

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

**San Diego Gas & Electric Company**

**Docket No. ER20- -000**

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

**December 11, 2019**



**Ross R. Fulton**  
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December 11, 2019

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, 2020 Annual RSBA Rate Revision,  
Docket No. ER20-\_\_\_-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, 2020. 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 Christian A. Soderlund;
5. Exhibit No. SD-0002, RS Costs Forecast;
6. Exhibit No. SD-0003, Testimony of Stacy Fuhrer;

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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.

7. Exhibit No. SD-0004, Cost Statements; and
8. Certificate of Service.

## **II. BACKGROUND**

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

The CAISO issues “Exceptional Dispatches” to address reliability needs that cannot be addressed through the normal operation of the CAISO 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 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.

## **III. DESCRIPTION OF FILING**

### **A. 2020 Reliability Service Costs**

SDG&E proposes a change in the RS Revenue Requirement from approximately \$116,000 for the 2019 service year to approximately \$632,000 for the 2020 service year, an increase of approximately \$516,000. Statement BK, Exhibit No. SD-0004 sets forth the derivation of the 2020 RS Revenue Requirement of \$632,000.

In Exhibit No. SD-0001, Mr. Soderlund explains that RS costs consist of Exceptional Dispatch costs that the CAISO bills to SDG&E. Mr. Soderlund also explains and quantifies the components of SDG&E’s 2020 RS forecasted costs and the basis for their incurrence. The forecasted Exceptional Dispatch costs have slightly increased from the 2019 forecast costs of approximately \$482,000 to approximately \$623,000 for 2020.

In Exhibit No. SD-0003, Ms. Fuhrer describes how she utilizes Mr. Soderlund’s 2020 forecast costs and the RSBA balance through November 30, 2019 to develop the RS Revenue Requirement. Ms. Fuhrer 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 2020 RS Revenue Requirement.

Appendix VII - Summary of Reliability Services Retail Transmission Rates has been revised to reflect the 2020 Service Year rates.

Appendix VII - Wholesale RS Rate has been revised to reflect the 2020 rate.

#### **IV. 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 both to general rules of applicability and to SDG&E-applicable Commission orders. 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, 2020. 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 requirement that SDG&E file annual RS rates in December; the month prior to when RS Rates are proposed to go into effect.<sup>3</sup>

#### **V. SERVICE**

In addition to having copies of this letter and all enclosures available for public inspection in SDG&E's principal office located in San Diego, California, SDG&E has served copies of this RS Filing to those persons on the official service lists in Docket Nos. ER19-221, and ER19-558-000. 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.

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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).

The Hon. Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission  
December 11, 2019  
Page 4 of 4

## VI. COMMUNICATIONS

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

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Respectfully submitted,

/s/Ross R. Fulton

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Ross R. Fulton  
Attorney for  
San Diego Gas & Electric Company

## **APPENDIX V**

### **Reliability Services Revenue Requirement**

1. The Reliability Services Revenue Requirement of \$632,000 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	0.00004				1
2						2
3	Small Commercial	0.00004				3
4						4
5	Medium & Large Commercial/Industrial (1)	0.00004	0.00	0.00	0.00	5
6	Vehicle Grid Integration Rate (3)	0.00004				6
7						7
8	Agricultural					8
9	Schedules TOU-PA, TOU-PA2, and TOU-PA3	0.00002				9
10	Schedules PA-T-1(1)	0.00003	0.00	0.00	0.00	10
11						11
12	Street Lighting	0.00004				12
13						13
14	Standby Rate (2)		0.00	0.00	0.00	14

**2020 Service Year**

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

**Wholesale RS Rate**

	\$/kWh
<b>Wholesale RS rate</b>	<b>0.00004</b>



## APPENDIX V

### Reliability Services Revenue Requirement

1. The Reliability Services Revenue Requirement of ~~\$632,416~~,000 is equal to the forecast of Reliability Services payments the Participating TO will make to the ISO during the twelve Month period following the Effective Date of the Rate Schedule, the balance in the RS balancing account from the preceding year, including an adjustment for franchise fees and uncollectible accounts expense.
2. The amount in (1) shall be effective until amended by the Participating TO in accordance with Appendix VI to this Tariff.

**APPENDIX VII**

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**[SEE ATTACHED]**

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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. <del>000000000</del> <u>4</u>				1
2						2
3	Small Commercial	0. <del>000010000</del> <u>4</u>				3
4						4
5	Medium & Large Commercial/Industrial (1)	0. <del>000020000</del> <u>4</u>	0.00	0.00	0.00	5
6	Vehicle Grid Integration Rate (3)	0. <del>000010000</del> <u>4</u>				6
7						7
8	Agricultural					8
9	Schedules TOU-PA, TOU-PA2, and TOU-PA3	0. <del>000010000</del> <u>2</u>				9
10	Schedules PA-T-1(1)	0. <del>000010000</del> <u>3</u>	0.00	0.00	0.00	10
11						11
12	Street Lighting	0. <del>000010000</del> <u>4</u>				12
13						13



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

**San Diego Gas & Electric Company        )       Docket No. ER20-\_\_-000**

**PREPARED DIRECT TESTIMONY OF  
CHRISTIAN A. SODERLUND  
ON BEHALF OF SAN DIEGO GAS & ELECTRIC COMPANY**

**December 11, 2019**

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**PREPARED DIRECT TESTIMONY OF**  
**CHRISTIAN A. SODERLUND**  
**ON BEHALF OF SAN DIEGO GAS & ELECTRIC COMPANY**

**I. INTRODUCTION**

Q. Please state your name and business address.

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

Q. Please describe your current responsibilities.

A. As a Senior Energy Administrator in the Electric Grid Operations Department, my responsibilities are to administer grid contracts.

Q. Please describe your educational and professional background.

A. I have a Bachelor of Science in Mechanical Engineering from Iowa State University, and a Master of Business Administration from the University of San Diego. In addition, I am a Registered Professional Engineer in the state of California. I have been employed at SDG&E since June of 1978. During that time, I have held positions in Electric & Fuel Procurement, Gas System Planning, and a variety of other positions before my current assignment since November of 2004 to administer grid contracts.

Q. Have you previously testified before this Commission?

A. Yes. I previously submitted direct testimony before the Federal Energy Regulatory Commission in Docket Nos. ER09-451-000, ER10-474-000, ER11-2445-000, ER12-634-000, ER13-598-000, ER14-683-000, ER15-175-000, ER16-546-000, ER17-547-000, and ER18-488-000.

1    **II.    PURPOSE OF TESTIMONY**

2    Q.    What is the purpose of your testimony?

3    A.    The purpose of my testimony is to provide a forecast of the charges SDG&E  
4           expects to incur in the year 2020 for Reliability Services (“RS”) from the  
5           California Independent System Operator Corporation (“CAISO”) pursuant to the  
6           CAISO Tariff.

7    Q.    Please summarize SDG&E’s 2020 RS Forecast.

8    A.    As shown in Exhibit No. SD-0002, SDG&E’s 2020 RS forecast is \$623,000 for  
9           Exceptional Dispatch.

10   **III.   COMPONENTS OF RS COSTS**

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

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

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

16   A.    Pursuant to SDG&E’s Transmission Owner Tariff, SDG&E records all RS costs  
17           and revenues in its Reliability Service Balancing Account (“RSBA”). The RSBA  
18           tracks the cumulative differences between revenues billed by SDG&E for  
19           Reliability Services and SDG&E’s costs from the CAISO for such services during  
20           the year. The difference between the revenues collected from customers and costs  
21           incurred result in an over-or-under-collection each year. This over-or under-  
22           collection is then included in the next annual RS filing, to ensure that customers  
23           pay no more or no less than SDG&E’s actual RS costs. For example, if SDG&E

1 forecasts the 2020 RS Costs to be \$100 and is charged \$110 by the CAISO, it  
2 would create an under-collection in the RSBA. The \$10 under-collection is then  
3 collected in the subsequent annual RS filing.

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

5 Q. How have RS costs changed for 2020?

6 A. SDG&E is forecasting that RS costs for 2020 will increase, as compared to 2019.

7 Q. Has the CAISO designated any Reliability Must Run (RMR) resources in 2020  
8 for which SDG&E, as a Participating Transmission Owner (PTO), has a cost  
9 responsibility?

10 A. No. On September 18, 2019, the CAISO Board of Governors authorized CAISO  
11 Management to extend an RMR contract for a resource for which SDG&E does  
12 not have a direct cost responsibility. However, in the event the CAISO  
13 subsequently designates a resource as RMR for which SDG&E has partial cost  
14 responsibility, those costs would be included in the RSBA.

15 Q. Could there be other RMR costs for 2020 that are not included in the 2020  
16 forecast?

17 A. Yes. The RMR Agreement, in section 2.4 - Effect of Expiration or Termination,  
18 states: "Expiration or termination of this Agreement shall not affect the accrued  
19 rights and obligations of either Party, including either Party's obligations to make  
20 all payments to the other Party pursuant to this Agreement or post-termination  
21 audit rights under Section 12.2." Later, in Section 9.1 (b) states that the "Owner  
22 will submit to CAISO RMR Invoices for each Month during the term of this  
23 Agreement, which are defined in this Section 9.1(b) as follows: (i) Estimated

1 RMR Invoice; (ii) Revised Estimated RMR Invoice; (iii) Adjusted RMR Invoice;  
2 and (iv) Revised Adjusted RMR Invoice.” The operation of either or both of  
3 these sections could result in RMR invoices being submitted to the CAISO well  
4 beyond the service month in which they occurred. If these RMR costs occur, they  
5 will be charged to the RSBA.

6 Q. Please explain Exceptional Dispatch.

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

- 9 1) Responding to or preventing a CAISO System Emergency, or a situation  
10 that threatens System Reliability;
- 11 2) Responding to a CAISO “Other Exceptional Dispatch” situation, such as  
12 providing Voltage Support, or responding, preventing, or minimizing a  
13 Market Disruption;
- 14 3) Responding to a Transmission-Related Modeling Limitation due to, e.g.,  
15 transmission maintenance, lack of voltage support, system conditions,  
16 including threatened or imminent reliability conditions for which the  
17 CAISO’s Market or System modeling is too slow or incapable of  
18 resolving.

19 Q. How is Exceptional Dispatch priced?

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



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

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

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

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

11 In sum, Exceptional Dispatch is typically driven by either unforeseen or  
12 unplanned events or market participant schedules that SDG&E does not and  
13 cannot have access to because the CAISO treats this data as confidential. Since  
14 the energy price data and the units that could be exceptionally dispatched are not  
15 known ahead of time, the 2020 forecast is based on Exceptional Dispatch costs  
16 recorded in a recent 12-month period, as noted in Exhibit No. SD-0002. Any  
17 differential between the forecasted and actual amount of Exceptional Dispatch  
18 costs for the 2020 period will be reflected in the RSBA. The estimate for these  
19 Exceptional Dispatch costs for 2020 of \$623,000 is found in Exhibit No. SD-  
20 0002, Line 2.

21 Q. What other factors make forecasting the variable energy component of RS costs  
22 difficult for 2020?

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

6 Q. Could there be other Exceptional Dispatch costs for 2020 that are not included in  
7 the 2020 forecast?

8 A. Yes. In the current CAISO Tariff, section 11.29.7, it states that the CAISO will  
9 publish: (i) Initial Settlement Statements T+3B on the third (3) Business Day  
10 from the relevant Trading Day (T+3B); (ii) Recalculation Settlement Statements  
11 T+12B on the twelfth (12) Business Day from the relevant Trading Day (T+12B);  
12 (iii) Recalculation Settlement Statements T+55B on the fifty-fifth (55) Business  
13 Day from the relevant Trading Day (T+55B); (iv) Recalculation Settlement  
14 Statements T+9M on the one-hundred and ninety-fourth (194) Business Day after  
15 the Trading Day, which is approximately nine (9) months after the Trading Day  
16 (T+9M), if necessary; (v) Recalculation Settlement Statements T+18M on the  
17 three hundred and eighty third (383) Business Day after the Trading Day, which is  
18 approximately eighteen (18) calendar months from the relevant Trading Day  
19 (T+18M), if necessary; (vi) Recalculation Settlement Statements T+33M on the  
20 six hundred and ninety-third (693) Business Day after the Trading Day, which is  
21 approximately thirty-three (33) calendar months from the relevant Trading Day  
22 (T+33M), if necessary; (vii) Recalculation Settlement Statements T+36M on the  
23 seven hundred and fifty-ninth (759) Business Day after the Trading Day, which is

1 approximately thirty-six (36) calendar months from the relevant Trading Day  
2 (T+36M), if necessary; and (viii) any Unscheduled Recalculation Settlement  
3 Statement issued pursuant to Section 11.29.7.3. The CAISO will issue a Market  
4 Notice if a Recalculation Settlement Statement T+9M, Recalculation Settlement  
5 Statement T+18M, Recalculation Settlement Statement T+33M, Recalculation  
6 Settlement Statement T+36M, or any Unscheduled Recalculation Settlement  
7 Statement pursuant to Section 11.29.7.3 is issued for a Trading Day. The CAISO  
8 will notify affected Market Participants regarding failed or late publication of any  
9 settlement statements specified above and will rectify such failed or late  
10 publications pursuant to its procedure posted on the CAISO Website. To the  
11 extent the CAISO produces any additional RS costs according to the settlement  
12 cycle above, these RS costs will be charged to the RSBA.

13 Q. Could other RS costs occurring prior to the Go Live date of the CAISO's Market  
14 Redesign Technology Initiative, MRTU, April 1, 2009 be invoiced in 2020?

15 A. Yes. Although not anticipated, in the event the CAISO determines or is required  
16 to rerun a period that occurred prior to the April 1, 2009, which could involve RS  
17 charges, the CAISO's Business Practice Manual for Settlements and Billing,  
18 3.3.2-Historic Rerun Pass Through Bills, provides a process for billing these  
19 Historic Rerun charges in 2020. To the extent these RS costs occur, they will be  
20 charged to the RSBA.

21 Q. What is the expected variable component of RS costs for 2020?

22 A. The variable component of RS costs for 2020 of \$623,000 is found in Exhibit No.  
23 SD-0002 Line 2.

1 Q. What are the expected total RS costs for 2020?

2 A. The expected total RS Revenue Requirement for 2020 is found in Statement BK  
3 (RS Revenue Requirement) totaling \$632,000 as shown on line 19. Statement BK  
4 includes the RS balance as of November 30, 2019 of \$1,000, the total 2020 RS  
5 Forecast of \$623,000 and the applicable franchise fees and uncollectibles. The  
6 same information is also reflected in Exhibit No. SD-0002, Lines 2, 4, 7 and 9,  
7 respectively.

8 Q. Does this conclude your testimony?

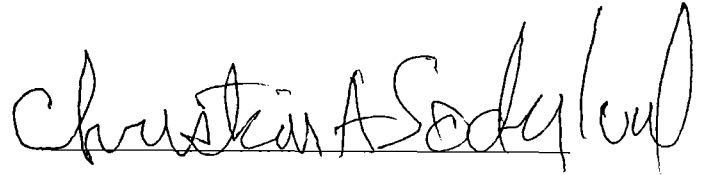
9 A. Yes.

**VERIFICATION**

Christian A. Soderlund 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 11<sup>th</sup> day of December 2019

A handwritten signature in cursive script that reads "Christian A Soderlund". The signature is written in black ink and is positioned to the right of the date text.

## SDG&E 2020 Costs Included in RS Rate

Line No.	Components	2020 Forecasted Costs (\$000's)	Footnote Reference
1	<b>MRTU Exceptional Dispatch</b>		
2	Variable (Energy)	623	1
3			
4	<b>RSBA November 2019 Ending Amount</b>	1	
5	<b>RS Amount Before FFU (Line 2 Plus Line 4)</b>	624	
6			
7	Franchise Fees @ 1.0275% (Line 5 X 1.0275%)	6	2
8			
9	Uncollectibles Rate @ .173% (Line 5 X 0.173%)	1	2
10			
11	<b>Total RS Revenue Requirement (Line 5+7+9)</b>	632	
		\$	

**Footnotes**

- 1 Forecast based on Exceptional Dispatch costs found in BAID 1188 Invoice Data recorded in the months from October 2018 through September 2019.
- 2 FFU is Franchise Fees and Uncollectibles.

**SDG&E 2020 Costs, in \$000, Included in RS Rate**

Line No.	<u>Unit(s) Owner</u>		<u>Cost by Owner</u>
1	Exceptional Dispatch		\$ 623
2			
3			
4			
5			
6	Energy RS Costs		\$ 623
7	Total RS		\$ 623

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**San Diego Gas & Electric Company        )       Docket No. ER20-\_\_-000**

**PREPARED DIRECT TESTIMONY OF  
STACY L. FUHRER  
ON BEHALF OF SAN DIEGO GAS & ELECTRIC COMPANY**

**December 11, 2019**



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**PREPARED DIRECT TESTIMONY OF**

**STACY L. FUHRER**

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

**I. INTRODUCTION**

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

A. My name is Stacy L. Fuhrer, and I am an Electric Rates Business and Economic Advisor 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 Arts degree in International Management from Central College in 2010, and a Masters of Science in Global Management from Thunderbird School of Global Management in 2011. 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 April 2017 and have held my current position since August 2018.

**II. PURPOSE OF TESTIMONY**

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present proposed 2020 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 Transmission Owner Tariff (FERC Electric Tariff, Volume 11, Appendix VII). Specifically, my testimony:

- 1) Describes the development of SDG&E's RS retail and wholesale rates based on the costs addressed in the prepared direct testimony of SDG&E witness Christian A. Soderlund, Exhibit No. SD-0001; and
- 2) Supports the rate revisions in Appendix VII.

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

#### A. RS Cost Components Used to Develop SDG&E's RS Revenue Requirement

- Q. Please describe how the RS cost components are used to develop RS revenue requirement components in the instant filing.
- A. Statement BK (Derivation of RS Revenue Requirement), page 1, shown in Exhibit No. SD-0004, derives SDG&E's total RS Revenue Requirement of \$0.632 million. Lines 8 and 9 show the demand and energy cost components of (\$0.000) million and (\$0.623) million, respectively, brought forward from Statement AH (Operation and Maintenance Expenses), as shown in Exhibit No. SD-0004. Lines 2 and 3 show the demand and energy cost components (\$0.002) million and \$0.003 million, respectively, of the RS Balancing Account under-collection of \$0.001 million. The balancing account reflects the RS revenue and RS expense activity for the period 12-months ending November 2019. Lines 16 and 17 reflect SDG&E's applicable city franchise fee and uncollectible rates of \$0.006 million and \$0.001 million, respectively, which need to be added to the RS costs. Line 19 shows the total RS Revenue Requirement of \$0.632 million.
- Statement BK, page 1, separates the RS Revenue Requirement into demand and energy cost components that are used for customer class allocation and rate design purposes.

1           **B.       Allocation of RS Costs to SDG&E’s Single Wholesale Customer**

2    Q.     Please explain how you allocated the RS costs to SDG&E’s single wholesale  
3           customer.

4    A.     Consistent with the approach SDG&E took in last year’s RS Revenue  
5           Requirement filing in Docket No. ER19-558 (which the Commission accepted via  
6           Letter Order dated January 18, 2019), SDG&E allocated RS costs to its sole  
7           wholesale customer on the basis of energy. SDG&E used this method to remain  
8           consistent with the methodology used to charge customer class for High Voltage  
9           and Low Voltage Transmission service under the California Independent System  
10          Operator’s (“CAISO”) tariff. Under the CAISO tariff, wholesale customers are  
11          allocated and assigned fixed transmission costs using an energy allocation  
12          methodology.

13   Q.     Please explain the process SDG&E used to allocate RS costs to SDG&E’s single  
14          wholesale customer and the RS rate derivation applicable to this customer.

15   A.     In Statement BL (Rate Design Information), page 2, shown in Exhibit No. SD-  
16          0004, I first calculated an average per kWh rate by dividing total RS Revenue  
17          Requirements of \$632,000 from Statement BK, demand plus energy costs, by the  
18          total energy sales for all of SDG&E’s customers, adjusted by adding the  
19          distribution losses to reflect the data as if measured at the transmission level. I  
20          then multiplied this energy rate by SDG&E’s single wholesale customer’s annual  
21          energy sales to derive the amount of RS revenues allocated or applicable to the  
22          wholesale customer. Once I derived the RS revenues applicable to the wholesale  
23          customer, I subtracted this amount from the total RS revenues to derive revenues

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

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

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

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

10 Specifically, SDG&E has allocated its fixed or demand related RS costs to retail  
11 customers using a 12-coincident peak methodology (12-CP) as shown in Exhibit  
12 SD-0004, Statement BB (Allocation Demand and Capability Data). Statement  
13 BB, shows a 5-year historical average for each customer class.

14 This data is for the 5-year period ending December 31, 2017, using  
15 SDG&E's most current available information. The 5-year average is used to  
16 smooth out annual customer class contributions to system peak data to provide  
17 customer class stability. As additional yearly data is available, SDG&E will add  
18 the most current year of data and drop the oldest data to maintain a running 5-year  
19 average. Once the 5-year average is developed, the 12-CP data, shown in  
20 Statement BB, is adjusted by adding the distribution losses for each customer  
21 class to reflect the data as if it were measured at the transmission level, consistent  
22 to what was done when developing the wholesale rate. Allocation of fixed costs

1 using all data at the transmission level will ensure that customer classes are  
2 allocated demand costs on a consistent and equitable basis.

3 Q. How did you allocate RS energy costs?

4 A. Consistent with the Order, SDG&E allocated RS energy costs using a customer  
5 class energy allocation factor as shown in Exhibit No. SD-0004, Statement BD  
6 (Allocation Energy and Supporting Data), page 2.

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

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

15 **D. RS Retail Customer Class Rate Design and Customer Rate Increase**  
16 **Impacts**

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

19 A. SDG&E is using the same rate design that it used in the previous RS filing in  
20 Docket No. ER19-558-000, which went into effect on January 1, 2019. The  
21 customer classes, reflecting the current designations established by the California  
22 Public Utilities Commission, are as follows:

- 23 • **Residential Customers** – DR, DR-TOU, TOU-DR, EV-TOU, EV-TOU-2,  
24 EV-TOU-5, DR-SES, DM, DS, DT, DT-RV, TOU-DR1 and TOU-DR2.

- 1 • **Small Commercial Customers** – A-TC, TOU-A, TOU-A2, TOU-A3,  
2 TOU-M, and UM.
- 3 • **Medium & Large Commercial/Industrial Customers** – AL-TOU, AL-  
4 TOU2, DG-R, A6-TOU, OL-TOU and the Vehicle Grid Integration (VGI)  
5 Pilot Program.
- 6 • **Agricultural** – TOU-PA, TOU-PA2, TOU-PA3, and PA-T-1.
- 7 • **Street Lighting** – DWL, OL-1, OL-2, LS-1, LS-2, and LS-3.
- 8 • **Standby Service** – S.

9 Q. Is SDG&E proposing any rate design changes in this proceeding?

10 A. SDG&E is not proposing any changes in its rate design methodology for RS in  
11 this proceeding.

12 Q. What are the proposed retail and wholesale RS rates, by rate class, that SDG&E is  
13 proposing?

14 A. The proposed retail and wholesale rates are shown in Exhibit No. SD-0004,  
15 Statement BL, page 1.

16 Q. How did you develop the rates shown in Exhibit No. SD-0004, Statement BL?

17 A. On Statement BL, pages 7 through 14, I show the derivation of each rate. The  
18 first step in the rate design process is to take the revenue requirement for each  
19 customer class, as shown on page 5, Column C, and design the rates based on  
20 2020 forecasted billing determinants to collect this applicable revenue  
21 requirement. The rate design on pages 7 through 14 are explained in the  
22 explanatory notes that are shown in the reference column of each page. After  
23 designing each rate, I rounded each rate to the appropriate significant digit used

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

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

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

15 **IV. REVISIONS TO APPENDIX VII**

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

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

18 Appendix VII – Revised RS rates by End-Use-Customer class applicable to 2020  
19 service.

20 Appendix VII – Revised 2020 Wholesale RS Rate applicable to SDG&E's lone  
21 wholesale customer.

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

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

3 **V. CONCLUSION**

4 Q. What is your testimony recommending?

5 A. My testimony recommends that the Commission approve SDG&E's 2020 RS  
6 retail and wholesale rates as proposed.

7 Q. Does this complete your testimony?

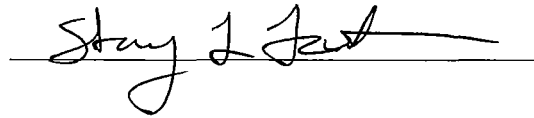
8 A. Yes.



**VERIFICATION**

Stacy L. Fuhrer 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 11th day of December, 2019

A handwritten signature in cursive script, reading "Stacy L. Fuhrer", is written over a horizontal line.

**San Diego Gas & Electric Company**

**Exhibit No. SD-0004**

**Reliability Services Filing  
Cost Statements**

**Docket No. ER20- \_\_\_\_\_ - \_\_\_\_\_**

**Exhibit No. SD-0004**  
**San Diego Gas & Electric Company**  
**2020 Reliability Service – Cost Statements**  
**Table of Contents**

**A. Statement AH – Operation and Maintenance Expense**

- Estimated RS costs forecast for 2020

**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 2020
- Monthly retail revenues using proposed rates during the rate effective period of January through December

**E. Statement BH – Revenue Data to Reflect Present Rates**

- Monthly retail revenues using the current rates during the rate effective period of January through December

**F. Statement BK**

**G. Statement BL**

- Summary of proposed retail rates for Residential Customers, Small Commercial Customers, Medium-Large Commercial Customers, Street Lighting 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 Customers, Vehicle Grid Integration Pilot Customers, Street Lighting Customers, and Standby Customers

**Statement AH**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**For Rate Effective Period January thru December 31, 2020**  
**Operating and Maintenance Expenses**  
**(\$1,000)**

Line No.	Category	Amounts	Reference	Line No.
1	Forecast Demand Costs	\$ -	Not Applicable for 2020	1
2				2
3	Forecast Energy Costs	\$ 623	Exhibit No. SDG-0002; Line 2  Line 1 + Line 3	3
4				4
5	Total	\$ 623		5

**Statement BB**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Allocation Demand and Capability Data**  
**2020 Reliability Services (RS) Filing**  
**(Information Based on Five-Year Average Recorded Data: 2013 - 2017)**

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	16,611,910	1.0467	17,388,375	43.39%	Page 2; Line 2	1
2	Small Commercial Customers	4,077,436	1.0467	4,268,021	10.65%	Page 2; Line 3	2
3	Medium-Large Commercial Customers						3
4	Secondary	11,509,993	1.0467	12,047,987	30.06%	Page 2; Line 28	4
5	Primary	3,707,366	1.0109	3,747,913	9.35%	Page 2; Line 29	5
6	Transmission	1,445,114	1.0065	1,454,507	3.63%	Page 2; Line 30	6
7	Total Medium-Large Commercial	16,662,473	1.0353	17,250,407	43.05%	Sum Lines 4; 5; 6	7
8							8
9	Agricultural						9
10	Secondary	351,102	1.0467	367,513	0.92%	Page 2; Line 5 plus Line 42	10
11	Primary	62,261	1.0109	62,942	0.16%	Page 2; Line 43	11
12	Transmission	-	1.0065	-	0.00%	Page 2; Line 44	12
13	Total Agricultural	413,363	1.0413	430,455	1.07%	Sum Lines 10; 11; 12	13
14							14
15	Street Lighting	105,366	1.0467	110,291	0.28%	Page 2; Line 7	15
16	Standby Customers						16
17	Secondary	35,194	1.0467	36,839	0.09%	Page 2; Line 34	17
18	Primary	357,700	1.0109	361,612	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	625,942	1.56%	Sum Lines 17; 18; 19	20
21							21
22	System Total	38,489,464	1.0412	40,073,490	100.00%	Sum Lines 1; 2; 7; 13; 15; 20	22

Notes:

<sup>1</sup> SDG&E Load Research Data: 2013 - 2017.

**SDG&E Load Research Data: 2013-2017**  
**Sum of 12 Coincident Peaks By Customer Class**

Line No.	Customer Class	2013	2014	2015	2016	2017	5-Year Average	Line No.
1	<b><u>KW</u></b>							1
2	Residential	16,804,031	16,393,209	16,184,649	16,414,243	17,263,418	<b>16,611,910</b>	2
3	Small Commercial	4,086,556	4,064,724	3,992,760	4,010,095	4,233,045	<b>4,077,436</b>	3
4	Med & Large Comm/Ind	16,856,833	17,772,094	18,179,541	16,995,703	16,602,775	<b>17,281,389</b>	4
5	PA	98,964	142,404	129,769	127,946	130,248	<b>125,866</b>	5
6	PAT1	371,161	266,202	253,948	270,548	275,625	<b>287,497</b>	6
7	Lighting	<u>99,724</u>	<u>114,374</u>	<u>93,945</u>	<u>109,560</u>	<u>109,229</u>	<b><u>105,366</u></b>	7
8	Total System	38,317,269	38,753,007	38,834,612	37,928,094	38,614,340	<b>38,489,464</b>	8
9								9
10								10
11								11
12	<b><u>% of Total System</u></b>							12
13	Residential	43.9%	42.3%	41.7%	43.3%	44.7%	<b>43.2%</b>	13
14	Small Commercial	10.7%	10.5%	10.3%	10.6%	11.0%	<b>10.6%</b>	14
15	Med & Large Comm/Ind	44.0%	45.9%	46.8%	44.8%	43.0%	<b>44.9%</b>	15
16	PA	0.3%	0.4%	0.3%	0.3%	0.3%	<b>0.3%</b>	16
17	PAT1	1.0%	0.7%	0.7%	0.7%	0.7%	<b>0.7%</b>	17
18	Lighting	<u>0.3%</u>	<u>0.3%</u>	<u>0.2%</u>	<u>0.3%</u>	<u>0.3%</u>	<b><u>0.3%</u></b>	18
19	Total System	100%	100%	100%	100%	100%	<b>100%</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>11,509,993</b>	28
29	Primary						<b>3,707,366</b>	29
30	Transmission						<b>1,445,114</b>	30
31	Sub-Total						<b>16,662,473</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	Sub-Total						<b>618,916</b>	37
38								38
39	<b><u>Med &amp; Large Comm/Ind Total</u></b>						<b>17,281,389</b>	39
40								40
41	<b><u>PAT1</u></b>							41
42	Secondary						<b>225,236</b>	42
43	Primary						<b>62,261</b>	43
44	Transmission							44
45	Sub-Total						<b>287,497</b>	45
46								46

**Statement BD**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Allocation Energy and Supporting Data**  
**Rate Effective Period - (January 1, 2020 - December 31, 2020)**

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-20	1,479,801	5	1,479,796	Page 3.1; Line 13	1
2	February-20	1,365,660	5	1,365,655	Page 3.1; Line 13	2
3	March-20	1,322,929	5	1,322,924	Page 3.1; Line 13	3
4	April-20	1,330,572	5	1,330,567	Page 3.1; Line 13	4
5	May-20	1,341,195	5	1,341,190	Page 3.1; Line 13	5
6	June-20	1,383,002	5	1,382,997	Page 3.1; Line 13	6
7	July-20	1,561,337	5	1,561,332	Page 3.1; Line 13	7
8	August-20	1,718,325	5	1,718,319	Page 3.1; Line 13	8
9	September-20	1,761,022	5	1,761,017	Page 3.1; Line 13	9
10	October-20	1,579,115	5	1,579,110	Page 3.1; Line 13	10
11	November-20	1,479,871	5	1,479,866	Page 3.1; Line 13	11
12	December-20	1,445,420	5	1,445,415	Page 3.1; Line 13	12
13	Sub-Total	17,768,249	61	17,768,188	Sum Lines 1 thru 12	13
14						14
15						15

**Statement BD**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Allocation Demand and Capability Data**  
**2020 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	5,716,855	1.0467	5,984,069	32.36%	1
2	Small Commercial Customers	2,176,337	1.0467	2,278,062	12.32%	2
3	Medium-Large Commercial Customers					3
4	Secondary	6,568,429	1.0467	6,875,447	37.19%	4
5	Primary	2,129,608	1.0109	2,152,899	11.64%	5
6	Transmission	774,183	1.0065	779,215	4.21%	6
7	Total Medium-Large Commercial	9,472,220		9,807,561	53.04%	7
8						8
9	Agricultural (Schedules PA, TOU-PA and PA-T-1)					9
10	Schedules PA and TOU-PA	104,431	1.0467	109,312	0.59%	10
11						11
12	Schedule PA-T-1					12
13	Secondary	166,443	1.0467	174,223	0.94%	13
14	Primary	46,101	1.0109	46,605	0.25%	14
15	Transmission	-	1.0065	-	0.00%	15
16	Total Agricultural - Schedule PA-T-1	212,544		220,828	1.19%	16
17						17
18	Street Lighting Customers	85,800	1.0467	89,811	0.49%	18
19	Standby Customers	-				19
20						20
21	Total	17,768,188		18,489,644	100.00%	21

Notes:

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



San Diego Gas & Electric														
FERC Forecast Period: January 2020 - December 2020														
Line No.	Line No.	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
1	1	<b>SDG&amp;E System Net Delivery Determinants</b>												
2	2	<b>Customer Class Net Deliveries (MWh)</b>												
3	3	552,648	459,965	428,387	383,367	377,379	391,095	485,177	573,457	600,161	503,033	454,174	507,992	5,716,855
4	4	172,218	165,812	164,838	168,555	171,948	177,184	194,444	209,615	209,673	193,110	180,046	168,894	2,176,337
5	5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	6	662,516	651,638	644,561	686,580	696,809	720,795	779,900	834,029	844,325	783,297	750,169	676,714	8,731,333
7	7	64,891	60,279	57,598	60,678	61,347	58,270	62,993	62,360	66,780	63,249	60,599	61,843	740,887
8	8	6,105	6,406	5,605	7,469	8,585	9,551	10,992	11,402	11,440	10,092	9,397	7,369	104,431
9	9	13,996	14,483	14,856	16,838	18,029	18,981	20,675	20,351	21,391	19,276	18,288	15,360	212,544
10	10	7,422	7,073	7,079	7,040	7,094	7,121	7,151	7,106	7,246	7,052	7,193	7,223	85,800
11	11	5	5	5	5	5	5	5	5	5	5	5	5	61
12	12	1,479,801	1,365,660	1,322,929	1,330,572	1,341,195	1,383,002	1,561,337	1,718,325	1,761,022	1,579,115	1,479,871	1,445,420	17,766,249
13	13	<b>Total System</b>												
14	14													
15	15													
16	16													
17	17	<b>Med. &amp; Large Comm./Ind.</b>												
18	18	<b>Rate Schedule Billing Determinants</b>												
19	19	<b>Schedule AD:</b>												
20	20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	21													
22	22	<b>Total Deliveries (%)</b>												
23	23	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%
24	24	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	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	26	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%
27	27	<b>Total Deliveries (MWh)</b>												
28	28	0	0	0	0	0	0	0	0	0	0	0	0	0
29	29	0	0	0	0	0	0	0	0	0	0	0	0	0
30	30	0	0	0	0	0	0	0	0	0	0	0	0	0
31	31	0	0	0	0	0	0	0	0	0	0	0	0	0
32	32	<b>Maximum Demand (%)</b>												
33	33	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%
34	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	35	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	36	<b>Maximum Demand (MW)</b>												
37	37	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
38	38	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
39	39	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	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	41	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
42	42													
43	43													
44	44													

San Diego Gas & Electric													
FERC Forecast Period: January 2020 - December 2020													
Line No.	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
45	<b>Schedules OL-TOU/AY-TOU/AL-TOU/DG-R:</b>												
46	662,516	651,638	644,561	686,580	696,809	720,795	779,900	834,029	844,325	783,297	750,169	676,714	8,731,333
47													
48	<b>Total Deliveries (MWh)</b>												
49	75.32%	75.32%	75.32%	75.32%	75.32%	75.12%	75.12%	75.12%	75.12%	75.12%	75.32%	75.32%	75.23%
50	23.03%	23.03%	23.03%	23.03%	23.03%	22.96%	22.96%	22.96%	22.96%	22.96%	23.03%	23.03%	23.00%
51	1.65%	1.65%	1.65%	1.65%	1.65%	1.92%	1.92%	1.92%	1.92%	1.92%	1.65%	1.65%	1.77%
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 (MW)</b>												
54	499,003	490,809	485,478	517,127	524,831	541,452	585,850	626,511	634,246	588,403	565,022	509,696	6,568,429
55	152,605	150,100	148,469	158,148	160,504	165,500	179,071	191,499	193,863	179,851	172,795	155,876	2,008,281
56	10,909	10,729	10,613	11,305	11,473	13,843	14,978	16,018	16,216	15,044	12,352	11,142	154,623
57	662,516	651,638	644,561	686,580	696,809	720,795	779,900	834,029	844,325	783,297	750,169	676,714	8,731,333
58	<b>Non-Coincident Demand (%)</b>												
59	0.2749%	0.2749%	0.2749%	0.2749%	0.2749%	0.2757%	0.2757%	0.2757%	0.2757%	0.2757%	0.2749%	0.2749%	0.2752%
60	0.2162%	0.2162%	0.2162%	0.2162%	0.2162%	0.2169%	0.2169%	0.2169%	0.2169%	0.2169%	0.2162%	0.2162%	0.2165%
61	0.2229%	0.2229%	0.2229%	0.2229%	0.2229%	0.2230%	0.2230%	0.2230%	0.2230%	0.2230%	0.2229%	0.2229%	0.2229%
62													
63	<b>Non-Coincident Demand (MW)</b>												
64	1,371,509	1,348,990	1,334,337	1,421,324	1,442,499	1,492,512	1,614,897	1,726,979	1,748,300	1,621,932	1,552,962	1,400,900	18,077,140
65	329,994	324,575	321,050	341,960	347,074	358,963	388,387	415,343	420,470	390,079	373,653	337,065	4,348,621
66	24,313	23,914	23,654	25,196	25,572	30,866	33,397	35,715	36,156	33,543	27,530	24,834	344,691
67	1,725,815	1,697,479	1,679,042	1,788,500	1,815,145	1,882,331	2,036,681	2,178,037	2,204,926	2,045,554	1,954,144	1,762,799	22,770,452
68	<b>On-Peak Demand-Standard Customers (%)</b>												
69	0.2490%	0.2490%	0.2490%	0.2490%	0.2490%	0.2506%	0.2506%	0.2506%	0.2506%	0.2506%	0.2490%	0.2490%	0.2497%
70	0.2196%	0.2196%	0.2196%	0.2196%	0.2196%	0.2142%	0.2142%	0.2142%	0.2142%	0.2142%	0.2196%	0.2196%	0.2172%
71	0.3883%	0.3883%	0.3883%	0.3883%	0.3883%	0.3986%	0.3986%	0.3986%	0.3986%	0.3986%	0.3883%	0.3883%	0.3833%
72													
73	<b>On-Peak Demand-Standard Customers (MW)</b>												
74	1,242,716	1,222,312	1,209,035	1,287,854	1,307,040	1,356,716	1,467,966	1,569,850	1,589,231	1,474,361	1,407,130	1,269,347	16,403,556
75	335,106	329,604	326,024	347,278	352,451	354,517	383,587	410,210	415,275	385,259	379,441	342,287	4,361,039
76	42,358	41,663	41,210	43,897	44,551	55,172	59,697	63,840	64,628	59,957	47,962	43,266	608,199
77	1,620,180	1,593,578	1,576,269	1,679,028	1,704,042	1,766,405	1,911,250	2,043,900	2,069,133	1,919,576	1,834,533	1,654,900	21,372,795
78													
79	<b>On-Peak Demand-Grandfathered Customers (%)</b>												
80	0.2327%	0.2327%	0.2327%	0.2327%	0.2327%	0.2664%	0.2664%	0.2664%	0.2664%	0.2664%	0.2327%	0.2327%	0.2480%
81	0.2102%	0.2102%	0.2102%	0.2102%	0.2102%	0.2248%	0.2248%	0.2248%	0.2248%	0.2248%	0.2102%	0.2102%	0.2168%
82	0.3661%	0.3661%	0.3661%	0.3661%	0.3661%	0.4015%	0.4015%	0.4015%	0.4015%	0.4015%	0.3661%	0.3661%	0.3635%
83													
84	<b>On-Peak Demand-Grandfathered Customers (MW)</b>												
85	1,161,279	1,142,212	1,129,805	1,203,458	1,221,387	1,442,590	1,560,881	1,669,215	1,689,822	1,567,682	1,314,918	1,186,165	16,289,414
86	320,776	315,509	312,082	332,427	337,380	372,093	402,605	430,548	435,863	404,359	363,216	327,650	4,354,509
87	39,934	39,279	38,852	41,365	42,001	55,584	60,141	64,316	65,110	60,403	45,218	40,790	593,012
88	1,521,989	1,496,999	1,480,740	1,577,271	1,600,769	1,870,267	2,023,628	2,164,078	2,190,795	2,032,444	1,723,352	1,554,605	21,236,935
89													
90	<b>Total Deliveries (MWh)</b>												
91													

San Diego Gas & Electric													Line
FERC Forecast Period: January 2020 - December 2020													No.
	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
<b>Schedule A6-TOU:</b>													
<b>Total Deliveries (MWh)</b>													
92	64,891	60,279	57,598	60,678	61,347	58,270	62,993	62,360	66,780	63,249	60,599	61,843	740,887
93													
94													
<b>Total Deliveries (%)</b>													
95	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%
96	16.34%	16.34%	16.34%	16.34%	16.34%	16.34%	16.43%	16.43%	16.43%	16.43%	16.34%	16.34%	16.38%
97	83.66%	83.66%	83.66%	83.66%	83.66%	83.57%	83.57%	83.57%	83.57%	83.57%	83.66%	83.66%	83.62%
98	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	99
99													
100	0	0	0	0	0	0	0	0	0	0	0	0	100
101	10.601	9.848	9.410	9.913	10.022	9.573	10.349	10.245	10.972	10.392	9.900	10.103	121,327
102	54,290	50,432	48,189	50,765	51,325	48,696	52,643	52,115	55,809	52,858	50,699	51,740	619,560
103	64,891	60,279	57,598	60,678	61,347	58,270	62,993	62,360	66,780	63,249	60,599	61,843	740,887
104													
<b>Non-Coincident Demand (%)</b>													
105	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%
106	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%
107	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%
108													
109													
<b>Non-Coincident Demand (MW)</b>													
110	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
111	19,357	17,982	17,182	18,101	18,300	17,424	18,836	18,647	19,968	18,913	18,077	18,448	221,233
112	92,842	86,243	82,407	86,814	87,771	83,276	90,025	89,121	95,438	90,392	86,700	88,480	1,059,510
113	112,199	104,225	99,589	104,915	106,071	100,699	108,861	107,768	115,407	109,305	104,777	106,928	1,280,744
114													
<b>Coincident Peak Demand-Standard Customers (%)</b>													
115	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%
116	0.1384%	0.1384%	0.1384%	0.1384%	0.1384%	0.1194%	0.1194%	0.1194%	0.1194%	0.1194%	0.1384%	0.1384%	0.1304%
117	0.1403%	0.1403%	0.1403%	0.1403%	0.1403%	0.1479%	0.1479%	0.1479%	0.1479%	0.1479%	0.1403%	0.1403%	0.1435%
118													
119													
<b>Coincident Peak Demand-Standard Customers (MW)</b>													
120	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
121	14,674	13,631	13,025	13,721	13,872	11,435	12,361	12,237	13,105	12,412	13,703	13,984	158,160
122	76,185	70,771	67,623	71,239	72,025	72,027	77,865	77,083	82,546	78,182	71,146	72,606	889,298
123	90,859	84,402	80,648	84,960	85,897	83,461	90,226	89,320	95,651	90,594	84,849	86,591	1,047,458
124													
125													
<b>Coincident Peak Demand-Grandfathered Customers (%)</b>													
126	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%
127	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%
128	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%
129													
130													
<b>Coincident Peak Demand-Grandfathered Customers (MW)</b>													
131	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
132	14,681	13,638	13,031	13,728	13,879	11,508	12,441	12,316	13,189	12,492	13,710	13,992	158,605
133	76,066	70,660	67,517	71,127	71,912	72,894	78,802	78,010	83,540	79,123	71,034	72,492	893,177
134	90,747	84,298	80,548	84,856	85,791	84,402	91,243	90,326	96,729	91,614	84,744	86,484	1,051,783
135													
136													
137													

San Diego Gas & Electric FERC Forecast Period: January 2020 - December 2020													Line No.	
Schedule PA-T-1:														
	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total	
138	Total Deliveries (MWh)													138
139	13,996	14,483	14,856	16,838	18,029	18,981	20,675	20,351	21,391	19,276	18,288	15,380	212,544	
140														140
141	Total Deliveries (%)													141
142	76.49%	76.49%	76.49%	76.49%	76.49%	80.33%	80.33%	80.33%	80.33%	80.33%	76.49%	76.49%	78.31%	
143	23.51%	23.51%	23.51%	23.51%	23.51%	19.67%	19.67%	19.67%	19.67%	19.67%	23.51%	23.51%	21.69%	
144	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%	
145	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%	
146	Total Deliveries (MWh)													146
147	10,706	11,078	11,363	12,880	13,791	15,247	16,608	16,348	17,183	15,484	13,989	11,765	166,443	
148	3,290	3,404	3,492	3,958	4,238	3,734	4,067	4,003	4,208	3,792	4,299	3,615	46,101	
149	0	0	0	0	0	0	0	0	0	0	0	0	0	
150	13,996	14,483	14,856	16,838	18,029	18,981	20,675	20,351	21,391	19,276	18,288	15,380	212,544	
151	Non-Coincident Demand (%)													151
152	0.4071%	0.4071%	0.4071%	0.4071%	0.4071%	0.4072%	0.4072%	0.4072%	0.4072%	0.4072%	0.4071%	0.4071%	0.4071%	
153	0.3999%	0.3999%	0.3999%	0.3999%	0.3999%	0.3968%	0.3968%	0.3968%	0.3968%	0.3968%	0.3999%	0.3999%	0.3986%	
154	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%	
155	Non-Coincident Demand (MW)													155
156	43,583	45,098	46,260	52,434	56,142	62,089	67,630	66,569	69,971	63,053	56,949	47,894	677,670	
157	13,157	13,614	13,965	15,829	16,948	14,815	16,137	15,884	16,695	15,045	17,192	14,458	183,739	
158	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	
159	56,739	58,713	60,224	68,263	73,090	76,904	83,766	82,453	86,666	78,098	74,141	62,352	861,409	
160														160
161														161
162														162
163														163
164	Schedule S: Standby Determinants:													164
165	Contracted Standby Demand (MW)													165
166	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	103.800	
167	95.243	95.243	95.243	95.243	95.243	95.243	95.243	95.243	95.243	95.243	95.243	95.243	1,142.916	
168	56.366	56.366	56.366	56.366	56.366	56.366	56.366	56.366	56.366	56.366	56.366	56.366	676.392	
169	160.259	160.259	160.259	160.259	160.259	160.259	160.259	160.259	160.259	160.259	160.259	160.259	1,923.108	
170														170

Statement BG  
 SAN DIEGO GAS & ELECTRIC COMPANY  
 2020 Reliability Service (RS) Filing  
 Comparison of RS Revenues During Rate Effective Period @ Forecast Billing Determinants  
 (\$000)

Line No.	Customer Classes	(a) 2020 RS Revenue <sup>1</sup> @ Proposed Rates	(b) 2020 RS Revenue @ Present Rates	(c) = (a) - (b) (\$) Change	(d) = (c)/(b) (%) Change	Reference	Line No.
1	Residential Customers	\$ 229	\$ -	\$ 229	0.00%	(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)	87	22	65	300.00%	(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)	379	189	189	100.00%	(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-PA-3 and PA-T-1)	2	1	1	100.00%	(a) Statement BG, Page 5, Line 11, Col. M / 1000	7
8						(b) Statement BH, Page 4, Line 11, Col. M / 1000	8
9	Schedules TOU-PA, TOU-PA2, and TOU-PA3	6	2	4	200.00%	(a) Statement BG, Page 5, Line 16, Col. M / 1000	9
10	Schedule PA-T-1	3	1	3	300.00%	(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	-	-	-	0.00%	(b) Statement BH, Page 4, Line 18, Col. M / 1000	12
13	Standby Customers	-	-	-	0.00%	(a) Statement BG, Page 5, Line 20, Col. M / 1000	13
14						(b) Statement BH, Page 4, Line 20, Col. M / 1000	14
15	Grand Total	\$ 707	\$ 215	\$ 491	228.25%	Sum Lines 1 through 15	15
16							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 (RS) Revenue Data to Reflect Changed Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2020

Line No.	Customer Classes	(A) Jan-20		(B) Feb-20		(C) Mar-20		(D) Apr-20		(E) May-20		(F) Jun-20		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	552,647,692		459,964,859		428,387,225		383,387,071		377,378,535		391,095,458		1
2														2
3	Small Commercial	172,217,795		165,811,676		164,838,059		168,554,774		171,948,399		177,183,923		3
4														4
5	Medium-Large Commercial/Industrial	727,407,593	1,838,014	711,917,545	1,801,704	702,158,824	1,778,631	747,258,303	1,893,415	758,155,802	1,921,216	779,064,639	1,983,030	5
6														6
7	Agricultural													7
8	Schedules PA and TOU-PA	6,104,669		6,405,578		5,604,514		7,488,596		8,584,857		9,551,016		8
9	Schedule PA-T-1	13,995,920	56,739	14,482,700	58,713	14,855,578	60,224	16,838,402	68,263	18,029,099	73,090	18,981,203	76,904	9
10														10
11	Street Lighting	7,422,195		7,072,619		7,079,413		7,039,927		7,093,700		7,121,045		11
12														12
13	Standby Customers		160,259		160,259		160,259		160,259		160,259		160,259	13
14														14
15	TOTAL	1,479,795,864	2,055,013	1,365,654,977	2,020,675	1,322,923,613	1,999,114	1,330,567,073	2,121,936	1,341,190,392	2,154,565	1,382,997,284	2,220,192	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, 2020

Line No.	Customer Classes	(G) Jul-20		(H) Aug-20		(I) Sep-20		(J) Oct-20		(K) Nov-20		(L) Dec-20	
		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	485,177,377		573,456,724		600,160,895		503,033,323		454,174,386		507,991,586	
2													
3	Small Commercial	194,444,249		209,615,190		209,673,363		193,109,909		180,046,053		168,893,522	
4													
5	Medium-Large Commercial/Industrial	842,892,415	2,145,542	896,388,711	2,285,805	911,105,574	2,320,333	846,546,629	2,154,858	810,767,372	2,058,922	738,556,545	1,869,727
6													
7	Agricultural												
8	Schedules PA and TOU-PA	10,991,614		11,402,173		11,439,783		10,091,873		9,397,121		7,369,122	
9	Schedule PA-T-1	20,675,050		20,350,882	82,453	21,390,790	86,666	19,276,028	78,098	18,288,347	74,141	15,380,364	62,352
10													
11	Street Lighting	7,150,862		7,105,747		7,246,471		7,052,376		7,192,692		7,223,380	
12													
13	Standby Customers		160,259		160,259		160,259		160,259		160,259		160,259
14													
15	TOTAL	1,561,331,567	2,389,567	1,718,319,427	2,528,517	1,761,016,876	2,567,258	1,579,110,138	2,393,215	1,479,865,971	2,293,321	1,445,414,519	2,092,338

Notes:

<sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2020.

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, 2020

Line No.	Customer Classes	(M)		Line No.
		12 Months to Date		
		Energy (kWh)	Demand (kW)	
1	Residential Customers	5,716,855,131	-	1
2				2
3	Small Commercial	2,176,336,912	-	3
4				4
5	Medium-Large Commercial/Industrial	9,472,219,952	24,051,196	5
6				6
7	Agricultural			7
8	Schedules TOU-PA, TOU-PA2, and TOU-PA3	104,430,916		8
9	Schedule PA-T-1	212,544,363	861,409	9
10				10
11	Street Lighting	85,800,427	-	11
12				12
13	Standby Customers	-	1,923,108	13
14				14
15	TOTAL	17,768,187,701	26,835,713	15

Notes:

<sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2020.



Statement BG

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service Revenue Data To Reflect Changed Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2020

Line No.	Customer Class	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	Line No.
		Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total	
1	Residential Customers	\$ 22,106	\$ 18,399	\$ 17,135	\$ 15,335	\$ 15,095	\$ 15,644	\$ 19,407	\$ 22,938	\$ 24,006	\$ 20,121	\$ 18,167	\$ 20,320	\$ 228,674	1
2															2
3	Small Commercial	6,889	6,632	6,594	6,742	6,878	7,087	7,778	8,385	8,387	7,724	7,202	6,756	87,053	3
4															4
5	Medium-Large Commercial/Industrial	29,096	28,477	28,086	29,890	30,326	31,163	33,716	35,856	36,444	33,862	32,431	29,542	378,889	5
6	Energy Revenues														6
7	Demand Revenues														7
8	Total	29,096	28,477	28,086	29,890	30,326	31,163	33,716	35,856	36,444	33,862	32,431	29,542	378,889	8
9															9
10	Agricultural	122	128	112	150	172	191	220	228	229	202	188	147	2,089	10
11	Schedules TOU-PA, TOU-PA2, TOU-PA3														11
12															12
13	Schedule PA-T-1	420	434	446	505	541	569	620	611	642	578	549	461	6,376	13
14	Energy Revenues														14
15	Demand Revenues														15
16	Total	420	434	446	505	541	569	620	611	642	578	549	461	6,376	16
17															17
18	Street Lighting	297	283	283	282	284	285	286	284	290	282	288	289	3,432	18
19															19
20	Standby Revenues														20
21															21
22	TOTAL	\$ 58,930	\$ 54,353	\$ 52,656	\$ 52,905	\$ 53,296	\$ 54,939	\$ 62,027	\$ 68,301	\$ 69,998	\$ 62,770	\$ 58,824	\$ 57,515	\$ 706,513	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, 2020

Line No.	Customer Classes	(A) Jan-20		(B) Feb-20		(C) Mar-20		(D) Apr-20		(E) May-20		(F) Jun-20		(M) Reference
		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	552,647,692	-	459,964,859	-	428,387,225	-	383,387,071	-	377,378,535	-	391,095,458	-	Statement BG, Page 2, Line 1
2	Small Commercial	172,217,795	-	165,811,676	-	164,838,059	-	168,554,774	-	171,948,399	-	177,183,923	-	Statement BG, Page 2, Line 3
3	Medium-Large Commercial/Industrial	727,407,593	1,838,014	711,917,545	1,801,704	702,158,824	1,778,631	747,258,303	1,893,415	758,155,802	1,921,216	779,064,639	1,983,030	Statement BG, Page 2, Line 5
4	Agricultural	6,104,669	56,739	6,405,578	58,713	14,858,578	60,224	7,488,596	68,263	8,584,857	73,090	9,551,016	76,904	Statement BG, Page 2, Line 8
5	Schedules TOU-PA, TOU-PA.2, TC Schedule PA-T-1	13,995,920	56,739	14,482,700	58,713	14,858,578	60,224	16,838,402	68,263	18,029,099	73,090	18,981,203	76,904	Statement BG, Page 2, Line 9
6	Street Lighting	7,422,195	-	7,072,619	-	7,079,413	-	7,039,927	-	7,093,700	-	7,121,045	-	Statement BG, Page 2, Line 11
7	Standby Customers	-	160,259	-	160,259	-	160,259	-	160,259	-	160,259	-	160,259	Statement BG, Page 2, Line 13
8	TOTAL	1,479,795,864	2,065,013	1,365,654,977	2,020,675	1,322,923,613	1,999,114	1,330,567,073	2,121,936	1,341,190,392	2,154,565	1,382,997,284	2,220,192	Sum Lines 1, 3, 5, 8, 9, 11 & 13

Line No.	Customer Classes	(A) Jan-20		(B) Feb-20		(C) Mar-20		(D) Apr-20		(E) May-20		(F) Jun-20		(M) Reference
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
16	Residential Customers	\$ 0.00004		\$ 0.00004		\$ 0.00004		\$ 0.00004		\$ 0.00004		\$ 0.00004		Statement BL, Page 1, Line 1, Col. A
17	Small Commercial	\$ 0.00004		\$ 0.00004		\$ 0.00004		\$ 0.00004		\$ 0.00004		\$ 0.00004		Statement BL, Page 1, Line 3, Col. A
18	Medium-Large Commercial/Industrial	\$ 0.00004		\$ 0.00004		\$ 0.00004		\$ 0.00004		\$ 0.00004		\$ 0.00004		Statement BL, Page 1, Line 5, Col. A
19	Agricultural	\$ 0.00002		\$ 0.00002		\$ 0.00002		\$ 0.00002		\$ 0.00002		\$ 0.00002		Statement BL, Page 1, Line 9, Col. A
20	Schedules TOU-PA, TOU-PA.2, TC Schedule PA-T-1	\$ 0.00003		\$ 0.00003		\$ 0.00003		\$ 0.00003		\$ 0.00003		\$ 0.00003		Statement BL, Page 1, Line 10, Col. A
21	Street Lighting	\$ 0.00004		\$ 0.00004		\$ 0.00004		\$ 0.00004		\$ 0.00004		\$ 0.00004		Statement BL, Page 1, Line 12, Col. A
22	Standby Customers													
23	TOTAL													
24	Grand Total													

Line No.	Customer Classes	(A) Jan-20		(B) Feb-20		(C) Mar-20		(D) Apr-20		(E) May-20		(F) Jun-20		(M) Reference
		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	\$ 22,106		\$ 18,399		\$ 17,135		\$ 15,335		\$ 15,095		\$ 15,644		Line 1 x Line 16
30	Small Commercial	\$ 6,889		\$ 6,632		\$ 6,594		\$ 6,742		\$ 6,878		\$ 7,087		Line 3 x Line 18
31	Medium-Large Commercial/Industrial	\$ 29,096		\$ 28,477		\$ 28,086		\$ 29,890		\$ 30,326		\$ 31,163		Statement BG, Page 8, Lines 4 & 23
32	Agricultural	\$ 122		\$ 128		\$ 112		\$ 150		\$ 172		\$ 191		Line 8 x Line 23
33	Schedules TOU-PA, TOU-PA.2, TC Schedule PA-T-1	\$ 420		\$ 434		\$ 446		\$ 505		\$ 541		\$ 569		Statement BG, Page 9, Lines 4 & 23
34	Street Lighting	\$ 297		\$ 283		\$ 283		\$ 282		\$ 284		\$ 285		Line 11 x Line 26
35	Standby Customers	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		Statement BG, Page 10, Line 20
36	TOTAL	\$ 58,930		\$ 54,353		\$ 52,656		\$ 52,905		\$ 53,296		\$ 54,939		Sum Lines 29, 31, 33, 36, 37, 39 & 41
37	Grand Total	\$ 58,930		\$ 54,353		\$ 52,656		\$ 52,905		\$ 53,296		\$ 54,939		

Statement BG  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service Revenue Data To Reflect Changed Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2020

Line No.	Customer Classes	(G) Jul-20		(H) Aug-20		(I) Sep-20		(J) Oct-20		(K) Nov-20		(L) Dec-20		(M) Reference
		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	485,177,377	-	573,456,724	-	600,160,895	-	503,033,323	-	454,174,386	-	507,991,886	-	Statement BG, Page 3, Line 1
2	Small Commercial	194,444,249	-	209,615,190	-	209,673,363	-	193,109,909	-	180,046,053	-	168,893,522	-	Statement BG, Page 3, Line 3
3	Medium-Large Commercial/Industrial	842,892,415	2,145,542	896,388,711	2,285,805	911,105,574	2,320,333	846,546,629	2,154,858	810,767,372	2,058,922	738,556,545	1,869,727	Statement BG, Page 3, Line 5
4	Agricultural Schedules TOU-PA, TOU-PA2, TOU-PA-T-1	10,991,614	83,766	11,402,173	82,453	11,439,783	86,666	10,091,873	78,098	9,397,121	74,141	7,369,122	62,352	Statement BG, Page 3, Line 8
5	Street Lighting	7,150,862	-	7,105,747	-	7,246,471	-	7,052,376	-	7,192,692	-	7,223,380	-	Statement BG, Page 3, Line 11
6	Standby Customers	-	160,259	-	160,259	-	160,259	-	160,259	-	160,259	-	160,259	Statement BG, Page 3, Line 13
7	TOTAL	1,561,331,567	2,389,567	1,718,319,427	2,528,517	1,761,016,876	2,567,258	1,579,110,138	2,393,215	1,479,865,971	2,293,321	1,445,414,519	2,092,338	Sum Lines 1, 3, 5, 8, 9, 11 & 13

Line No.	Customer Classes	(G) Jul-20		(H) Aug-20		(I) Sep-20		(J) Oct-20		(K) Nov-20		(L) Dec-20		(M) Reference
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	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	Statement BL, Page 1, Line 1, Col. A
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	Statement BL, Page 1, Line 3, Col. A
18	Medium-Large Commercial/Industrial	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	Statement BL, Page 1, Line 5, Col. A
19	Agricultural Schedules TOU-PA, TOU-PA2, TOU-PA-T-1	\$ 0.00002	\$ 0.00003	\$ 0.00002	\$ 0.00003	\$ 0.00002	\$ 0.00003	\$ 0.00002	\$ 0.00003	\$ 0.00002	\$ 0.00003	\$ 0.00002	\$ 0.00003	Statement BL, Page 1, Line 9, Col. A
20	Street Lighting	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	Statement BL, Page 1, Line 10, Col. A
21	Standby 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	Statement BL, Page 1, Line 12, Col. A
22	TOTAL	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	Sum Lines 16, 17, 18, 19, 20, 21, 22

Line No.	Customer Classes	(G) Jul-20		(H) Aug-20		(I) Sep-20		(J) Oct-20		(K) Nov-20		(L) Dec-20		(M) Reference
		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	\$ 19,407	\$ 22,938	\$ 22,938	\$ 24,006	\$ 24,006	\$ 20,121	\$ 18,167	\$ 20,320	\$ 18,167	\$ 20,320	\$ 20,320	\$ 18,167	Line 1 x Line 16
30	Small Commercial	\$ 7,778	\$ 8,385	\$ 8,385	\$ 8,387	\$ 8,387	\$ 7,724	\$ 7,202	\$ 6,756	\$ 7,202	\$ 6,756	\$ 6,756	\$ 7,202	Line 3 x Line 18
31	Medium-Large Commercial/Industrial	\$ 33,716	\$ 35,856	\$ 35,856	\$ 36,444	\$ 36,444	\$ 33,862	\$ 32,431	\$ 29,542	\$ 32,431	\$ 29,542	\$ 29,542	\$ 32,431	Statement BG, Page 8, Lines 4 & 23
32	Agricultural Schedules TOU-PA, TOU-PA2, TOU-PA-T-1	\$ 220	\$ 228	\$ 228	\$ 229	\$ 229	\$ 202	\$ 188	\$ 147	\$ 188	\$ 147	\$ 147	\$ 188	Line 8 x Line 23
33	Street Lighting	\$ 286	\$ 284	\$ 284	\$ 290	\$ 290	\$ 282	\$ 288	\$ 289	\$ 288	\$ 289	\$ 289	\$ 288	Statement BG, Page 9, Lines 4 & 23
34	Standby Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 11 x Line 26
35	TOTAL	\$ 62,027	\$ 68,301	\$ 68,301	\$ 69,998	\$ 69,998	\$ 62,770	\$ 58,824	\$ 57,515	\$ 58,824	\$ 57,515	\$ 57,515	\$ 58,824	Statement BG, Page 10, Line 20
36	Grand Total	\$ 62,027	\$ 62,027	\$ 62,027	\$ 69,998	\$ 69,998	\$ 62,770	\$ 58,824	\$ 57,515	\$ 58,824	\$ 57,515	\$ 57,515	\$ 58,824	Sum Lines 29, 31, 33, 36, 37, 39 & 41

Statement - BG

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service Revenue Data to Reflect Changed Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2020  
 Medium-Large Commercial/Industrial Customers

Line No.	Description	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total	Reference	Line No.
1	Energy Revenues															
2	Commodity Sales - kWh	727,407,593	711,917,545	702,158,824	747,258,303	758,155,802	779,064,639	842,892,415	896,388,711	911,105,574	846,546,629	810,767,372	738,556,545	9,472,219,952	Statement BG, Pages 2 & 3, Line 5	1
3	Commodity Rate - \$/KWh	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	Statement BL, Page 1, Line 5, Col. A	2
4	Total Commodity Revenues	29,096	28,477	28,086	29,890	30,326	31,163	33,716	35,856	36,444	33,862	32,431	29,542	378,889	Line 2 x Line 3	3
5																4
6	Non-Coincident Demand - (KW)															5
7	Secondary	1,371,509	1,348,990	1,334,337	1,421,324	1,442,499	1,492,512	1,614,897	1,726,979	1,748,300	1,621,932	1,552,962	1,400,900	18,077,140	Statement BG, Page 12, Line 122 x 1000	6
8	Primary	349,351	342,557	338,232	360,080	365,374	376,376	407,222	433,989	440,439	408,991	391,729	355,513	4,569,855	Statement BG, Page 12, Line 123 x 1000	7
9	Transmission	117,155	110,157	106,062	112,010	113,343	114,142	123,423	124,837	131,595	123,935	114,230	113,314	1,404,201	Statement BG, Page 12, Line 124 x 1000	8
10	Total	1,838,014	1,801,704	1,778,631	1,893,415	1,921,216	1,983,030	2,145,542	2,285,805	2,320,333	2,154,858	2,058,922	1,869,727	24,051,196	Sum Lines 7, 8, 9	9
11	Check Figure	1,838,014	1,801,704	1,778,631	1,893,415	1,921,216	1,983,030	2,145,542	2,285,805	2,320,333	2,154,858	2,058,922	1,869,727	24,051,196		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 5, Col. D	14
16	Primary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 5, Col. C	15
17	Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 5, 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	\$ 29,096	\$ 28,477	\$ 28,086	\$ 29,890	\$ 30,326	\$ 31,163	\$ 33,716	\$ 35,856	\$ 36,444	\$ 33,862	\$ 32,431	\$ 29,542	\$ 378,889	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, 2020  
 Schedule PA-T-1 Customers

Line No.	Description	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total	Reference
1	Energy Revenue:														
2	Commodity Sales - kWf	13,995,920	14,482,700	14,855,578	16,838,402	18,029,099	18,981,203	20,675,050	20,350,882	21,390,790	19,276,028	18,288,347	15,380,364	212,544,363	Statement BG, Pages 2 & 3, Line 9
3	Commodity Rate - \$/kWh	0.00003 \$	0.00003 \$	0.00003 \$	0.00003 \$	0.00003 \$	0.00003 \$	0.00003 \$	0.00003 \$	0.00003 \$	0.00003 \$	0.00003 \$	0.00003 \$	0.00003 \$	Statement BL, Page 1, Line 10, Col. A
4	Total Commodity Revenues	420	434	446	505	541	569	620	611	642	578	549	461	6,376	Line 2 x Line 3
5															
6	Non-Coincident Demand - (KW)														
7	Secondary	43,583	45,098	46,260	52,434	56,142	62,089	67,630	66,569	69,971	63,053	56,949	47,894	677,670	Statement BG, Page 12, Line 148 x 1000
8	Primary	13,157	13,614	13,965	15,829	16,948	14,815	16,137	15,884	16,695	15,045	17,192	14,458	183,739	Statement BG, Page 12, Line 149 x 1000
9	Transmission														Statement BG, Page 12, Line 150 x 1000
10	Total	56,739	58,713	60,224	68,263	73,090	76,904	83,766	82,453	86,666	78,098	74,141	62,352	861,409	Sum Lines 7, 8, 9
11	Check Figure	56,739	58,713	60,224	68,263	73,090	76,904	83,766	82,453	86,666	78,098	74,141	62,352	861,409	
12	Difference	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 10 Less Line 11
13															
14	Non-Coincident Demand Rates Per (\$/KW)														
15	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 10, Col. D
16	Primary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 10, Col. C
17	Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL, Page 1, Line 10, 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	\$ 420	\$ 434	\$ 446	\$ 505	\$ 541	\$ 569	\$ 620	\$ 611	\$ 642	\$ 578	\$ 549	\$ 461	\$ 6,376	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, 2020  
 Standby Customers

Line No.	Description	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total	Reference	Line No.
1	Demand - Billing Determinants (KW):															
2	Secondary	8,650	8,650	8,650	8,650	8,650	8,650	8,650	8,650	8,650	8,650	8,650	8,650	103,800	Statement BG, Page 12, Line 157 x 1000	1
3	Primary	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	1,142,916	Statement BG, Page 12, Line 158 x 1000	2
4	Transmission	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	676,392	Statement BG, Page 12, Line 159 x 1000	3
5	Total	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	1,923,108	Sum Lines 2; 3; 4	4
6	Check Figure	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	1,923,108		5
7	Difference	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 5 Less Line 6	6
8																7
9	Demand Rates Per (\$/KW):															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	Revenues at Changed Rates:															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, 2020  
 City of Escondido - Wholesale Customer

Line No.	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	Line No.
	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total	Reference	
1	5,325	5,023	5,047	5,030	5,078	5,102	5,126	5,078	5,189	5,030	5,126	5,150	61,304	Statement BG, Page 12, Line 11 x 1000	1
2	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	Statement BL, Page 1, Line 16, Col. A	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	Line 2 x Line 3	3
4	0	0	0	0	0	0	0	0	0	0	0	0	0		4

San Diego Gas & Electric FERC Forecast Period: January 2020 - December 2020													
Line No.	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
1	SDG&E- System Net Delivery Determinants												
2													
3	Customer Class Net Deliveries (MWh)												
4	552,648	459,965	428,387	383,387	377,379	391,095	485,177	573,457	600,161	503,033	454,174	507,992	5,716,855
5	172,218	165,812	164,838	168,555	171,948	177,184	194,444	209,615	209,673	193,110	180,046	168,894	2,176,337
6	662,516	651,638	644,561	686,580	696,809	720,795	779,900	834,029	844,325	783,297	750,169	676,714	8,731,333
7	64,891	60,279	57,598	60,678	61,347	58,270	62,993	62,360	66,780	63,249	60,599	61,843	740,887
8	6,105	6,406	5,605	7,489	8,585	9,551	10,992	11,402	11,440	10,092	9,397	7,369	104,431
9	13,996	14,483	14,856	16,838	18,029	18,981	20,675	20,351	21,391	19,276	18,288	15,380	212,544
10	7,422	7,073	7,079	7,040	7,094	7,121	7,151	7,106	7,246	7,052	7,193	7,223	85,800
11	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
12	1,479,801	1,365,660	1,322,929	1,330,572	1,341,195	1,383,002	1,561,337	1,718,325	1,761,022	1,579,115	1,479,871	1,445,420	17,768,249
13													
14													
15													



San Diego Gas & Electric														
FERC Forecast Period: January 2020 - December 2020														
Line No.	Line No.	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
16		662.516	651.638	644.561	686.580	696.809	720.795	779.900	834.029	844.325	783.297	750.169	676.714	8,731.333
17	Schedules OL-TOU/AL-TOU/DG-R:													
18	Total Deliveries (MWh)													
19	Total Deliveries (%)													
20	% @ Secondary Service	75.32%	75.32%	75.32%	75.32%	75.32%	75.12%	75.12%	75.12%	75.12%	75.12%	75.32%	75.32%	75.23%
21	% @ Primary Service	23.03%	23.03%	23.03%	23.03%	23.03%	22.96%	22.96%	22.96%	22.96%	22.96%	23.03%	23.03%	23.00%
22	% @ Transmission Service	1.65%	1.65%	1.65%	1.65%	1.65%	1.92%	1.92%	1.92%	1.92%	1.92%	1.65%	1.65%	1.77%
23		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%
24	Total Deliveries (MWh)													
25	MWh @ Secondary Service	499.003	490.809	485.478	517.127	524.831	541.452	585.850	626.511	634.246	588.403	585.022	509.696	6,568.429
26	MWh @ Primary Service	152.605	150.100	148.469	158.148	160.504	165.500	179.071	191.499	193.863	179.851	172.795	155.876	2,008.281
27	MWh @ Transmission Service	10.909	10.729	10.613	11.305	11.473	13.843	14.978	16.018	16.216	15.044	12.352	11.142	154.623
28		662.516	651.638	644.561	686.580	696.809	720.795	779.900	834.029	844.325	783.297	750.169	676.714	8,731.333
29	Non-Coincident Demand (%)													
30	% @ Secondary Service	0.2749%	0.2749%	0.2749%	0.2749%	0.2749%	0.2757%	0.2757%	0.2757%	0.2757%	0.2757%	0.2749%	0.2749%	0.2752%
31	% @ Primary Service	0.2162%	0.2162%	0.2162%	0.2162%	0.2162%	0.2169%	0.2169%	0.2169%	0.2169%	0.2169%	0.2162%	0.2162%	0.2165%
32	% @ Transmission Service	0.2229%	0.2229%	0.2229%	0.2229%	0.2229%	0.2230%	0.2230%	0.2230%	0.2230%	0.2230%	0.2229%	0.2229%	0.2229%
33														
34	Non-Coincident Demand (MW)													
35	MW @ Secondary Service	1,371.509	1,348.990	1,334.337	1,421.324	1,442.499	1,492.512	1,614.897	1,726.979	1,748.300	1,621.932	1,552.962	1,400.900	18,077.140
36	MW @ Primary Service	329.994	324.575	321.050	341.980	347.074	358.953	388.387	415.343	420.470	390.079	373.653	337.065	4,348.621
37	MW @ Transmission Service	24.313	23.914	23.654	25.196	25.572	30.866	33.397	35.715	36.156	33.543	27.530	24.834	344.691
38		1,725.815	1,697.479	1,679.042	1,788.500	1,815.145	1,882.331	2,036.681	2,178.037	2,204.926	2,045.554	1,954.144	1,762.799	22,770.452
39	On-Peak Demand-Standard Customers (%)													
40	% @ Secondary Service	0.2490%	0.2490%	0.2490%	0.2490%	0.2490%	0.2506%	0.2506%	0.2506%	0.2506%	0.2506%	0.2490%	0.2490%	0.2497%
41	% @ Primary Service	0.2196%	0.2196%	0.2196%	0.2196%	0.2196%	0.2142%	0.2142%	0.2142%	0.2142%	0.2142%	0.2196%	0.2196%	0.2172%
42	% @ Transmission Service	0.3883%	0.3883%	0.3883%	0.3883%	0.3883%	0.3986%	0.3986%	0.3986%	0.3986%	0.3986%	0.3883%	0.3883%	0.3933%
43														
44	On-Peak Demand-Standard Customers (MW)													
45	MW @ Secondary Service	1,242.716	1,222.312	1,209.035	1,287.854	1,307.040	1,356.716	1,467.966	1,569.850	1,589.231	1,474.361	1,407.130	1,269.347	16,403.556
46	MW @ Primary Service	335.106	329.604	326.024	347.278	352.451	354.517	383.587	410.210	415.275	385.259	379.441	342.287	4,361.039
47	MW @ Transmission Service	42.388	41.663	41.210	43.897	44.551	55.172	59.697	63.840	64.628	59.957	47.962	43.266	608.199
48		1,620.180	1,593.578	1,576.269	1,679.028	1,704.042	1,766.405	1,911.250	2,043.900	2,069.133	1,919.576	1,834.533	1,654.900	21,372.795
49	On-Peak Demand-Grandfathered Customers (%)													
50	% @ Secondary Service	0.2327%	0.2327%	0.2327%	0.2327%	0.2327%	0.2664%	0.2664%	0.2664%	0.2664%	0.2664%	0.2327%	0.2327%	0.2480%
51	% @ Primary Service	0.2102%	0.2102%	0.2102%	0.2102%	0.2102%	0.2248%	0.2248%	0.2248%	0.2248%	0.2248%	0.2102%	0.2102%	0.2168%
52	% @ Transmission Service	0.3661%	0.3661%	0.3661%	0.3661%	0.3661%	0.4015%	0.4015%	0.4015%	0.4015%	0.4015%	0.3661%	0.3661%	0.3835%
53														
54	On-Peak Demand-Grandfathered Customers (MW)													
55	MW @ Secondary Service	1,161.279	1,142.212	1,129.805	1,203.458	1,221.387	1,442.590	1,500.881	1,689.215	1,689.822	1,567.682	1,314.918	1,186.165	16,289.414
56	MW @ Primary Service	320.776	315.509	312.082	332.427	337.380	372.093	402.605	430.548	435.863	404.359	363.216	327.650	4,354.509
57	MW @ Transmission Service	39.934	39.279	38.852	41.385	42.001	55.584	60.141	64.316	65.110	60.403	45.218	40.790	593.012
58		1,521.989	1,496.999	1,480.740	1,577.271	1,600.769	1,870.267	2,023.628	2,164.078	2,190.795	2,032.444	1,723.352	1,554.605	21,236.935
59														
60														
61														
62														

San Diego Gas & Electric													
FERC Forecast Period: January 2020 - December 2020													
Line No.	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
63	64.891	60.279	57.598	60.678	61.347	58.270	62.993	62.360	66.780	63.249	60.599	61.843	740.887
64													
65													
66													
67													
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San Diego Gas & Electric													
FERC Forecast Period: January 2020 - December 2020													
Line No.	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
129	Schedule PA-T-1:												
130	13,996	14,483	14,856	16,838	18,029	18,981	20,675	20,351	21,391	19,276	18,288	15,380	212,544
131	Total Deliveries (MWh)												
132	76.49%	76.49%	76.49%	76.49%	76.49%	80.33%	80.33%	80.33%	80.33%	80.33%	76.49%	76.49%	76.31%
133	23.51%	23.51%	23.51%	23.51%	23.51%	19.67%	19.67%	19.67%	19.67%	19.67%	23.51%	23.51%	21.69%
134	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%
135	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%
136	Total Deliveries (MWh)												
137	10,706	11,078	11,363	12,880	13,791	15,247	16,608	16,348	17,183	15,484	13,989	11,765	166,443
138	MWh @ Secondary Service												
139	3,290	3,404	3,492	3,958	4,238	3,734	4,067	4,003	4,208	3,792	4,299	3,615	46,101
140	MWh @ Transmission Service												
141	13,996	14,483	14,856	16,838	18,029	18,981	20,675	20,351	21,391	19,276	18,288	15,380	212,544
142	Non-Coincident Demand (%)												
143	0.4071%	0.4071%	0.4071%	0.4071%	0.4071%	0.4072%	0.4072%	0.4072%	0.4072%	0.4072%	0.4071%	0.4071%	0.4071%
144	0.3999%	0.3999%	0.3999%	0.3999%	0.3999%	0.3968%	0.3968%	0.3968%	0.3968%	0.3968%	0.3999%	0.3999%	0.3966%
145	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%
146	Non-Coincident Demand (MW)												
147	43.583	45.098	46.260	52.434	56.142	62.089	67.630	66.569	69.971	63.053	56.949	47.894	677.670
148	MW @ Secondary Service												
149	13.157	13.614	13.965	15.829	16.948	14.815	16.137	15.884	16.695	15.045	17.192	14.458	183.739
150	MW @ Transmission Service												
151	56.739	56.713	60.224	68.263	73.090	76.904	83.766	82.453	86.666	78.098	74.141	62.352	861.409
152	Total												
153	Schedule S. Standby Determinants:												
154	Contracted Standby Demand (MW)												
155	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	103.800
156	MW @ Secondary Service												
157	95.243	95.243	95.243	95.243	95.243	95.243	95.243	95.243	95.243	95.243	95.243	95.243	1,142.916
158	MW @ Primary Service												
159	56.366	56.366	56.366	56.366	56.366	56.366	56.366	56.366	56.366	56.366	56.366	56.366	676.392
160	MW @ Transmission Service												
161	160.259	160.259	160.259	160.259	160.259	160.259	160.259	160.259	160.259	160.259	160.259	160.259	1,923.108

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, 2020

Line No.	Customer Classes	(A) Jan-20		(B) Feb-20		(C) Mar-20		(D) Apr-20		(E) May-20		(F) Jun-20		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	552,647,692		459,964,859		428,387,225		383,387,071		377,378,535		391,095,458		1
2														2
3	Small Commercial	172,217,795		165,811,676		164,838,059		168,554,774		171,948,399		177,183,923		3
4														4
5	Medium-Large Commercial/Industrial	727,407,593	1,838,014	711,917,545	1,801,704	702,158,824	1,778,631	747,258,303	1,893,415	758,155,802	1,921,216	779,064,639	1,983,030	5
6														6
7	Agricultural													7
8	Schedules PA and TOU-PA	6,104,669		6,405,578		5,604,514		7,488,596		8,584,857		9,551,016		8
9	Schedule PA-T-1	13,995,920		14,482,700	58,713	14,855,578	60,224	16,838,402	68,263	18,029,099	73,090	18,981,203	76,904	9
10														10
11	Street Lighting	7,422,195		7,072,619		7,079,413		7,039,927		7,093,700		7,121,045		11
12														12
13	Standby Customers		160,259		160,259		160,259		160,259		160,259		160,259	13
14														14
15	TOTAL	1,479,795,864	2,055,013	1,365,654,977	2,020,675	1,322,923,613	1,999,114	1,330,567,073	2,121,936	1,341,190,392	2,154,565	1,382,997,284	2,220,192	15

Notes:

<sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2020.

Statement BH

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service Revenue Data to Reflect Present Rates<sup>1</sup>  
 Rate Effective Period - Twelve Months Ending December 31, 2020

Line No.	Customer Classes	(G) Jul-20		(H) Aug-20		(I) Sep-20		(J) Oct-20		(K) Nov-20		(L) Dec-20		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	485,177,377		573,456,724		600,160,895		503,033,323		454,174,386		507,991,586		1
2														2
3	Small Commercial	194,444,249		209,615,190		209,673,363		193,109,909		180,046,053		168,893,522		3
4														4
5	Medium-Large Commercial/Industrial	842,892,415	2,145,542	896,388,711	2,285,805	911,105,574	2,320,333	846,546,629	2,154,858	810,767,372	2,058,922	738,556,545	1,869,727	5
6														6
7	Agricultural													7
8	Schedules PA and TOU-PA	10,991,614		11,402,173		11,439,783		10,091,873		9,397,121		7,369,122		8
9	Schedule PA-T-1	20,675,050	83,766	20,350,882	82,453	21,390,790	86,666	19,276,028	78,098	18,288,347	74,141	15,380,364	62,352	9
10														10
11	Street Lighting	7,150,862		7,105,747		7,246,471		7,052,376		7,192,692		7,223,380		11
12														12
13	Standby Customers		160,259		160,259		160,259		160,259		160,259		160,259	13
14														14
15	TOTAL	1,561,331,567	2,389,567	1,718,319,427	2,528,517	1,761,016,876	2,567,258	1,579,110,138	2,393,215	1,479,865,971	2,293,321	1,445,414,519	2,092,338	15

Notes:

<sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2020.

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, 2020

Line No.	Customer Classes	(M)			Line No.
		12 Months to Date			
		Energy (kWh)	Billing Determinants	Demand (kW)	
1	Residential Customers	5,716,855,131	-	1	
2				2	
3	Small Commercial	2,176,336,912	-	3	
4				4	
5	Medium-Large Commercial/Industrial	9,472,219,952	24,051,196	5	
6				6	
7	Agricultural			7	
8	Schedules PA and TOU-PA	104,430,916	-	8	
9	Schedule PA-T-1	212,544,363	861,409	9	
10				10	
11	Street Lighting	85,800,427	-	11	
12				12	
13	Standby Customers	-	1,923,108	13	
14				14	
15	TOTAL	17,768,187,701	26,835,713	15	

Notes:  
<sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2020.

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, 2020

Line No.	Customer Class	(A) Jan-20	(B) Feb-20	(C) Mar-20	(D) Apr-20	(E) May-20	(F) Jun-20	(G) Jul-20	(H) Aug-20	(I) Sep-20	(J) Oct-20	(K) Nov-20	(L) Dec-20	(M) Total	Line No.
1	Residential Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1
2		1,722	1,658	1,648	1,686	1,719	1,772	1,944	2,096	2,097	1,931	1,800	1,689	21,763	2
3	Small Commercial														3
4		14,548	14,238	14,043	14,945	15,163	15,581	16,858	17,928	18,222	16,931	16,215	14,771	189,444	4
5	Medium-Large Commercial/Industrial Energy Revenues														5
6		14,548	14,238	14,043	14,945	15,163	15,581	16,858	17,928	18,222	16,931	16,215	14,771	189,444	6
7	Demand Revenues														7
8	Total														8
9															9
10	Agricultural Schedules TOU-PA, TOU-PA2, TOU-PA3	61	64	56	75	86	96	110	114	114	101	94	74	1,044	10
11															11
12															12
13	Energy Revenues	140	145	149	168	180	190	207	204	214	193	183	154	2,125	13
14															14
15	Demand Revenues														15
16	Total	140	145	149	168	180	190	207	204	214	193	183	154	2,125	16
17															17
18	Street Lighting	74	71	71	70	71	71	72	71	72	71	72	72	858	18
19															19
20	Standby Revenues														20
21															21
22	TOTAL	\$ 16,546	\$ 16,176	\$ 15,967	\$ 16,944	\$ 17,220	\$ 17,710	\$ 19,190	\$ 20,413	\$ 20,720	\$ 19,226	\$ 18,365	\$ 16,760	\$ 215,236	22

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, 2020

Line No.	Customer Classes	(A) Jan-20		(B) Feb-20		(C) Mar-20		(D) Apr-20		(E) May-20		(F) Jun-20		(M) Reference	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	552,647,692	-	459,964,859	-	428,387,225	-	383,387,071	-	377,378,535	-	391,095,458	-	Statement BH, Page 1, Line 1	1
2	Small Commercial	172,217,795	-	165,811,676	-	164,838,059	-	168,554,774	-	171,948,399	-	177,183,923	-	Statement BH, Page 1, Line 3	2
3	Medium-Large Commercial/Industrial	727,407,593	1,838,014	711,917,545	1,801,704	702,158,824	1,778,631	747,258,303	1,893,415	758,155,802	1,921,216	779,064,639	1,983,030	Statement BH, Page 1, Line 5	3
4	Agricultural	6,104,669	56,739	6,405,578	58,713	14,855,578	60,224	7,488,596	68,263	8,584,857	73,090	9,551,016	76,904	Statement BH, Page 1, Line 8	4
5	Schedules TOU-PA, TOU=PA2, TC Schedule PA-T-1	13,995,920	56,739	14,482,700	58,713	14,855,578	60,224	16,838,402	68,263	18,029,099	73,090	18,981,203	76,904	Statement BH, Page 1, Line 9	5
6	Street Lighting	7,422,195	-	7,072,619	-	7,079,413	-	7,039,927	-	7,093,700	-	7,121,045	-	Statement BH, Page 1, Line 11	6
7	Standby Customers	-	160,259	-	160,259	-	160,259	-	160,259	-	160,259	-	160,259	Statement BH, Page 1, Line 13	7
8	TOTAL	1,479,795,864	2,055,013	1,365,654,977	2,020,675	1,322,923,613	1,999,114	1,330,567,073	2,121,936	1,341,190,392	2,154,565	1,382,997,284	2,220,192	Sum Lines 1, 3, 5, 8, 9, 11 & 13	8

Line No.	Customer Classes	(A) Jan-20		(B) Feb-20		(C) Mar-20		(D) Apr-20		(E) May-20		(F) Jun-20		(M) Reference	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)		
16	Residential Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Docket No. ER 19-558 Statement BG, Page 6, Line 16	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	Docket No. ER 19-558 Statement BG, Page 6, Line 18	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 19-558 Statement BG, Page 6, Line 20	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	Docket No. ER 19-558 Statement BG, Page 6, Line 23	19
20	Schedules TOU-PA, TOU=PA2, TC 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	Docket No. ER 19-558 Statement BG, Page 6, Line 24	20
21	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	Docket No. ER 19-558 Statement BG, Page 6, Line 26	21
22	Standby Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Docket No. ER 19-558 Statement BG, Page 6, Line 28	22

Line No.	Customer Classes	(A) Jan-20		(B) Feb-20		(C) Mar-20		(D) Apr-20		(E) May-20		(F) Jun-20		(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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 1 x Line 16	29
30	Small Commercial	\$ 1,722	\$ 1,722	\$ 1,658	\$ 1,658	\$ 1,648	\$ 1,648	\$ 1,686	\$ 1,686	\$ 1,719	\$ 1,719	\$ 1,772	\$ 1,772	Line 3 x Line 18	30
31	Medium-Large Commercial/Industrial	\$ 14,548	\$ 14,548	\$ 14,238	\$ 14,238	\$ 14,043	\$ 14,043	\$ 14,945	\$ 14,945	\$ 15,163	\$ 15,163	\$ 15,581	\$ 15,581	Statement BH, Page 7, Lines 4 & 23	31
32	Agricultural	\$ 61	\$ 61	\$ 64	\$ 64	\$ 56	\$ 56	\$ 75	\$ 75	\$ 86	\$ 86	\$ 96	\$ 96	Line 8 x Line 23	32
33	Schedules TOU-PA, TOU=PA2, TC Schedule PA-T-1	\$ 140	\$ 140	\$ 145	\$ 145	\$ 149	\$ 149	\$ 168	\$ 168	\$ 180	\$ 180	\$ 190	\$ 190	Statement BH, Page 8, Lines 4 & 23	33
34	Street Lighting	\$ 74	\$ 74	\$ 71	\$ 71	\$ 71	\$ 71	\$ 70	\$ 70	\$ 71	\$ 71	\$ 71	\$ 71	Line 11 x Line 26	34
35	Standby Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BH, Page 9, Line 20	35
36	TOTAL	\$ 16,546	\$ 16,546	\$ 16,176	\$ 16,176	\$ 15,967	\$ 15,967	\$ 16,944	\$ 16,944	\$ 17,220	\$ 17,220	\$ 17,710	\$ 17,710		36
37	Grand Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		37



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, 2020

Line No.	Customer Classes	Jul-20 (G)		Aug-20 (H)		Sep-20 (I)		Oct-20 (J)		Nov-20 (K)		Dec-20 (L)		(M) Reference
		Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	
1	Residential Customers	485,177,377	-	573,456,724	-	600,160,895	-	503,033,323	-	454,174,386	-	507,991,586	-	Statement BH, Page 2, Line 1
2	Small Commercial	194,444,249	-	209,615,190	-	209,673,563	-	193,109,909	-	180,046,053	-	168,893,522	-	Statement BH, Page 2, Line 3
3	Medium-Large Commercial/Industrial	842,892,415	2,145,542	896,388,711	2,285,805	911,105,574	2,320,333	846,546,029	2,154,858	810,767,372	2,058,922	738,556,545	1,869,727	Statement BH, Page 2, Line 5
4	Agricultural													
5	Schedules TOU-PA, TOU=PA2, TC Schedule PA-T-1	10,991,614	83,766	11,402,173	82,453	11,489,783	86,666	10,091,873	78,098	9,397,121	74,141	7,369,122	62,352	Statement BH, Page 2, Line 8
6	Street Lighting	7,150,862	-	7,105,747	-	7,246,471	-	7,052,376	-	7,192,692	-	7,223,380	-	Statement BH, Page 2, Line 11
7	Standby Customers	-	160,259	-	160,259	-	160,259	-	160,259	-	160,259	-	160,259	Statement BH, Page 2, Line 13
8	TOTAL	1,561,331,567	2,389,567	1,718,319,427	2,528,517	1,761,016,876	2,567,258	1,579,110,138	2,393,215	1,479,865,971	2,293,321	1,445,414,519	2,092,338	Sum Lines 1, 3, 5, 8, 9, 11 & 13

Line No.	Customer Classes	Jul-20 (G)		Aug-20 (H)		Sep-20 (I)		Oct-20 (J)		Nov-20 (K)		Dec-20 (L)		(M) Reference
		Present Transmission Rates Energy (kWh)	Demand (kW)	Present Transmission Rates Energy (kWh)	Demand (kW)	Present Transmission Rates Energy (kWh)	Demand (kW)	Present Transmission Rates Energy (kWh)	Demand (kW)	Present Transmission Rates Energy (kWh)	Demand (kW)	Present Transmission Rates Energy (kWh)	Demand (kW)	
16	Residential Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Docket No. ER 19-558 Statement BG, Page 7, Line 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	Docket No. ER 19-558 Statement BG, Page 7, Line 18
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 19-558 Statement BG, Page 7, Line 20
19	Agricultural													
20	Schedules TOU-PA, TOU=PA2, TC 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	Docket No. ER 19-558 Statement BG, Page 7, Line 23
21	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	Docket No. ER 19-558 Statement BG, Page 7, Line 24
22	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	Docket No. ER 19-558 Statement BG, Page 7, Line 26
23	TOTAL	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	

Line No.	Customer Classes	Jul-20 (G)		Aug-20 (H)		Sep-20 (I)		Oct-20 (J)		Nov-20 (K)		Dec-20 (L)		(M) Reference
		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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 1 x Line 16
30	Small Commercial	\$ 1,944	\$ 2,096	\$ 2,096	\$ 2,097	\$ 2,097	\$ 1,931	\$ 1,931	\$ 1,800	\$ 1,800	\$ 1,689	\$ 1,689	\$ 1,689	Line 3 x Line 18
31	Medium-Large Commercial/Industrial	\$ 16,858	\$ -	\$ 17,928	\$ -	\$ 18,222	\$ -	\$ 16,931	\$ -	\$ 16,215	\$ -	\$ 14,771	\$ -	Statement BH, Page 7, Lines 4 & 23
32	Agricultural													
33	Schedules TOU-PA, TOU=PA2, TC Schedule PA-T-1	\$ 110	\$ 114	\$ 114	\$ 114	\$ 114	\$ 101	\$ 101	\$ 94	\$ 94	\$ 74	\$ 74	\$ 74	Line 8 x Line 23
34	Street Lighting	\$ 72	\$ 71	\$ 71	\$ 72	\$ 72	\$ 71	\$ 71	\$ 72	\$ 72	\$ 72	\$ 72	\$ 72	Statement BH, Page 8, Lines 4 & 23
35	Standby Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 11 x Line 26
36	TOTAL	\$ 19,190	\$ 20,413	\$ 20,413	\$ 20,720	\$ 20,720	\$ 19,226	\$ 19,226	\$ 18,365	\$ 18,365	\$ 16,760	\$ 16,760	\$ 16,760	Statement BH, Page 9, Line 20
37	Grand Total	\$ 19,190	\$ 20,413	\$ 20,413	\$ 20,720	\$ 20,720	\$ 19,226	\$ 19,226	\$ 18,365	\$ 18,365	\$ 16,760	\$ 16,760	\$ 16,760	

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, 2020  
 Medium-Large Commercial/Industrial Customers

Line No.	Description	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total	Reference
1	Energy Revenues														
2	Commodity Sales - kWh	727,407,593	711,917,545	702,158,824	747,258,303	758,155,802	779,064,639	842,892,415	896,388,711	911,105,574	846,546,629	810,767,372	738,556,545	9,472,219,952	Statement BH, Pages 1 & 2, 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		Docket No. ER 19-558 Statement BL, Page 1, Line 5, Col. A
4	Total Commodity Revenues	14,548	14,238	14,043	14,945	15,163	15,581	16,858	17,928	18,222	16,931	16,215	14,771	189,444	Line 2 x Line 3
5															
6	Non-Concident Demand - (KW):														
7	Secondary	1,371,509	1,348,990	1,334,337	1,421,324	1,442,499	1,492,512	1,614,897	1,726,979	1,748,300	1,621,932	1,552,962	1,400,900	18,077,140	Statement BH, Page 11, Lines 122 x 1000
8	Primary	349,351	342,557	338,232	360,080	365,374	376,376	407,222	433,989	440,439	408,991	391,729	355,513	4,569,855	Statement BH, Page 11, Lines 123 x 1000
9	Transmission	117,155	110,157	106,062	112,010	115,343	114,142	123,423	124,837	131,595	123,935	114,230	113,514	1,404,201	Statement BH, Page 11, Lines 124 x 1000
10	Total	1,838,014	1,801,704	1,778,631	1,895,415	1,921,216	1,983,030	2,145,542	2,285,805	2,320,333	2,154,858	2,058,922	1,869,727	24,051,196	Sum Lines 7; 8; 9
11	Check Figure	1,838,014	1,801,704	1,778,631	1,895,415	1,921,216	1,983,030	2,145,542	2,285,805	2,320,333	2,154,858	2,058,922	1,869,727	24,051,196	Line 10 Less Line 11
12	Difference	-	-	-	-	-	-	-	-	-	-	-	-	-	
13															
14	Non-Concident Demand Rates Per (\$/KW):														
15	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Docket No. ER 19-558 Statement BL, Page 1, Line 5, Col. D
16	Primary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Docket No. ER 19-558 Statement BL, Page 1, Line 5, Col. C
17	Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Docket No. ER 19-558 Statement BL, Page 1, Line 5, Col. B
18															
19	Revenues at Present 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 Present Rates	\$ 14,548	\$ 14,238	\$ 14,043	\$ 14,945	\$ 15,163	\$ 15,581	\$ 16,858	\$ 17,928	\$ 18,222	\$ 16,931	\$ 16,215	\$ 14,771	\$ 189,444	Line 4 + Line 23

Statement - BH  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service Revenue Data to Reflect Present Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2020  
 Schedule PA-1-1 Customers

Line No.	Description	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total	Reference	Line No.
1	Energy Revenues	13,995,920	14,482,700	14,855,578	16,838,402	18,029,099	18,981,203	20,675,050	20,350,882	21,390,790	19,276,028	18,288,347	15,380,364	212,544,363	Statement BH, Pages 1 & 2, Line 9	1
2	Commodity Sales - 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		Docket No. ER 19-558 Statement BL, Page 1, Line 10, Col. A	2
3	Commodity Rate - \$/kWh	140	145	149	168	180	190	207	204	214	193	183	154	2,125	Line 2 x Line 3	3
4	Total Commodity Revenues	43,583	45,098	46,260	52,434	56,142	62,089	67,630	66,569	69,971	63,053	56,949	47,894	677,670	Statement BH, Page 11, Line 148 x 1000	4
5	Non-Concurrent Demand - (KWh):	13,157	13,614	13,965	15,829	16,948	14,815	16,137	15,884	16,695	15,045	17,192	14,458	183,739	Statement BH, Page 11, Line 149 x 1000	5
6	Secondary	56,739	58,713	60,224	68,263	73,090	76,904	83,766	82,453	86,666	78,098	74,141	62,352	861,409	Statement BH, Page 11, Line 150 x 1000	6
7	Primary	56,739	58,713	60,224	68,263	73,090	76,904	83,766	82,453	86,666	78,098	74,141	62,352	861,409	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	Non-Concurrent Demand Rates Per (\$/KWh):	-	-	-	-	-	-	-	-	-	-	-	-	-		12
13	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Docket No. ER 19-558 Statement BL, Page 1, Line 10, Col. D	13
14	Primary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Docket No. ER 19-558 Statement BL, Page 1, Line 10, Col. C	14
15	Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Docket No. ER 19-558 Statement BL, Page 1, Line 10, Col. B	15
16	Revenues at Present Rates:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		16
17	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 7 x Line 15	17
18	Primary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 8 x Line 16	18
19	Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 9 x Line 17	19
20	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Sum Lines 20, 21, 22	20
21	Total Revenues at Present Rates	\$ 140	\$ 145	\$ 149	\$ 168	\$ 180	\$ 190	\$ 207	\$ 204	\$ 214	\$ 193	\$ 183	\$ 154	\$ 2,125	Line 4 + Line 23	21
22																22
23																23
24																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, 2020  
 Standby Customers

Line No.	Description	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total	Reference	Line No.
1	Demand - Billing Determinants (KW):															
2	Secondary	8,650	8,650	8,650	8,650	8,650	8,650	8,650	8,650	8,650	8,650	8,650	8,650	103,800	Statement BH, Page 11, Line 157 x 1000	1
3	Primary	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	1,142,916	Statement BH, Page 11, Line 158 x 1000	2
4	Transmission	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	676,392	Statement BH, Page 11, Line 159 x 1000	3
5	Total	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	1,923,108	Sum Lines 2; 3; 4	4
6	Check Figure	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	1,923,108		5
7	Difference	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 5 Less Line 6	6
8																7
9	Demand Rates Per (\$/KW):															8
10	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	Docket No. ER 19-558 Statement BL, Page 1, Line 14, Col. D	9
11	Primary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	Docket No. ER 19-558 Statement BL, Page 1, Line 14, Col. C	10
12	Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	Docket No. ER 19-558 Statement BL, Page 1, Line 14, Col. B	11
13																12
14	Revenues at Present Rates:															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 Present Rates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-		19

Statement - BH

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service Revenue Data to Reflect Present Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2020  
 City of Escondido - Wholesale Customer

Line No.	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	Line No.	
	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total	Reference		
1	Energy Revenues	5,325	5,023	5,047	5,030	5,078	5,102	5,126	5,189	5,030	5,126	5,150	61,304	Statement BH, Page 11, Line 11 x 1000 Docket No. ER 19-558 Statement BL, Page 1, Line 16, Col. A Line 2 X Line 3	1	
2	Commodity Sales - kWh	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001				2
3	Commodity Rate - \$/kWh	0	0	0	0	0	0	0	0	0	0	0				3
4	Total Commodity Revenues	0	0	0	0	0	0	0	0	0	0	0				4

San Diego Gas & Electric														
FERC Forecast Period: January 2020 - December 2020														
Line No.	Line No.	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
1														
2														
3	<b>SDG&amp;E-System Net Delivery Determinants</b>													
4	<b>Customer Class Net Deliveries (MWh)</b>													
5	Residential	552,648	459,965	428,387	383,387	377,379	391,095	485,177	573,457	600,161	503,033	454,174	507,992	5,716,855
6	Small Commercial	172,218	165,812	164,838	168,555	171,948	177,184	194,444	209,615	209,673	193,110	180,046	168,894	2,176,337
7	Med. & Large Comm./Ind. (excluding A6-TOU)	662,516	651,638	644,561	686,580	696,809	720,795	779,900	834,029	844,325	783,297	750,169	676,714	8,731,333
8	Med. & Large Comm./Ind. (A6-TOU)	64,891	60,279	57,598	60,678	61,347	58,270	62,993	62,360	66,780	63,249	60,599	61,843	740,887
9	Agriculture (TOU-PA)	6,105	6,406	5,605	7,489	8,585	9,551	10,992	11,402	11,440	10,092	9,397	7,369	104,431
10	Agriculture (PA-T-1)	13,996	14,483	14,856	16,838	18,029	18,981	20,675	20,351	21,391	19,276	18,288	15,380	212,544
11	Lighting	7,422	7,073	7,079	7,040	7,094	7,121	7,151	7,106	7,246	7,052	7,193	7,223	85,800
12	Sale for Resale	5	5	5	5	5	5	5	5	5	5	5	5	51
13	<b>Total System</b>	<b>1,479,801</b>	<b>1,365,660</b>	<b>1,322,929</b>	<b>1,330,572</b>	<b>1,341,195</b>	<b>1,383,002</b>	<b>1,561,337</b>	<b>1,718,325</b>	<b>1,761,022</b>	<b>1,579,115</b>	<b>1,479,871</b>	<b>1,445,420</b>	<b>17,768,249</b>
14														
15														

San Diego Gas & Electric													
FERC Forecast Period: January 2020 - December 2020													
Line No.	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
16	662.516	651.638	644.561	686.580	696.809	720.795	779.900	834.029	844.325	783.297	750.169	676.714	8,731,333
17													
18													
19													
20	75.32%	75.32%	75.32%	75.32%	75.32%	75.12%	75.12%	75.12%	75.12%	75.12%	75.32%	75.32%	75.23%
21	23.03%	23.03%	23.03%	23.03%	23.03%	22.96%	22.96%	22.96%	22.96%	22.96%	23.03%	23.03%	23.00%
22	1.65%	1.65%	1.65%	1.65%	1.65%	1.92%	1.92%	1.92%	1.92%	1.92%	1.65%	1.65%	1.77%
23	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%
24													
25	499.003	490.809	485.478	517.127	524.831	541.452	585.850	626.511	634.246	588.403	585.022	509.696	6,568,429
26	152.605	150.100	148.469	158.148	160.504	165.500	179.071	191.499	193.863	179.851	172.795	155.876	2,008,281
27	10.909	10.729	10.613	11.305	11.473	13.843	14.978	16.216	15.044	12.352	12.352	11.142	154,623
28	662.516	651.638	644.561	686.580	696.809	720.795	779.900	834.029	844.325	783.297	750.169	676.714	8,731,333
29													
30	0.2749%	0.2749%	0.2749%	0.2749%	0.2749%	0.2757%	0.2757%	0.2757%	0.2757%	0.2757%	0.2749%	0.2749%	0.2752%
31	0.2162%	0.2162%	0.2162%	0.2162%	0.2162%	0.2169%	0.2169%	0.2169%	0.2169%	0.2169%	0.2162%	0.2162%	0.2165%
32	0.2229%	0.2229%	0.2229%	0.2229%	0.2229%	0.2230%	0.2230%	0.2230%	0.2230%	0.2230%	0.2229%	0.2229%	0.2229%
33													
34													
35	1,371.509	1,348.990	1,334.337	1,421.324	1,442.499	1,492.512	1,614.897	1,726.979	1,748.300	1,621.932	1,552.962	1,400.900	18,077.140
36	329.994	324.575	321.050	341.980	347.074	358.953	388.387	415.343	420.470	390.079	373.653	337.065	4,348.621
37	24.313	23.914	23.654	25.196	25.572	30.866	33.397	35.715	36.156	33.543	27.530	24.834	344.691
38	1,725.815	1,697.479	1,679.042	1,788.500	1,815.145	1,882.331	2,036.681	2,178.037	2,204.926	2,045.554	1,954.144	1,762.799	22,770.452
39													
40	0.2490%	0.2490%	0.2490%	0.2490%	0.2490%	0.2506%	0.2506%	0.2506%	0.2506%	0.2506%	0.2490%	0.2490%	0.2497%
41	0.2196%	0.2196%	0.2196%	0.2196%	0.2196%	0.2142%	0.2142%	0.2142%	0.2142%	0.2142%	0.2196%	0.2196%	0.2172%
42	0.3883%	0.3883%	0.3883%	0.3883%	0.3883%	0.3986%	0.3986%	0.3986%	0.3986%	0.3986%	0.3883%	0.3883%	0.3933%
43													
44													
45	1,242.716	1,222.312	1,209.035	1,287.854	1,307.040	1,356.716	1,467.966	1,569.850	1,589.231	1,474.361	1,407.130	1,269.347	16,403.556
46	335.106	329.604	326.024	347.278	352.451	354.517	383.587	410.210	415.275	385.259	379.441	342.287	4,361.039
47	42.388	41.663	41.210	43.897	44.551	55.172	59.697	63.840	64.628	59.957	47.962	43.266	608.199
48	1,620.180	1,593.578	1,576.269	1,679.028	1,704.042	1,766.405	1,911.250	2,043.900	2,069.133	1,919.576	1,834.533	1,654.900	21,372.795
49													
50													
51	0.2327%	0.2327%	0.2327%	0.2327%	0.2327%	0.2664%	0.2664%	0.2664%	0.2664%	0.2664%	0.2327%	0.2327%	0.2480%
52	0.2102%	0.2102%	0.2102%	0.2102%	0.2102%	0.2248%	0.2248%	0.2248%	0.2248%	0.2248%	0.2102%	0.2102%	0.2168%
53	0.3661%	0.3661%	0.3661%	0.3661%	0.3661%	0.4015%	0.4015%	0.4015%	0.4015%	0.4015%	0.3661%	0.3661%	0.3835%
54													
55													
56	1,161.279	1,142.212	1,129.805	1,203.488	1,221.387	1,442.590	1,590.881	1,689.215	1,689.822	1,567.682	1,314.918	1,186.165	16,289.414
57	320.776	315.509	312.082	332.427	337.380	372.093	402.605	430.548	435.863	404.359	363.216	327.650	4,354.509
58	39.934	39.279	38.852	41.385	42.001	55.584	60.141	64.316	65.110	60.403	45.218	40.790	593.012
59	1,521.989	1,496.999	1,480.740	1,577.271	1,600.769	1,870.267	2,023.628	2,164.078	2,190.795	2,032.444	1,723.352	1,554.605	21,236.935
60													
61													
62													

San Diego Gas & Electric													
FERC Forecast Period: January 2020 - December 2020													
Line No.	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
63	Schedule A6-TOU:												
64	64,891	60,279	57,598	60,678	61,347	58,270	62,993	62,360	66,780	63,249	60,599	61,843	740,887
65	Total Deliveries (MWh)												
66	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%
67	16.34%	16.34%	16.34%	16.34%	16.34%	16.43%	16.43%	16.43%	16.43%	16.43%	16.34%	16.34%	16.38%
68	83.66%	83.66%	83.66%	83.66%	83.66%	83.57%	83.57%	83.57%	83.57%	83.57%	83.66%	83.66%	83.62%
69	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%
70	Total Deliveries (MWh)												
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	MWh @ Secondary Service												
73	10,601	9,848	9,410	9,913	10,022	9,573	10,349	10,245	10,972	10,392	9,900	10,103	121,327
74	54,290	50,432	48,189	50,765	51,325	48,696	52,643	52,115	55,809	52,858	50,699	51,740	619,560
75	64,891	60,279	57,598	60,678	61,347	58,270	62,993	62,360	66,780	63,249	60,599	61,843	740,887
76	Non-Coincident Demand (%)												
77	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%
78	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%
79	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%
80	Total Deliveries (MWh)												
81	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
82	MWh @ Secondary Service												
83	19,357	17,982	17,182	18,101	18,300	17,424	18,836	18,647	19,968	18,913	18,077	18,448	221,233
84	92,842	86,243	82,407	86,814	87,771	83,276	90,025	89,121	95,438	90,392	86,700	88,480	1,059,510
85	112,199	104,225	99,589	104,915	106,071	100,699	108,861	107,768	115,407	109,305	104,777	106,928	1,280,744
86	Coincident Peak Demand-Standard Customers (%)												
87	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%
88	0.1384%	0.1384%	0.1384%	0.1384%	0.1384%	0.1194%	0.1194%	0.1194%	0.1194%	0.1194%	0.1384%	0.1384%	0.1304%
89	0.1403%	0.1403%	0.1403%	0.1403%	0.1403%	0.1479%	0.1479%	0.1479%	0.1479%	0.1479%	0.1403%	0.1403%	0.1435%
90	Total Deliveries (MWh)												
91	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
92	MWh @ Secondary Service												
93	14,674	13,631	13,025	13,721	13,872	11,435	12,361	12,237	13,105	12,412	13,703	13,984	158,160
94	76,185	70,771	67,623	71,239	72,025	72,027	77,865	77,083	82,546	78,182	71,146	72,606	889,298
95	90,859	84,402	80,648	84,960	85,897	83,461	90,226	89,320	95,651	90,594	84,849	86,591	1,047,458
96	Coincident Peak Demand-Grandfathered Customers (%)												
97	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%
98	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%
99	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%
100	Total Deliveries (MWh)												
101	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
102	MWh @ Secondary Service												
103	14,681	13,638	13,031	13,728	13,879	11,508	12,441	12,316	13,189	12,492	13,710	13,992	158,605
104	76,066	70,660	67,517	71,127	71,912	72,894	78,802	78,010	83,540	79,123	71,034	72,492	893,177
105	90,747	84,298	80,548	84,856	85,791	84,402	91,243	90,326	96,729	91,614	84,744	86,484	1,051,783
106	Coincident Peak Demand-Grandfathered Customers (MWh)												
107	1,371,509	1,348,990	1,334,337	1,421,324	1,442,499	1,492,512	1,614,887	1,726,979	1,748,900	1,621,932	1,552,962	1,400,900	18,077,140
108	MWh @ Secondary Service												
109	349,351	342,557	338,232	360,080	365,374	376,376	407,222	433,989	440,439	408,991	391,729	365,513	4,569,855
110	117,155	110,157	106,062	112,010	113,343	114,142	123,423	124,837	131,595	123,935	114,230	113,314	1,404,201
111	1,838,014	1,801,704	1,778,631	1,893,415	1,921,216	1,983,030	2,145,542	2,265,805	2,320,333	2,154,858	2,068,922	1,869,727	24,051,196
112	Total Deliveries (MWh)												
113	727,408	711,918	702,159	747,258	758,156	779,065	842,892	896,389	911,106	846,547	810,767	738,557	9,472,220
114	Med & Large Comm./Ind.												
115	489,003	490,809	485,478	517,127	524,831	541,452	585,850	626,511	634,246	588,403	565,022	509,696	6,568,429
116	163,206	159,947	157,879	168,061	170,526	175,073	189,420	201,745	204,835	190,242	182,695	165,979	2,129,608
117	65,199	61,161	58,802	62,070	62,798	62,540	67,622	68,133	72,024	67,901	63,051	62,882	774,183
118	727,408	711,918	702,159	747,258	758,156	779,065	842,892	896,389	911,106	846,547	810,767	738,557	9,472,220
119	Non-Coincident Demand (MWh)												
120	1,371,509	1,348,990	1,334,337	1,421,324	1,442,499	1,492,512	1,614,887	1,726,979	1,748,900	1,621,932	1,552,962	1,400,900	18,077,140
121	MWh @ Secondary Service												
122	349,351	342,557	338,232	360,080	365,374	376,376	407,222	433,989	440,439	408,991	391,729	365,513	4,569,855
123	117,155	110,157	106,062	112,010	113,343	114,142	123,423	124,837	131,595	123,935	114,230	113,314	1,404,201
124	1,838,014	1,801,704	1,778,631	1,893,415	1,921,216	1,983,030	2,145,542	2,265,805	2,320,333	2,154,858	2,068,922	1,869,727	24,051,196
125	Total Deliveries (MWh)												
126	727,408	711,918	702,159	747,258	758,156	779,065	842,892	896,389	911,106	846,547	810,767	738,557	9,472,220
127	Med & Large Comm./Ind.												
128	489,003	490,809	485,478	517,127	524,831	541,452	585,850	626,511	634,246	588,403	565,022	509,696	6,568,429



San Diego Gas & Electric													
FERC Forecast Period: January 2020 - December 2020													
Line No.	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
129	Schedule PA-T-1:												
130	Total Deliveries (MWh)												
131	13,996	14,483	14,856	16,838	18,029	18,981	20,675	20,351	21,391	19,276	18,288	15,380	212,544
132	Total Deliveries (%)												
133	76.49%	76.49%	76.49%	76.49%	76.49%	80.33%	80.33%	80.33%	80.33%	80.33%	76.49%	76.49%	76.31%
134	23.51%	23.51%	23.51%	23.51%	23.51%	19.67%	19.67%	19.67%	19.67%	19.67%	23.51%	23.51%	21.69%
135	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%
136	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%
137	Total Deliveries (MWh)												
138	10,706	11,078	11,363	12,880	13,791	15,247	16,608	16,348	17,183	15,484	13,989	11,765	166,443
139	3,290	3,404	3,492	3,958	4,238	3,734	4,067	4,003	4,208	3,792	4,299	3,615	46,101
140	0	0	0	0	0	0	0	0	0	0	0	0	0
141	13,996	14,483	14,856	16,838	18,029	18,981	20,675	20,351	21,391	19,276	18,288	15,380	212,544
142	Non-Coincident Demand (%)												
143	0.4071%	0.4071%	0.4071%	0.4071%	0.4071%	0.4072%	0.4072%	0.4072%	0.4072%	0.4072%	0.4071%	0.4071%	0.4071%
144	0.3999%	0.3999%	0.3999%	0.3999%	0.3999%	0.3968%	0.3968%	0.3968%	0.3968%	0.3968%	0.3999%	0.3999%	0.3966%
145	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%
146	Non-Coincident Demand (MW)												
147	43,583	45,098	46,260	52,434	56,142	62,089	67,630	66,569	69,971	63,053	56,949	47,894	677,670
148	13,157	13,614	13,965	15,829	16,948	14,815	16,137	15,884	16,695	15,045	17,192	14,458	183,739
149	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
150	56,739	58,713	60,224	68,263	73,090	76,904	83,766	82,453	86,666	78,098	74,141	62,352	861,409
151	Schedule S: Standby Determinants:												
152	Contracted Standby Demand (MW)												
153	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	103,800
154	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	1,142,916
155	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	676,392
156	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	1,923,108
157	Total												
158	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	103,800
159	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	95,243	1,142,916
160	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	56,366	676,392
161	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	160,259	1,923,108

**Statement BK**  
**San Diego Gas & Electric Company**  
**2020 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, 2019</u></b>			1
2	Demand Costs	\$ (2)	Page 2, Line 5	2
3	Energy Costs	3	Page 2, Line 9	3
4				4
5	Total RS Balancing Account	\$ 1	Line 2 + Line 3	5
6				6
7	<b><u>Forecast Costs</u></b>			7
8	<b><u>Forecast Demand Costs</u></b>	\$ -	Statement AH, Line 1	8
9	<b><u>Forecast Energy Costs</u></b>	623	Statement AH, Line 3	9
10				10
11	Sub-Total Forecast RS Costs	\$ 623	Line 8 + Line 9	11
12				12
13				13
14	<b><u>Total RS Costs Before FF&amp;U</u></b>	\$ 624	Sum Line 5 + Line 11	14
15				15
16	Franchise Fees @ 1.0275%	6	Line 14 x 1.0275%	16
17	Uncollectible Rate @ 0.173%	1	Line 14 x 0.173%	17
18				18
19	<b><u>Total RS Revenue Requirements</u></b>	\$ 632	Sum Lines 14; 16; & 17	19
20				20
21	<b><u>Total RS Demand Costs</u></b>			21
22	Demand Costs	\$ (2)	Line 2 + Line 8	22
23	Franchise Fees @ 1.0275%	(0)	Line 22 x 1.0275%	23
24	Uncollectible Rate @ 0.173%	(0)	Line 22 x 0.173%	24
25	Total Demand Costs	\$ (2)	Sum Lines 22; 23; & 24	25
26				26
27	<b><u>Total RS Energy Costs</u></b>			27
28	Energy Costs	\$ 626	Line 3 + Line 9	28
29	Franchise Fees @ 1.0275%	6	Line 28 x 1.0275%	29
30	Uncollectible Rate @ 0.173%	1	Line 28 x 0.173%	30
31	Total Energy Costs	\$ 634	Sum Lines 28; 29; & 30	31
32				32
33	<b><u>Total RS Revenue Requirements</u></b>	\$ 632	Line 25 + Line 31	33

**Statement BK**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**2020 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>	\$ 1	November 30, 2019; RSBA Balance	1
2	Demand Costs Allocation Percentage <sup>1</sup>	-160.42%	See Line 19 Below	2
3	Allocated Beginning Balance - Demand Costs	(2)	Cost as a % of Total RS Cost.	3
4			Line 1 x Line 3	4
5	Energy Costs Allocation Percentage <sup>2</sup>	260.42%	See Line 20 Below	5
6	Allocated Beginning Balance - Energy Costs	3	Cost as a % of Total RS Cost.	6
7			Line 1 x Line 7	7
8	Total RS Balancing Account as of November 30, 2019	1	Line 5 + Line 9	8
9				9
10				10
11				11
12				12
13	<b><u>NOTES 1 &amp; 2: Derivation of Demand &amp; Energy Allocation %</u></b>			13
14	Total Demand Cost	\$ (186)	Docket No. ER19-558; Statement BK; Pg 1; Line 25	14
15	Total Energy Cost	302	Docket No. ER19-558; Statement BK; Pg 1; Line 31	15
16	Total RS Costs	116	Line 15 + Line 16	16
17				17
18	Demand Cost Allocation Percentage	-160.42%	Line 15 / Line 17	18
19	Energy Costs Allocation Percentage	260.42%	Line 16 / Line 17	19
20	Total	100.00%	Line 19 + Line 20	20
21				21
22				22

Statement BL  
SAN DIEGO GAS AND ELECTRIC COMPANY  
2020 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	\$ 0.00004				Statement BL, Page 7, Line 15	1
2							2
3	Small Commercial	\$ 0.00004				Statement BL, Page 8, Line 15	3
4							4
5	Medium & Large Commercial/Industrial <sup>1</sup>	\$ 0.00004	\$ -	\$ -	\$ -	Statement BL, Page 9, Lines 9, 36, 35, 34	5
6	Vehicle Grid Integration Pilot Program (Schedule VGI)	\$ 0.00004				Statement BL, Page 10, Line 15	6
7							7
8	Agricultural (Schedules TOU-PA, TOU-PA2, TOU-PA3 and PA-T-1)						8
9	Schedules TOU-PA, TOU-PA2 and TOU-PA3	\$ 0.00002				Statement BL, Page 11, Line 15	9
10	Schedule PA-T-1	\$ 0.00003	\$ -	\$ -	\$ -	Statement BL, Page 12, Lines 9, 36, 35, 34	10
11							11
12	Street Lighting	\$ 0.00004				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	\$ 0.00004				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  
 2020 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	\$ 632	Statement BK, Line 33	1
2				2
3	Total Billing Determinants (MWH)	17,768,249	Statement BD, Page 1, Line 14, Col. A	3
4				4
5	Rate Per kWh @ Meter Level	\$ 0.00004	Line 1 / Line 3	5
6	Primary Level Adjustment Factor	1.0109	Loss Adjustment Factor	6
7	Rate Per kWh @ Primary Level	\$ 0.00004	Line 5 / Line 6, Rounded to 5 Decimal Places	7
8				8
9	Wholesale Billing Determinants (MWH) @ Meter Level	61	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	\$ 632	Line 1	12
13	Less: Wholesale Revenues	\$ 0	Line 11	13
14	RS Revenues Applicable to Retail	\$ 632	Line 12 - Line 13	14
15				15
16	RS Demand Revenues	\$ (2)	Line 14 x Statement BK, Line 25 / Statement BK, Line 33	16
17	RS Energy Revenues	\$ 634	Line 14 x Statement BK, Line 31 / Statement BK, Line 33	17
18	Total RS Revenues Applicable to Retail	\$ 632	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		43.39%	(1)	Line 13, Col. A x Line 1, Col. B	1
2				\$		2
3	Small Commercial		10.65%	(0)	Line 13, Col. A x Line 3, Col. B	3
4						4
5	Medium-Large Commercial/Industrial		43.05%	(1)	Line 13, Col. A x Line 5, Col. B	5
6						6
7	Agricultural		1.07%	(0)	Line 13, Col. A x Line 7, Col. B	7
8						8
9	Street Lighting		0.28%	(0)	Line 13, Col. A x Line 9, Col. B	9
10						10
11	Standby Revenues		1.56%	(0)	Line 13, Col. A x Line 11, Col. B	11
12						12
13	Grand Total	\$ (2)	100.00%	\$ (2)	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		5,984,069	32.56%	206	Line 13, Col. A x Line 1, Col. C	1
2					\$		2
3	Small Commercial		2,278,062	12.39%	79	Line 13, Col. A x Line 3, Col. C	3
4							4
5	Medium-Large Commercial/Industrial		9,807,561	53.36%	338	Line 13, Col. A x Line 5, Col. C	5
6							6
7	Agricultural		220,828	1.20%	8	Line 13, Col. A x Line 7, Col. C	7
8							8
9	Street Lighting		89,811	0.49%	3	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	\$ 634	18,380,332	100.00%	634	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	\$ (1)	\$ 206	\$ 205	32.52%	Statement BL, Pages 3 & 4, Line 1	1
2							2
3	Small Commercial	(0)	79	78	12.40%	Statement BL, Pages 3 & 4, Line 3	3
4							4
5	Medium-Large Commercial/Industrial	(1)	338	337	53.39%	Statement BL, Pages 3 & 4, Line 5	5
6							6
7	Agricultural	(0)	8	8	1.20%	Statement BL, Pages 3 & 4, Line 7	7
8							8
9	Street Lighting Customers	(0)	3	3	0.49%	Statement BL, Pages 3 & 4, Line 9	9
10							10
11	Standby Customers	(0)	-	(0)	-0.01%	Statement BL, Pages 3 & 4, Line 11	11
12							12
13	Grand Total	\$ (2)	\$ 634	\$ 632	100.00%	Sum Lines 1 thru 11	13



Statement BL  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2020 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	\$ 205	\$ 229	\$ (23)	Statement BL, Page 5, Line 1, Col. C; Statement BL, Page 7, Line 11	1
2						2
3	Small Commercial Customers	\$ 78	\$ 87	\$ (9)	Statement BL, Page 5, Line 3, Col. C; Statement BL, Page 8, Line 11	3
4						4
5	Medium-Large Commercial/Industrial Customers	\$ 337	\$ 379	\$ (42)	Statement BL, Page 5, Line 5, Col. C; Statement BL, Page 9, Line 44	5
6						6
7	Agricultural Customers	\$ 8	\$ 8	\$ (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	\$ 3	\$ 3	\$ (0)	Statement BL, Page 5, Line 9, Col. C; Statement BL, Page 13, Line 11	9
10						10
11	Standby Customers	\$ (0)	\$ -	\$ (0)	Statement BL, Page 5, Line 11, Col. C; Statement BL, Page 14, Line 30	11
12						12
13	Grand Total	\$ 632	\$ 707	\$ (75)		13

Statement BL  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2020 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	\$ 205	Statement BL, Page 5, Line 1, Col. C	1
2				2
3	Billing Determinants - Residential Customer Class @ MWH:	5,716,855	Statement BD, Page 2, Line 1, Col. A	3
4				4
5	Residential Energy Rate Per kWh	\$ 0.0000359	Line 1 / Line 3	5
6				6
7	Residential Energy Rate Per kWh - Rounded	\$ 0.00004	Line 5 Rounded to 5 Decimal places	7
8				8
9	Total Class Revenues @ Proposed Rates	\$ 229	Line 3 x Line 7	9
10				10
11	Total Class Revenues @ Proposed Rates	\$ 229	Line 9	11
12				12
13	Difference	\$ (23)	Line 1 - Line 11	13
14				14
15	Total Residential Rate	\$ 0.00004	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  
 2020 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	\$ 78	Statement BL, Page 5, Line 3, Col. C	1
2				2
3	Billing Determinants - Small Commercial @ MWH:	2,176,337	Statement BD, Page 2, Line 2, Col. A	3
4				4
5	Rate Per kWh Calculation	\$ 0.0000360	Line 1 / Line 3	5
6				6
7	Rate Per kWh Calculation - Rounded	\$ 0.00004	Line 5 Rounded to 5 Decimal places	7
8				8
9	Total Class Revenues @ Proposed Rates	\$ 87	Line 3 x Line 7	9
10				10
11	Total Class Revenues @ Proposed Rates	\$ 87	Line 9	11
12				12
13	Difference	\$ (9)	Line 1 - Line 11	13
14				14
15	Total Small Commercial Rate	\$ 0.00004	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  
2020 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	\$ 337	Statement BL, Page 5, Line 5, Col. C	1
2				2
3	Medium & Large Commercial RS Revenues Related to Energy	\$ 338	Statement BL, Page 5, Line 5, Col. B	3
4				4
5	Total Energy Sales (MWh)	9,472,220	Statement BD, Page 2, Line 7, Col. A	5
6				6
7	Energy Rate Per Unit @ \$/kWh	\$ 0.0000357	Line 3 / Line 5	7
8				8
9	Energy Rate Per Unit @ \$/kWh (Rounded)	\$ 0.00004	Line 7 Rounded to 5 Decimal places	9
10				10
11	Total RS Revenues Related to Energy @ Proposed Rates	\$ 379	Line 5 x Line 9	11
12				12
13				13
14	Medium & Large Commercial RS Revenues Related to Demand	\$ (1)	Statement BL, Page 5, Line 5, Col. A	14
15				15
16	<u>Allocation of Class Demand Revenue Requirements to Voltage Level:</u> <sup>2</sup>			16
17	RS Revenues @ Secondary Level - 75.82%	\$ (1)	Line 14 x Statement BL, Page 16, Line 30, Col. D	17
18	RS Revenues @ Primary Level - 18.51%	(0)	Line 14 x Statement BL, Page 16, Line 31, Col. D	18
19	RS Revenues @ Transmission Level - 5.66%	(0)	Line 14 x Statement BL, Page 16, Line 32, Col. D	19
20	Total Class Revenues Related to Demand	\$ (1)	Sum Lines 17; 18; & 19	20
21				21
22	<u>Demand Determinants By Voltage Level @ Meter (Monthly Max-Demand): MW</u>			22
23	Secondary	18,077	Statement BL, Page 17, Line 14	23
24	Primary	4,570	Statement BL, Page 17, Line 15	24
25	Transmission	1,404	Statement BL, Page 17, Line 16	25
26	Total	24,051	Sum Lines 23; 24; & 25	26
27				27
28	Demand Rate By Voltage @ Meter \$/kW			28
29	Secondary	\$ (0.00004)	Line 17 / Line 23	29
30	Primary	\$ (0.00004)	Line 18 / Line 24	30
31	Transmission	\$ (0.00004)	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	<u>Proof of Revenue Calculations:</u>			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	\$ 379	Line 11 + Line 42	44
45				45
46	Difference	\$ 42	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 16, 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 = 1.0467; b) Primary = 1.0109; and c) Transmission = 1.0065.

Statement BL  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2020 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	\$ 337	Statement BL, Page 5, Line 5, Col. C	1
2				2
3	Billing Determinants - VGI Pilot @ MWH:	9,472,220	Statement BD, Page 2, Line 7, Col. A	3
4				4
5	Rate Per kWh Calculation	\$ 0.0000356	Line 1 / Line 3	5
6				6
7	Rate Per kWh Calculation - Rounded	\$ 0.00004	Line 5 Rounded to 5 Decimal places	7
8				8
9	Total Class Revenues @ Proposed Rates	\$ 379	Line 3 x Line 7	9
10				10
11	Total Class Revenues @ Proposed Rates	\$ 379	Line 9	11
12				12
13	Difference	\$ (42)	Line 1 - Line 11	13
14				14
15	Total VGI Pilot Rate	\$ 0.00004	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  
 2020 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	\$ 8	Statement BL, Page 5, Line 7, Col. C	1
2	Billing Determinants - Agricultural @ MWH:	316,975	Statement BD, Page 2, Lines 10 and 16, Col. A	2
3				3
4				4
5	Rate Per kWh Calculation <sup>2</sup>	\$ 0.0000240	Line 1 / Line 3	5
6				6
7	Rate Per kWh Calculation - Rounded	\$ 0.00002	Line 5 Rounded to 5 Decimal places	7
8				8
9	Total Class Revenues @ Proposed Rates	\$ 6	Line 3 x Line 7	9
10				10
11	Total Class Revenues @ Proposed Rates	\$ 6	Line 9	11
12				12
13	Difference	\$ 1	Line 1 - Line 11	13
14				14
15	Total Agricultural Rate for Schedules TOU-PA, TOU-PA2, and TOU-PA3	\$ 0.00002	Line 7	15
16				16
17	Schedules TOU-PA, TOU-PA2, and TOU-PA3 Billing Determinants (MWh)	\$ 104,431	Statement BD, Page 2, Line 10, Col. A	17
18				18
19	Annual Revenues from Schedules TOU-PA, TOU-PA2, and TOU-PA3 Energy Rates	\$ 2	Line 15 x Line 17	19
20				20
21	Revenues Allocated to Schedule PA-T-1 <sup>3</sup>	\$ 6	Line 1 - Line 19	21

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  
2020 Reliability Service - Rate Design Information  
Agricultural - Schedule PA-T-1 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 Schedule PA-T-1 Agricultural Customers	\$ 6	Statement BL, Page 11, Line 21	1
2				2
3	Schedule PA-T-1 RS Revenues Related to Energy	\$ 6	(Statement BL, Page 5, Line 7, Col. B / Line 7, Col. C) x Line 1	3
4				4
5	Total PA-T-1 Energy Sales (MWh)	212,544	Statement BD, Page 2, Line 16, Col. A	5
6				6
7	PA-T-1 Energy Rate Per Unit @ \$/kWh	\$ 0.0000260	Line 3 / Line 5	7
8				8
9	PA-T-1 Energy Rate Per Unit @ \$/kWh (Rounded)	\$ 0.00003	Line 7 Rounded to 5 Decimal places	9
10				10
11	Total RS PA-T-1 Revenues Related to Energy @ Proposed Rates	\$ 6	Line 5 x Line 9	11
12				12
13				13
14	Schedule PA-T-1 RS Revenues Related to Demand	\$ (0)	Line 1 - Line 3	14
15				15
16	<u>Allocation of PA-T-1 Demand Revenue Requirements to Voltage Level:</u> <sup>2</sup>			16
17	RS Revenues @ Secondary Level - 79.25%	\$ (0)	Line 14 x Statement BL, Page 16, Line 39, Col. D	17
18	RS Revenues @ Primary Level - 20.75%	(0)	Line 14 x Statement BL, Page 16, Line 40, Col. D	18
19	RS Revenues @ Transmission Level - 0.00%	-	Line 14 x Statement BL, Page 16, Line 41, Col. D	19
20	Total PA-T-1 Revenues Related to Demand	\$ (0)	Sum Lines 17; 18; & 19	20
21				21
22	<u>Demand Determinants By Voltage Level @ Meter (Monthly Max-Demand): MW</u>			22
23	Secondary	678	Statement BL, Page 17, Line 21	23
24	Primary	184	Statement BL, Page 17, Line 22	24
25	Transmission	-	Statement BL, Page 17, Line 23	25
26	Total PA-T-1	861	Sum Lines 23; 24; & 25	26
27				27
28	PA-T-1 Demand Rate By Voltage @ Meter \$/kW			28
29	Secondary	\$ (0.00002)	Line 17 / Line 23	29
30	Primary	\$ (0.00002)	Line 18 / Line 24	30
31	Transmission <sup>3</sup>	\$ (0.00002)	(Statement BL, Page 9, Line 31 / Page 9, Line 30) x Line 30	31
32				32
33	PA-T-1 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	<u>Proof of Revenue Calculations:</u>			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 Schedule PA-T-1 Revenues Related to Demand @ Proposed Rates	\$ -	Sum Lines 39; 40; & 41	42
43				43
44	Total Schedule PA-T-1 RS Revenues @ Proposed Rates	\$ 6	Line 11 + Line 42	44
45				45
46	Difference	\$ 1	Line 44 - Line 1	46

## 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 16, 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 = 1.0467; b) Primary = 1.0109; 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  
 2020 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	\$ 3	Statement BL, Page 5, Line 9, Col. C	1
2				2
3	Billing Determinants - Street Lighting Customers @ kWh:	85,800	Statement BD, Page 2, Line 18, Col. A	3
4				4
5	Rate Per kWh Calculation	\$ 0.0000360	Line 1 / Line 3	5
6				6
7	Rate Per kWh Calculation - Rounded	\$ 0.00004	Line 5 Rounded to 5 Decimal places	7
8				8
9	Proof of Revenues:	\$ 3	Line 3 x Line 7	9
10				10
11	Total Class Revenues @ Proposed Rates	\$ 3	Line 9	11
12				12
13	Difference	\$ (0)	Line 1 - Line 11	13
14				14
15	Total Street Lighting Rate	\$ 0.00004	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  
2020 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	<u>Derivation of Demand Rate:</u>			1
2	Demand Revenue Requirement	\$ (0)	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 - 5.59%	\$ (0)	Line 2 x Statement BL, Page 16, Line 48, Col. D	5
6	RS Revenues @ Primary Level - 59.41%	(0)	Line 2 x Statement BL, Page 16, Line 49, Col. D	6
7	RS Revenues @ Transmission Level - 35.00%	(0)	Line 2 x Statement BL, Page 16, Line 50, Col. D	7
8	Total Class Revenue Requirement	\$ (0)	Sum Lines 5; 6; & 7	8
9				9
10	Demand Determinants By Voltage Level @ Meter (Contract Demand) MW			10
11	Secondary	104	Statement BL, Page 17, Line 28	11
12	Primary	1,143	Statement BL, Page 17, Line 29	12
13	Transmission	676	Statement BL, Page 17, Line 30	13
14	Total	1,923	Sum Lines 11; 12; & 13	14
15				15
16	Demand Rate By Voltage Level @ Meter \$/kW			16
17	Secondary	\$ (0.00002)	Line 5 / Line 11	17
18	Primary	\$ (0.00002)	Line 6 / Line 12	18
19	Transmission	\$ (0.00002)	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	\$ 0	Line 30 - Line 2	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 16, lines 48 - 50, column (d). In developing the ratios, the demand determinants were converted to transmission level by applying the following loss factors:

a) Secondary = 1.0467; b) Primary = 1.0109; and c) Transmission = 1.0065.

San Diego Gas & Electric Company  
 2020 Reliability Service - Rate Design Information

Line No		Total RS Costs	Reference	Line No
1	<b>TOTAL RS DEMAND COSTS:</b>			1
2	Demand Costs	\$ (2)	Statement BK, Line 22	2
3	Franchise Fees @ 1.0275%	(0)	Statement BK, Line 22 x 1.0275%	3
4	Uncollectible Rate @.173%	(0)	Statement BK, Line 22 x 0.173%	4
5	Total Demand Costs	\$ (2)	Sum Lines 2; 3; & 4	5
6				6
7	<b>TOTAL RS ENERGY COSTS:</b>			7
8	Energy Costs	\$ 626	Statement BK, Line 28	8
9	Franchise Fees @ 1.0275%	6	Statement BK, Line 28 x 1.0275%	9
10	Uncollectible Rate @.173%	1	Statement BK, Line 28 x 0.173%	10
11	Total Energy Costs	\$ 634	Sum Lines 8; 9; & 10	11
12				12
13	Total Energy Sales - MWh @ Retail Meter Level	17,768,188	Statement BL, Page 17, Line 10	13
14	Average Rate Per kWh	\$ 0.00004	Line 11 / Line 13	14
15				15
16	<b>TOTAL RS REVENUE REQUIREMENTS</b>	\$ 632	Line 5 + Line 11	16

Statement BL  
SAN DIEGO GAS AND ELECTRIC COMPANY  
Rate Design Information  
2020 Reliability Service - Rate Design Information  
Development of 12-CP Allocation Factors

Line No.	Customer Class	(a) 5 Year Average Ending 12/31/2017 Of 12 CPs Kilowatt @ Meter Level	(b) Transmission Loss Factors	(c) = (a) x (b) 5 Year Average Ending 12/31/2017 Of 12 CPs Kilowatt @ Transmission Level	(d) 12 CP Allocation Factors @ Transmission Level	(e) Demand Determinant Allocation Factors	Line No.
1	<u>5 Year Average - 12 CP Allocation Factors:</u>						1
2	Residential Customers	16,611,910	1.0467	17,388,375	43.39%		2
3	Small Commercial Customers	4,077,436	1.0467	4,268,021	10.65%		3
4	Medium-Large Commercial Customers						4
5	Secondary	11,509,993	1.0467	12,047,987	30.06%	69.84%	5
6	Primary	3,707,366	1.0109	3,747,913	9.35%	21.73%	6
7	Transmission	1,445,114	1.0065	1,454,507	3.63%	8.43%	7
8	Total Medium-Large Commercial	16,662,473		17,250,407	43.05%	100.00%	8
9							9
10	Agricultural						10
11	Secondary	351,102	1.0467	367,513	0.92%	85.38%	11
12	Primary	62,261	1.0109	62,942	0.16%	14.62%	12
13	Transmission	-	1.0065	-	0.00%	0.00%	13
14	Total Agricultural	413,363		430,455	1.07%	100.00%	14
15							15
16	Standby Customers (Served Load Information)						16
17	Secondary	35,194	1.0467	36,839	0.09%	5.89%	17
18	Primary	357,700	1.0109	361,612	0.90%	57.77%	18
19	Transmission	226,022	1.0065	227,492	0.57%	36.34%	19
20	Total Standby Customers	618,916		625,942	1.56%	100.00%	20
21							21
22	Street Lighting	105,366	1.0467	110,291	0.28%		22
23							23
24	System Total	38,489,464		40,073,490	100.00%		24
25							25
26							26
27				Transmission Level	Med. & Lrg. C-I Cust. Allocation Factors @ Voltage Level		27
28	<u>Medium-Large Commercial Customers:</u>	Meter Level					28
29	Demand Determinants - (Non-Coincident Demand)						29
30	Secondary	18,077	1.0467	18,922	75.82%		30
31	Primary	4,570	1.0109	4,620	18.51%		31
32	Transmission	1,404	1.0065	1,413	5.66%		32
33	Total	24,051		24,955	100.00%		33
34							34
35							35
36				Transmission Level	Schedule PA-T-1 Cust. Allocation Factors @ Voltage Level		36
37	<u>Agricultural - Schedule PA-T-1</u>	Meter Level					37
38	Secondary	678	1.0467	709	79.25%		38
39	Primary	184	1.0109	186	20.75%		39
40	Transmission	-	1.0065	-	0.00%		40
41	Total	861		895	100.00%		41
42							42
43							43
44							44
45				Transmission Level	Standby Cust. Allocation Factors @ Voltage Level		45
46	<u>Standby Customers Billings Information:</u>	Meter Level					46
47	Billing Determinants - (Contracted Standby Demand)						47
48	Secondary	104	1.0467	109	5.59%		48
49	Primary	1,143	1.0109	1,155	59.41%		49
50	Transmission	676	1.0065	681	35.00%		50
51	Total	1,923		1,945	100.00%		51

Statement BL  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2020 Reliability Service - Rate Design Information  
 Forecasted Billing Determinants

Line No.	<u>January 2020 - December 2020 - Forecasted Sales Information:</u>	(MWH)
1	Residential	5,716,855
2	Small Commercial	2,176,337
3	Med & Lrg Commercial/Industrial	9,472,220
4	Agricultural	316,975
5	Street Lighting	85,800
6	Sale For Resale	61
7		
8	Total Energy Sales (MWH)	17,768,249
9		
10	Total Energy Sales (MWH) - Excluding Resale	17,768,188
11		
12		
13	<u>Med &amp; Lrg Commercial/Industrial Customers - (Non-Coincident Demand):</u>	
14	Secondary	18,077
15	Primary	4,570
16	Transmission	1,404
17		
18	Total Non-Coincident Demand	24,051
19		
20	<u>Agricultural - Schedule PA-T-1 - (Non-Coincident Demand):</u>	
21	Secondary	678
22	Primary	184
23	Transmission	-
24		
25	Total Non-Coincident Demand	861
26		
27	<u>Standby - Contract Demand By Voltage Level:</u>	
28	Secondary	104
29	Primary	1,143
30	Transmission	676
31		
32	Total Contract Demand	1,923

**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. ER19-221-000 and ER19-558-000. In addition, I certify that I have also caused the foregoing to be served upon the following:

Arocles Aguilar  
General Counsel  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102

Anthony Ivancovich  
General Counsel  
California Independent System Operator Corporation  
250 Outcropping Way  
Folsom, CA 95630

Dated at San Diego, California, this 11th day of December, 2019.

*/s/ Tamara Grabowski*

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Tamara Grabowski  
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