ 116	Line 1	12
13	Less: Wholesale Revenues	\$ 0	Line 11	13
14	RS Revenues Applicable to Retail	\$ 116	Line 12 - Line 13	14
15				15
16	RS Demand Revenues	\$ (186)	Line 14 x Statement BK, Line 25 / Statement BK, Line 33	16
17	RS Energy Revenues	\$ 302	Line 14 x Statement BK, Line 31 / Statement BK, Line 33	17
18	Total RS Revenues Applicable to Retail	\$ 116	Line 16 + Line 17	18

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.	Customer Classes	(a) Demand Costs Component of RS Revenue Requirements	(b) Allocation Ratios Based on 12 CP From Statement BB	(c) = Line 13 (a) x (b) Allocation of Revenue Requirements Based on 12 CP	Reference	Line No.
1	Residential Customers		43.13%	\$ (80)	Line 13, Col. A x Line 1, Col. B	1
2						2
3	Small Commercial		10.53%	(20)	Line 13, Col. A x Line 3, Col. B	3
4						4
5	Medium-Large Commercial/Industrial		43.43%	(81)	Line 13, Col. A x Line 5, Col. B	5
6						6
7	Agricultural		1.06%	(2)	Line 13, Col. A x Line 7, Col. B	7
8						8
9	Street Lighting		0.29%	(1)	Line 13, Col. A x Line 9, Col. B	9
10						10
11	Standby Revenues		1.57%	(3)	Line 13, Col. A x Line 11, Col. B	11
12						12
13	Grand Total	\$ (186)	100.00%	\$ (186)	Sum Lines 1 thru 11, Col. C	13

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.	Customer Classes	(a) Energy Costs Component of RS Revenue Requirements	(b) Energy Sales @ Transmission Level; From Statement BD	(c) Allocation Percentages Based on Energy Sales	(d) Allocation of Revenue Requirements Based on Energy	Reference	Line No.
1	Residential Customers		6,391,896	33.90%	102	Line 13, Col. A x Line 1, Col. C	1
2							2
3	Small Commercial		2,368,782	12.56%	38	Line 13, Col. A x Line 3, Col. C	3
4							4
5	Medium-Large Commercial/Industrial		9,775,518	51.84%	157	Line 13, Col. A x Line 5, Col. C	5
6							6
7	Agricultural		235,787	1.25%	4	Line 13, Col. A x Line 7, Col. C	7
8							8
9	Street Lighting		83,746	0.44%	1	Line 13, Col. A x Line 9, Col. C	9
10							10
11	Standby Revenues		-	0.00%	-	Line 13, Col. A x Line 11, Col. C	11
12							12
13	Grand Total	\$ 302	18,855,729	100.00%	302	Sum Lines 1 thru 11, Col. D	13

Statement BL  
Rate Design Information  
SAN DIEGO GAS AND ELECTRIC COMPANY  
Allocation of Reliability Service (RS) Revenues Requirements  
Based on Energy Sales and 12 CP Methodology @ Transmission Level  
(\$000)

Line No.	Customer Classes	(a) Demand Related RS Revenue Requirements	(b) Energy Related RS Revenue Requirements	(c) = (a) + (b) Total RS Revenue Requirements	(d) = (c) / (c) Line 13 (%)	Reference	Line No.
1	Residential Customers	\$ (80)	\$ 102	\$ 22	19.09%	Statement BL, Pages 3 & 4, Line 1	1
2							2
3	Small Commercial	(20)	38	18	15.83%	Statement BL, Pages 3 & 4, Line 3	3
4							4
5	Medium-Large Commercial/Industrial	(81)	157	76	65.34%	Statement BL, Pages 3 & 4, Line 5	5
6							6
7	Agricultural	(2)	4	2	1.56%	Statement BL, Pages 3 & 4, Line 7	7
8							8
9	Street Lighting Customers	(1)	1	1	0.69%	Statement BL, Pages 3 & 4, Line 9	9
10							10
11	Standby Customers	(3)	-	(3)	-2.51%	Statement BL, Pages 3 & 4, Line 11	11
12							12
13	Grand Total	\$ (186)	\$ 302	\$ 116	100.00%	Sum Lines 1 thru 11	13

Statement BL  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2019 Reliability Service - Rate Design Information  
 Proof of Revenues  
 (\$000)

Line No.	Customer Classes	(a) Total Revenues Allocated Based On 12 CPs & Energy Sales	(b) Total Revenues At Changed Rates	(c) Difference	Reference	Line No.
1	Residential Customers	\$ 22	\$ -	22	Statement BL, Page 5, Line 1, Col. C; Statement BL, Page 7, Line 11	1
2						2
3	Small Commercial Customers	\$ 18	23	(4)	Statement BL, Page 5, Line 3, Col. C; Statement BL, Page 8, Line 11	3
4						4
5	Medium-Large Commercial/Industrial Customers	\$ 76	189	(113)	Statement BL, Page 5, Line 5, Col. C; Statement BL, Page 9, Line 44	5
6						6
7	Agricultural Customers	\$ 2	3	(1)	Statement BL, Page 5, Line 7, Col. C; Statement BL, Page 11, Line 19 and Page 12, Line 44	7
8						8
9	Street Lighting Customers	\$ 1	1	(0)	Statement BL, Page 5, Line 9, Col. C; Statement BL, Page 13, Line 11	9
10						10
11	Standby Customers	\$ (3)	-	(3)	Statement BL, Page 5, Line 11, Col. C; Statement BL, Page 14, Line 30	11
12						12
13	Grand Total	\$ 116	\$ 215	\$ (99)		13

Statement BL  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2019 Reliability Service - Rate Design Information  
 Residential Customers<sup>1</sup>  
 (\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	RS Revenues Allocated to Residential Customers	\$ 22	Statement BL, Page 5, Line 1, Col. C	1
2				2
3	Billing Determinants - Residential Customer Class @ MWH:	6,104,963	Statement BD, Page 2, Line 1, Col. A	3
4				4
5	Residential Energy Rate Per kWh	\$ 0.0000036	Line 1 / Line 3	5
6				6
7	Residential Energy Rate Per kWh - Rounded	\$ -	Line 5 Rounded to 5 Decimal places	7
8				8
9	Total Class Revenues @ Proposed Rates	\$ -	Line 3 x Line 7	9
10				10
11	Total Class Revenues @ Proposed Rates	\$ -	Line 9	11
12				12
13	Difference	\$ 22	Line 1 - Line 11	13
14				14
15	Total Residential Rate	\$ -	Line 7	15

Notes:

<sup>1</sup> Residential customers include the following California Public Utilities Commission (CPUC) tariffs:  
 DR, DR-TOU, TOU-DR, EV-TOU, EV-TOU-2, EV-TOU-5, DR-SES, DM, DS, DT, DT-RV, TOU-DRI and TOU-DR2.

Statement BL  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2019 Reliability Service - Rate Design Information  
 Small Commercial Customers<sup>1</sup>  
 (\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	RS Revenues Allocated to Small Commercial Customers	\$ 18	Statement BL, Page 5, Line 3, Col. C	1
2				2
3	Billing Determinants - Small Commercial @ MWH:	2,262,447	Statement BD, Page 2, Line 2, Col. A	3
4				4
5	Rate Per kWh Calculation	\$ 0.0000081	Line 1 / Line 3	5
6				6
7	Rate Per kWh Calculation - Rounded	\$ 0.00001	Line 5 Rounded to 5 Decimal places	7
8				8
9	Total Class Revenues @ Proposed Rates	\$ 23	Line 3 x Line 7	9
10				10
11	Total Class Revenues @ Proposed Rates	\$ 23	Line 9	11
12				12
13	Difference	\$ (4)	Line 1 - Line 11	13
14				14
15	Total Small Commercial Rate	\$ 0.00001	Line 7	15

Notes:

<sup>1</sup> Small Commercial customers include the following California Public Utilities Commission (CPUC) tariffs: A-TC, TOU-A, TOU-A2, TOU-A3, TOU-M, and UM.



Statement BL  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
 2019 Reliability Service - Rate Design Information  
 Medium and Large Commercial Customers<sup>1</sup>  
 (\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Total RS Revenues Allocated to Medium & Large Commercial Customers	\$ 76	Statement BL, Page 5, Line 5, Col. C	1
2				2
3	Medium & Large Commercial RS Revenues Related to Energy	\$ 157	Statement BL, Page 5, Line 5, Col. B	3
4				4
5	Total Energy Sales (MWh)	9,440,665	Statement BD, Page 2, Line 7, Col. A	5
6				6
7	Energy Rate Per Unit @ \$/kWh	\$ 0.00001666	Line 3 / Line 5	7
8				8
9	Energy Rate Per Unit @ \$/kWh (Rounded)	\$ 0.00002	Line 7 Rounded to 5 Decimal places	9
10				10
11	Total RS Revenues Related to Energy @ Proposed Rates	\$ 189	Line 5 x Line 9	11
12				12
13	Medium & Large Commercial RS Revenues Related to Demand	\$ (81)	Statement BL, Page 5, Line 5, Col. A	13
14				14
15				15
16	<i>Allocation of Class Demand Revenue Requirements to Voltage Level.</i> <sup>2</sup>			16
17	RS Revenues @ Secondary Level - 75.66%	\$ (61)	Line 14 x Statement BL, Page 16, Line 30, Col. D	17
18	RS Revenues @ Primary Level - 18.30%	(15)	Line 14 x Statement BL, Page 16, Line 31, Col. D	18
19	RS Revenues @ Transmission Level - 6.04%	(5)	Line 14 x Statement BL, Page 16, Line 32, Col. D	19
20	Total Class Revenues Related to Demand	\$ (81)	Sum Lines 17; 18; & 19	20
21				21
22	<i>Demand Determinants By Voltage Level @ Meter (Monthly Max Demand): MW</i>			22
23	Secondary	17,828	Statement BL, Page 17, Line 14	23
24	Primary	4,466	Statement BL, Page 17, Line 15	24
25	Transmission	1,480	Statement BL, Page 17, Line 16	25
26	Total	23,775	Sum Lines 23; 24; & 25	26
27				27
28	Demand Rate By Voltage @ Meter \$/kW			28
29	Secondary	\$ (0.00343)	Line 17 / Line 23	29
30	Primary	\$ (0.00331)	Line 18 / Line 24	30
31	Transmission	\$ (0.00330)	Line 19 / Line 25	31
32				32
33	Demand Rate By Voltage @ Meter (Rounded) \$/kW			33
34	Secondary	\$ -	Line 29 Rounded to 2 Decimal places	34
35	Primary	\$ -	Line 30 Rounded to 2 Decimal places	35
36	Transmission	\$ -	Line 31 Rounded to 2 Decimal places	36
37				37
38	<i>Proof of Revenue Calculations:</i>			38
39	Secondary	\$ -	Line 23 x Line 34	39
40	Primary	\$ -	Line 24 x Line 35	40
41	Transmission	\$ -	Line 25 x Line 36	41
42	Total Class Revenues Related to Demand @ Proposed Rates	\$ -	Sum Lines 39; 40; & 41	42
43				43
44	Total Class RS Revenues @ Proposed Rates	\$ 189	Line 11 + Line 42	44
45				45
46	Difference	\$ 113	Line 44 - Line 1	46

Notes:  
<sup>1</sup> Medium-Large commercial customers include the following California Public Utilities Commission (CPUC) tariffs: AL-TOU, AL-TOU2, A6-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 Factors 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 = 1.0470; b) Primary = 1.0110; and c) Transmission = 1.0065.

Statement BL  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2019 Reliability Service - Rate Design Information  
 Vehicle Grid Integration (VGI) Pilot Customers<sup>1</sup>  
 (\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	RS Revenues Allocated to VGI Pilot	\$ 76	Statement BL, Page 5, Line 5, Col. C	1
2				2
3	Billing Determinants - VGI Pilot @ MWH:	9,440,665	Statement BD, Page 2, Line 7, Col. A	3
4				4
5	Rate Per kWh Calculation	\$ 0.0000080	Line 1 / Line 3	5
6				6
7	Rate Per kWh Calculation - Rounded	\$ 0.00001	Line 5 Rounded to 5 Decimal places	7
8				8
9	Total Class Revenues @ Proposed Rates	\$ 94	Line 3 x Line 7	9
10				10
11	Total Class Revenues @ Proposed Rates	\$ 94	Line 9	11
12				12
13	Difference	\$ (19)	Line 1 - Line 11	13
14				14
15	Total VGI Pilot Rate	\$ 0.00001	Line 7	15

Notes:

- 1 The California Public Utilities Commission (CPUC) tariff offered to customers participating on the Vehicle Grid Integration (VGI) Pilot: Schedule VGI

Statement BL  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2019 Reliability Service - Rate Design Information  
 Agricultural - Schedules TOU-PA, TOU-PA2, and TOU-PA3 Customers<sup>1</sup>  
 (\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	RS Revenues Allocated to Agricultural Customers	\$ 2	Statement BL, Page 5, Line 7, Col. C	1
2	Billing Determinants - Agricultural @ MWh:	322,659	Statement BD, Page 2, Lines 10 and 16, Col. A	2
3	Rate Per kWh Calculation <sup>2</sup>	\$ 0.0000056	Line 1 / Line 3	3
4	Rate Per kWh Calculation - Rounded	\$ 0.00001	Line 5 Rounded to 5 Decimal places	4
5	Total Class Revenues @ Proposed Rates	\$ 3	Line 3 x Line 7	5
6	Total Class Revenues @ Proposed Rates	\$ 3	Line 9	6
7	Difference	\$ (1)	Line 1 - Line 11	7
8	Total Agricultural Rate for Schedules TOU-PA, TOU-PA2, and TOU-PA3	\$ 0.00001	Line 7	8
9	Schedules TOU-PA, TOU-PA2, and TOU-PA3 Billing Determinants (MWh)	\$ 95,767	Statement BD, Page 2, Line 10, Col. A	9
10	Annual Revenues from Schedules TOU-PA, TOU-PA2, and TOU-PA3 Energy Rates	\$ 1	Line 15 x Line 17	10
11	Revenues Allocated to Schedule PA-T-1 <sup>3</sup>	\$ 1	Line 1 - Line 19	11

Notes:

<sup>1</sup> The RS rates for customers on California Public Utilities Commission (CPUC) agricultural tariffs Schedules TOU-PA, TOU-PA2, and TOU-PA3 are 100% energy rates.

<sup>2</sup> The RS rate for customers on Schedules TOU-PA, TOU-PA2, and TOU-PA3 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 TOU-PA, TOU-PA2, and TOU-PA3.

Statement BL  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2019 Reliability Service - Rate Design Information  
 Agricultural - Schedule PA-T-1 Customers'  
 (\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Total RS Revenues Allocated to Schedule PA-T-1 Agricultural Customers	\$ 1	Statement BL, Page 11, Line 21	1
2	Schedule PA-T-1 RS Revenues Related to Energy	\$ 2	(Statement BL, Page 5, Line 7, Col. B / Line 7, Col. C) x Line 1	2
3	Total PA-T-1 Energy Sales (MWh)	226,892	Statement BD, Page 2, Line 16, Col. A	3
4	PA-T-1 Energy Rate Per Unit @ \$/KWh	0.0000079	Line 3 / Line 5	4
5	PA-T-1 Energy Rate Per Unit @ \$/KWh (Rounded)	0.00001	Line 7 Rounded to 5 Decimal places	5
6	Total RS PA-T-1 Revenues Related to Energy @ Proposed Rates	\$ 2	Line 5 x Line 9	6
7	Schedule PA-T-1 RS Revenues Related to Demand	(1)	Line 1 - Line 11	7
8	Allocation of PA-T-1 Demand Revenue Requirements to Voltage Level: <sup>2</sup>	(1)	Line 14 x Statement BL, Page 16, Line 39, Col. D	8
9	RS Revenues @ Secondary Level - 79.28%	(0)	Line 14 x Statement BL, Page 16, Line 40, Col. D	9
10	RS Revenues @ Primary Level - 20.72%	-	Line 14 x Statement BL, Page 16, Line 41, Col. D	10
11	RS Revenues @ Transmission Level - 0.00%	(1)	Sum Lines 17; 18; & 19	11
12	Total PA-T-1 Revenues Related to Demand	725	Statement BL, Page 17, Line 21	12
13	Demand Determinants By Voltage Level @ Meter (Monthly Max-Demand), MW	196	Statement BL, Page 17, Line 22	13
14	Secondary	-	Statement BL, Page 17, Line 23	14
15	Primary	922	Sum Lines 23; 24; & 25	15
16	Transmission	(0.000101)	Line 17 / Line 23	16
17	Total PA-T-1	(0.000098)	Line 18 / Line 24	17
18	PA-T-1 Demand Rate By Voltage @ Meter \$/kW	\$ (0.000098)	(Statement BL, Page 9, Line 31 / Page 9, Line 30) x Line 30	18
19	Secondary	\$ -	Line 29 Rounded to 2 Decimal places	19
20	Primary	\$ -	Line 30 Rounded to 2 Decimal places	20
21	Transmission	\$ -	Line 31 Rounded to 2 Decimal places	21
22	Proof of Revenue Calculations:	\$ -	Line 23 x Line 34	22
23	Secondary	\$ -	Line 24 x Line 35	23
24	Primary	\$ -	Line 25 x Line 36	24
25	Transmission	\$ -	Sum Lines 39; 40; & 41	25
26	Total Schedule PA-T-1 Revenues Related to Demand @ Proposed Rates	\$ 2	Line 11 + Line 42	26
27	Total Schedule PA-T-1 RS Revenues @ Proposed Rates	\$ 1	Line 44 - Line 1	27
28	Difference	\$ -		28

Notes:  
<sup>1</sup> The RS rates 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 = 1.0470; b) Primary = 1.0110; and c) Transmission = 1.0065.  
<sup>3</sup> Because there are no forecasted determinants for PA-T-1 at the Transmission Voltage Level, the rate differential between AL-TOU Primary and Transmission rates was used to determine the PA-T-1 Transmission Rate.

Statement BL  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2019 Reliability Service - Rate Design Information  
 Street Lighting Customers<sup>1</sup>  
 (\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	RS Revenues Allocated to Street Lighting Customers	\$ 1	Statement BL, Page 5, Line 9, Col. C	1
2				2
3	Billing Determinants - Street Lighting Customers @ kWh:	79,987	Statement BD, Page 2, Line 18, Col. A	3
4				4
5	Rate Per kWh Calculation	\$ 0.0000100	Line 1 / Line 3	5
6				6
7	Rate Per kWh Calculation - Rounded	\$ 0.00001	Line 5 Rounded to 5 Decimal places	7
8				8
9	Proof of Revenues:	\$ 1	Line 3 x Line 7	9
10				10
11	Total Class Revenues @ Proposed Rates	\$ 1	Line 9	11
12				12
13	Difference	\$ (0)	Line 1 - Line 11	13
14				14
15	Total Street Lighting Rate	\$ 0.00001	Line 7	15

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  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2019 Reliability Service - Rate Design Information  
 Standby Customers<sup>1</sup>  
 (\$000)

Line No.	Customer Classes	Derivation of Standby Surcharge & Proof of Revenues Calculation	Reference	Line No.
1	Derivation of Demand Rate:			1
2	Demand Revenue Requirement	\$ (3)	Statement BL, Page 5, Line 11, Col. C	2
3				3
4	<u>Allocation of Revenue Requirements to Voltage Level:</u> <sup>2</sup>			4
5	RS Revenues @ Secondary Level - 6.28%	\$ (0)	Line 2 x Statement BL, Page 16, Line 48, Col. D	5
6	RS Revenues @ Primary Level - 59.16%	(2)	Line 2 x Statement BL, Page 16, Line 49, Col. D	6
7	RS Revenues @ Transmission Level - 34.56%	(1)	Line 2 x Statement BL, Page 16, Line 50, Col. D	7
8	Total Class Revenue Requirement	\$ (3)	Sum Lines 5; 6; & 7	8
9				9
10	Demand Determinants By Voltage Level @ Meter (Contract Demand) MW			10
11	Secondary	128	Statement BL, Page 17, Line 28	11
12	Primary	1,251	Statement BL, Page 17, Line 29	12
13	Transmission	734	Statement BL, Page 17, Line 30	13
14	Total	2,113	Sum Lines 11; 12; & 13	14
15				15
16	Demand Rate By Voltage Level @ Meter \$/kW			16
17	Secondary	\$ (0.00143)	Line 5 / Line 11	17
18	Primary	\$ (0.00138)	Line 6 / Line 12	18
19	Transmission	\$ (0.00137)	Line 7 / Line 13	19
20				20
21	Demand Rate By Voltage Level @ Meter (Rounded) \$/kW			21
22	Secondary	\$ -	Line 17 Rounded to 2 Decimal places	22
23	Primary	\$ -	Line 18 Rounded to 2 Decimal places	23
24	Transmission	\$ -	Line 19 Rounded to 2 Decimal places	24
25				25
26	<u>Proof of Revenue Calculations:</u>			26
27	Secondary	\$ -	Line 11 x Line 22	27
28	Primary	\$ -	Line 12 x Line 23	28
29	Transmission	\$ -	Line 13 x Line 24	29
30	Total Class Revenue Requirement @ Proposed Rates	\$ -	Sum Lines 27; 28; & 29	30
31				31
32	Difference	\$ 3	Line 30 - Line 1	32

Notes:  
<sup>1</sup> Standby customers include the following California Public Utilities Commission (CPUC) tariffs: S.  
<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 = 1.0470; b) Primary = 1.0110; and c) Transmission = 1.0065.

San Diego Gas & Electric Company  
 2019 Reliability Service - Rate Design Information

Line No		Total RS Costs	Reference	Line No
1	<b>TOTAL RS DEMAND COSTS:</b>			1
2	Demand Costs	\$ (184)	Statement BK, Line 22	2
3	Franchise Fees @ 1.0277%	(2)	Statement BK, Line 22 x 1.0277%	3
4	Uncollectible Rate @.174%	(0)	Statement BK, Line 22 x 0.174%	4
5	Total Demand Costs	\$ (186)	Sum Lines 2; 3; & 4	5
6				6
7	<b>TOTAL RS ENERGY COSTS:</b>			7
8	Energy Costs	\$ 299	Statement BK, Line 28	8
9	Franchise Fees @ 1.0277%	3	Statement BK, Line 8 x 1.0277%	9
10	Uncollectible Rate @.174%	1	Statement BK, Line 8 x 0.174%	10
11	Total Energy Costs	\$ 302	Sum Lines 8; 9; & 10	11
12				12
13	Total Energy Sales - MWh @ Retail Meter Level	18,210,720	Statement BL, Page 17, Line 10	13
14	Average Rate Per kWh	\$ 0.00002	Line 11 / Line 13	14
15				15
16	<b>TOTAL RS REVENUE REQUIREMENTS</b>	\$ 116	Line 5 + Line 11	16

Statement BL  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
 Rate Design Information  
 2019 Reliability Service - Rate Design Information  
 Development of 12-CP Allocation Factors

Line No.	Customer Class	(a) 5 Year Average Ending 12/31/2016 Of 12 CPs Kilowatt @ Meter Level	(b) Transmission Loss Factors	(c) = (a) x (b) 5 Year Average Ending 12/31/2016 Of 12 CPs Kilowatt @ Transmission Level	(d) 12 CP Allocation Factors @ Transmission Level	(e) Demand Determinant Allocation Factors	Line No.
1	5 Year Average - 12 CP Allocation Factors:						
2	Residential Customers	16,464,065	1.0470	17,237,876	43.13%		1
3	Small Commercial Customers	4,018,574	1.0470	4,207,447	10.53%		2
4	Medium-Large Commercial Customers						3
5	Secondary	11,579,202	1.0470	12,123,425	30.33%	69.85%	4
6	Primary	3,729,658	1.0110	3,770,685	9.43%	21.72%	5
7	Transmission	1,453,803	1.0065	1,463,253	3.66%	8.43%	6
8	Total Medium-Large Commercial	16,762,664		17,357,362	43.43%	100.00%	7
9							8
10	Agricultural						9
11	Secondary	344,360	1.0470	360,545	0.90%	85.41%	10
12	Primary	60,900	1.0110	61,570	0.15%	14.59%	11
13	Transmission	-	1.0065	-	0.00%	0.00%	12
14	Total Agricultural	405,260		422,115	1.06%	100.00%	13
15							14
16	Standby Customers (Served Load Information)						15
17	Secondary	35,194	1.0470	36,848	0.09%	5.89%	16
18	Primary	357,700	1.0110	361,634	0.90%	57.77%	17
19	Transmission	226,022	1.0065	227,492	0.57%	36.34%	18
20	Total Standby Customers	618,916		625,974	1.57%	100.00%	19
21							20
22	Street Lighting	111,741	1.0470	116,993	0.29%		21
23							22
24	System Total	38,381,220		39,967,767	100.00%		23
25							24
26							25
27							26
28	Medium-Large Commercial Customers:						27
29	Demand Determinants - (Non-Concurrent Demand)						28
30	Secondary	17,828	1.0470	18,666	75.66%		29
31	Primary	4,466	1.0110	4,515	18.30%		30
32	Transmission	1,480	1.0065	1,490	6.04%		31
33	Total	23,775		24,672	100.00%		32
34							33
35							34
36							35
37	Agricultural - Schedule PA-T-1						36
38	Secondary	725	1.0470	759	79.28%		37
39	Primary	196	1.0110	198	20.72%		38
40	Transmission	-	1.0065	-	0.00%		39
41	Total	922		958	100.00%		40
42							41
43							42
44							43
45	Standby Customers Billings Information:						44
46	Billing Determinants - (Contracted Standby Demand)						45
47	Secondary	128	1.0470	134	6.28%		46
48	Primary	1,251	1.0110	1,265	59.16%		47
49	Transmission	734	1.0065	739	34.56%		48
50	Total	2,113		2,138	100.00%		49
51							50



Statement BL  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2019 Reliability Service - Rate Design Information  
 Forecasted Billing Determinants

Line No.	<u>January 2019 - December 2019 - Forecasted Sales Information:</u>	(MWH)
1	Residential	6,104,963
2	Small Commercial	2,262,447
3	Med & Lrg Commercial/Industrial	9,440,665
4	Agricultural	322,659
5	Street Lighting	79,987
6	Sale For Resale	154
7		
8	Total Energy Sales (MWH)	18,210,874
9		
10	Total Energy Sales (MWH) - Excluding Resale	18,210,720
11		
12		
13	<u>Med &amp; Lrg Commercial/Industrial Customers - (Non-Coincident Demand):</u>	
14	Secondary	17,828
15	Primary	4,466
16	Transmission	1,480
17		
18	Total Non-Coincident Demand	23,775
19		
20	<u>Agricultural - Schedule PA-T-1 - (Non-Coincident Demand):</u>	
21	Secondary	725
22	Primary	196
23	Transmission	-
24		
25	Total Non-Coincident Demand	922
26		
27	<u>Standby - Contract Demand By Voltage Level:</u>	
28	Secondary	128
29	Primary	1,251
30	Transmission	734
31		
32	Total Contract Demand	2,113

**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 and ER18-488-000. In addition, I certify that I have also caused the foregoing to be served upon the following:

Arocles Aguilar (via Overnight Mail)  
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  
250 Outcropping Way  
Folsom, CA 95630

Dated at San Diego, California, this 14th day of December, 2018.

*/s/ Jenny Norin*

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Jenny Norin  
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