



Georgetta J. Baker
Senior Counsel

8330 Century Park Court, CP32D
San Diego, CA 92123
Tel: (858) 654-1668
Fax: (619) 699-5027
gbaker@semprautilities.com

December 14, 2016

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,**
Docket No. ER17-___-000

Dear Ms. Bose:

Pursuant to Section 35.7 of the Federal Energy Regulatory Commission's (Commission or FERC) Regulations¹, 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).² The proposed effective date is January 1, 2017.

SDG&E respectfully requests that the Commission accept the proposed RS Filing to become effective January 1, 2017. The proposed effective date is mandated by Section 4 of Appendix VI 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 cover letter;
2. Attachment No.1, Clean Revised TO tariff sheets;
3. Attachment No. 2, Redline Revised TO tariff sheets;
4. Exhibit No. SDG-1, Testimony of Christian A. Soderlund;
5. Exhibit No. SDG-2, Testimony of Kaitlin J. Corrigan;
6. Exhibit No. SDG-3, Cost Statements; and
7. Attestation and Certificate of Service.

¹ 18 CFR §35.7.

² 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.

II. COMMUNICATIONS

Correspondence and other communications concerning this filing should be addressed to the following:³

Georgetta J. Baker
Senior Counsel
San Diego Gas & Electric Company
8330 Century Park Court, CP32D
San Diego, CA 92123
Phone: 858-654-1668
Fax: 619-699-5027
E-mail: gbaker@semprautilities.com

Jeff Stein
Transmission Revenue Manager
San Diego Gas & Electric Company
8315 Century Park Court
San Diego, CA 92123
Phone: 858-636-5551
Fax: 858-654-1788
E-mail: jstein@semprautilities.com

E. Gregory Barnes
Senior Counsel
San Diego Gas & Electric Company
8330 Century Park Court, CP 32D
San Diego, CA 92123
Phone: 858-654-1583
Fax: 619-699-5027
E-mail: gbarnes@semprautilities.com

Shivani N. Sidhar
Regulatory Case Manager
San Diego Gas & Electric Company
8330 Century Park Court
San Diego, CA 92123
Phone: 858-637-7914
Fax: 858-654-1788
E-mail: ssidhar@semprautilities.com

III. BACKGROUND

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

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

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

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

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

IV. DESCRIPTION OF FILING

A. 2017 Reliability Service Costs

SDG&E proposes a RS Revenue Requirement from approximately \$2.49 million for the 2016 service year to approximately \$3.11 million for the 2017 service year, an increase of approximately \$0.62 million. Statement BK, Exhibit No. SDG-3 sets forth the derivation of the 2017 RS Revenue Requirement of \$3.11 million.

In Exhibit No. SDG-1, Mr. Soderlund explains that RS costs consist of RMR and Exceptional Dispatch costs that the CAISO bills to SDG&E. Mr. Soderlund also explains and quantifies the components of SDG&E’s 2017 RS forecasted costs and the basis for their incurrence. Essentially, forecasted RMR costs have decreased \$0.59 million from the 2016 forecast costs of approximately \$3.31 million to approximately \$2.72 million for 2017. The forecasted Exceptional Dispatch costs have slightly increased \$0.03 million from the 2016 forecast of costs of approximately \$0.34 million to approximately \$0.37 million for 2017.

In Exhibit No. SDG-2, Ms. Corrigan describes how she utilizes Mr. Soderlund’s 2017 forecast costs and the RSBA balance through November 30, 2016, to develop the RS Revenue Requirement. Ms. Corrigan 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. SDG-3, 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 mode:

Appendix V - Reliability Services Revenue Requirement has been revised to reflect the 2017 RS Revenue Requirement.

Appendix VII - Summary of Reliability Services Retail Transmission Rates has been revised to reflect the 2017 Service Year rates.

Appendix VII - Wholesale RS Rate has been revised to reflect the 2017 rate.

V. REQUEST FOR WAIVER AND OTHER FILING REQUIREMENTS

SDG&E believes that the information contained in this RS Filing provides a sufficient basis for the Commission to accept it and conforms to general rules of applicability and to Commission orders specifically applicable to SDG&E. Nonetheless, to the extent deemed necessary, SDG&E requests that the Commission grant any and all waivers necessary to permit the proposed rates in this RS Filing to become effective on January 1, 2017. SDG&E expressly requests that the Commission waive the 60-day notice requirement, as it has done previously, to permit SDG&E to comply with its TO Tariff's requirement that SDG&E file annual RS rates in December, the month prior to the month the RS Rates are proposed to go into effect.⁴

VI. SERVICE

In addition to having copies of this letter and all enclosures available for public inspection in SDG&E's principal office located in San Diego, California, SDG&E has served copies of this RS Filing to those persons on the official service lists in Docket Nos. ER13-941, and ER16-546-000. SDG&E has also served the CPUC, the CAISO, Pacific Gas and Electric Company, Southern California Edison Company and other PTOs that have transferred operational control over their transmission facilities and entitlements to the CAISO.

Respectfully submitted,

/s/Georgetta J. Baker

Georgetta J. Baker

Attorney for

San Diego Gas & Electric Company

GJB:tlg
Enclosures

⁴ 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). This requested waiver is also consistent with the waivers previously granted in SDG&E's RS proceedings, *e.g.*, Docket No. ER08-389 (123 FERC ¶ 61,032 (2008)), and Docket Nos. ER09-451, ER11-2445, ER12-634 and ER14-683).

San Diego Gas & Electric Company

BLACKLINE

Appendix V, Appendix VII

Docket No. ER17-_____ - _____

APPENDIX V

Reliability Services Revenue Requirement

1. The Reliability Services Revenue Requirement of \$3,114,000 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 Users¹

[SEE ATTACHED]

¹ 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	0.00019				1
2						2
3	Small Commercial	0.00015				3
4						4
5	Medium & Large Commercial/Industrial (1)	0.00002	0.04	0.04	0.05	5
6	Vehicle Grid Integration Rate (3)	0.00014				6
7						7
8	Agricultural					8
9	Schedules PA and TOU- PA	0.00011				9
10	Schedules PA-T-1(1)	0.00002	0.02	0.02	0.02	10
11						11
12	Street Lighting	0.00013				12
13						13
14	Standby Rate (2)		0.02	0.02	0.02	14

2017 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
Wholesale RS rate	0.00016

San Diego Gas & Electric Company

RED LINE

Appendix V, Appendix VII

Docket No. ER17-_____ - _____

APPENDIX V

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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	0.000 1943				1
2						2
3	Small Commercial	0.000 1544				3
4						4
5	Medium & Large Commercial/Industrial (1)	0.0000 24	0.04	0.04	0.0 54	5
6	Vehicle Grid Integration Rate (3)	0.0001 44				6
7						7
8	Agricultural					8
9	Schedules PA and TOU- PA	0.000 1107				9
10	Schedules PA-T-1(1)	0.0000 24	0.02	0.02	0.02	10
11						11
12	Street Lighting	0.0001 30				12
13						13
14	Standby Rate (2)		0.02	0.02	0.02	14

2017~~6~~ 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
Wholesale RS rate	0.000162

San Diego Gas & Electric Company

Exhibit No. SDG-1

Prepared Direct Testimony of

Christian A. Soderlund

Docket No. ER17-_____ - _____

1 **UNITED STATES OF AMERICA**
2 **BEFORE THE**
3 **FEDERAL ENERGY REGULATORY COMMISSION**

4 San Diego Gas & Electric Company)

Docket No. ER17-____-000

5 **PREPARED DIRECT TESTIMONY**
6 **OF**
7 **CHRISTIAN A. SODERLUND**
8 **ON BEHALF OF**
9 **SAN DIEGO GAS & ELECTRIC COMPANY**

10 **I. INTRODUCTION**

11 **Q1:** Please state your name and business address for the record.

12 A1: My name is Christian A. Soderlund, and my business address is 9060 Friars Road, San
13 Diego, CA 92108.

14 **Q2: Briefly describe your present responsibilities at San Diego Gas & Electric Company**
15 **(SDG&E or Company).**

16 A2: I am a Senior Energy Administrator in the Electric Grid Operations Department.

17 **Q3: Briefly describe your educational and professional background.**

18 A3: I have a Bachelor of Science in Mechanical Engineering, from Iowa State University, and
19 a Master of Business Administration from the University of San Diego. In addition, I am
20 a Registered Professional Engineer in the state of California. I have been employed at
21 SDG&E since June of 1978. During that time, I have held positions in Electric & Fuel
22 Procurement, Gas System Planning, and a variety of other positions before my current
23 assignment since November of 2004 to administer grid contracts.

24 **Q4: Have you previously testified before the Federal Energy Regulatory Commission**
25 **(FERC or Commission)?**

1 A4: Yes. I previously submitted direct testimony before the Federal Energy Regulatory
2 Commission in Docket Nos. ER09-451-000, ER10-474-000, ER11-2445-000, ER12-634-
3 000, ER13-598-000, ER14-683-000, ER15-175-000, and ER16-546-000.

4 **II. PURPOSE**

5 **Q5: What is the purpose of your testimony?**

6 A5: The purpose of my testimony is to provide a forecast of the charges SDG&E expects to
7 incur in the year 2017 for Reliability Services (RS) from the California Independent
8 System Operator Corporation (CAISO) pursuant to the CAISO Tariff. Additionally, I
9 describe how the RS costs are affected by Resource Adequacy (RA) requirements,
10 mandated by the California Public Utilities Commission (CPUC) to ensure that each
11 public utility procures adequate resources to meet their peak demands and planning and
12 operation reserves, and the CAISO's Market Redesign and Technology Update (MRTU),
13 implemented on April 1, 2009.

14 **Q6: Please summarize SDG&E's 2017 RS Forecast.**

15 A6: As shown in Exhibit No. SDG-1-1, SDG&E's 2017 RS forecast is equal to \$3.09 million,
16 consisting of \$2.72 million for Reliability Must Run (RMR) and \$0.37 million for
17 Exceptional Dispatch.

18 **III. COMPONENTS OF RS COSTS**

19 **Q7: What are the primary components that make up the RS costs charged to SDG&E by 20 the CAISO?**

21 A7: There are two primary cost components of SDG&E's RS charges:

- 22 1) RMR;
- 23 2) Exceptional Dispatch

1 **Q8: Did MRTU eliminate any types of costs historically embedded in RS charges?**

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

4 **Q9: How does the CAISO quantify and allocate RS RMR costs?**

5 A9: Annually, the CAISO conducts Local Capacity Requirement (LCR) studies to identify
6 generating units whose availability and operation is required to ensure the local reliability
7 of the grid. The CAISO contracts with generation owners or operators of these
8 generating units, which are designated as RMR units, to ensure that the CAISO can
9 dispatch the units to meet minimum requirements for local grid reliability. In addition,
10 the CAISO Tariff Section 41.7 states that RMR units can provide reliability benefits in
11 contiguous Participating Transmission Owner (PTO) Service Territories, and in that case,
12 each PTO would have a share of those RMR costs. Needed units that have a RA contract
13 (see RA discussion below) will not be contracted under RMR if the RA contract provides
14 equivalent reliability services. The costs of the RMR units located within SDG&E's
15 service territory or non-service area RMR units in the case that the CAISO has
16 determined a RS benefit to SDG&E are billed to SDG&E by the CAISO. The 2017
17 RMR cost forecast of \$2.72 million is found in Exhibit No. SDG-1-1 Line 4.

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

20 A10: Pursuant to SDG&E's Transmission Owner Tariff, SDG&E records all RS costs and
21 revenues in its Reliability Service Balancing Account (RSBA). The RSBA tracks the
22 cumulative differences between revenues billed by SDG&E for Reliability Services and
23 SDG&E's costs from the CAISO for such services. The difference between the revenues

1 collected from customers and costs incurred result in an over or under-collection. This
2 over or under-collection will be included in the next RS filing, thus ensuring that
3 customers pay no more or no less than SDG&E's actual RS costs. For example, if
4 SDG&E forecasts 2017 RS Costs of \$100 and is charged \$110 by the CAISO, it would
5 create an under-collection in the RSBA of \$10. The \$10 under-collection will be
6 collected in the subsequent RS filing.

7 **IV. RA AND MRTU IMPACTS ON RS COSTS**

8 **Q11: Do RA and RMR both address local transmission reliability issues?**

9 A11: Yes. RA requirements address both local and total system capacity source requirements.

10 The LCR portion of RA overlaps with much of the RMR requirements related to
11 maintaining local transmission reliability. Both LCR and RMR provide the CAISO with
12 local capacity to maintain transmission reliability. The LCR was designed to supply at
13 least as much local capacity as do RMR contracts. Thus, LCR has the potential to
14 eliminate all RMR contracts. However, RMR contracts may still be needed, if RA
15 contracts don't provide adequate quick start, load following, or other features needed to
16 assure local transmission reliability. Finally, the CAISO can rely on the dispatch of
17 either a RA unit or of a RMR unit to provide the real-time energy needed to maintain
18 reliability.

19 **Q12: How has RA affected reliability costs?**

20 A12: RA has moved most of the capacity-related reliability costs from the RS tariff to the Load
21 Serving Entities (LSE) directly contracting for the units. Energy-related reliability costs,
22 however, will remain in RS. More particularly, RA requirements, which the CPUC
23 establishes for each LSE subject to its jurisdiction, have caused LSEs to enter into new

1 RA contracts with owners of units that previously had operated under a RMR contract.
2 Over time, the RA contracts have resulted in units that were previously RMR Condition 2
3 (with full cost recovery) to switch to Condition 1 (with partial cost recovery) or to be no
4 longer under the RMR Contract. Furthermore, the CAISO forgoes placing other units
5 under a RMR contract since some RA contracts supply similar levels of reliability
6 services to the local transmission system. The RA contract capacity payments to the
7 generation owner by the LSE will flow through bundled retail rates rather than through
8 the RS rates. These effects have reduced the capacity payment portion of the RMR
9 contracts currently in the RS rates. Since only two units are forecast to be under a RMR
10 Contract in 2017, variable energy costs for RMR units have also significantly decreased
11 over time. The former RMR energy costs for units now under RA stay in the RS rate
12 under the Exceptional Dispatch category.

13 **Q13: What is the primary effect of the MRTU on RS costs?**

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

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

17 A14: Under MRTU, reliability requirements that cannot be resolved through the CAISO
18 market software will be met by manually issued Exceptional Dispatches. Initially, the
19 CAISO expected that the frequency and duration of Exceptional Dispatches would be
20 very limited under MRTU. During the initial months under MRTU, however, this was
21 not the case. Although the CAISO has taken steps to reduce the need for exercising
22 Exceptional Dispatch, the potential cost of Exceptional Dispatch could be significant if

1 these measures are not successful. Exhibit No. SDG-1-1, Line 8, sets forth the estimated
2 2017 Exceptional Dispatch costs of \$0.37 million.

3 **V. RELIABILITY SERVICES RATE SCHEDULE COST FORECAST**

4 **Q15: How have RS costs changed for 2017?**

5 A15: SDG&E is forecasting that RS costs for 2017 will decrease. Although the Exceptional
6 Dispatch costs are forecast to slightly increase, this increase is offset by a reduction in
7 forecast RMR costs. As described more fully in the Response in A18, SDG&E is
8 forecasting a reduction in its share of RMR costs in 2017 related to the conversion of
9 AES Huntington Beach (AESHB) Generating Station Units 3 and 4 (HB 3 and 4) to
10 RMR voltage support service. For the 2017 RMR forecast, Exhibit No. SDG-1-2 has
11 Line 1 for HB 3 and 4 of \$2.72 million. Exhibit No. SDG-1-2 Line 3 is the 2017
12 Exceptional Dispatch forecast of \$0.37 million.

13 **Q16: Please describe the method used to include variable RMR costs.**

14 A16: SDG&E's variable RMR cost forecast is based on SDG&E's share of the HB 3 and 4
15 Motoring Charge, a variable RMR cost, for the service months of January through
16 December 2015, since SDG&E does not yet have all 2016 service month RMR Invoices.
17 The annual cost is based on the HB 3 and 4 RMR invoice data and then adjusted to
18 SDG&E's 20 percent share of HB 3 and 4 Motoring Charge costs.

19 **Q17: What factors drive RS fixed and variable costs?**

20 A17: RMR fixed costs are driven by four main factors:

- 21 (1) The total capacity costs of all the RMR units;
22 (2) The RMR unit owner's election of Condition 1 or Condition 2;
23 (3) The RMR unit's actual performance for the year (including any penalties); and

1 (4) Capital additions like pollution control equipment (major projects must be
2 approved by CAISO).

3 RMR variable costs are driven by three factors:

4 (1) Local reliability management;

5 (2) Congestion management on non-competitive paths; and

6 (3) RMR Condition 2 Units following Exceptional Dispatch instructions

7 These categories correspond to the three reasons RMR units can be dispatched.

8 RA units, when dispatched for reliability, are done under the CAISO's Exceptional
9 Dispatch Authority.

10 **Q18: Please explain why SDG&E is including RMR costs in 2017 related to the**
11 **conversion of HB 3 and 4 to RMR service.**

12 A18: As a result of the unexpected long-term outage, and eventual shutdown, of San Onofre
13 Nuclear Generating Station Units 2 and 3, the CAISO Board of Governors, in September
14 2012, authorized CAISO Management to designate HB 3 and 4 for RMR service as
15 necessary to provide voltage support in the Los Angeles Basin and San Diego/Imperial
16 Valley local areas by the conversion of HB 3 and 4 to synchronous condensers. On
17 August 24, 2016, CAISO Management recommended to the CAISO Board of Governors
18 that the RMR Contract for HB 3 and 4 be extended for 2017. In the CAISO Board of
19 Governors Meeting on August 31, 2016, the Board of Governors authorized CAISO
20 Management to extend the HB 3 and 4 RMR Contract. On November 1, 2016, AESHB,
21 in ER17-275-000, submitted a request for approval of an extension of contract term for
22 HB 3 and 4 into 2017. In this extension, both units have an Annual Fixed Revenue
23 Requirement component, but only HB 4 has an Annual Capital Item Cost component.

1 Based on this information, the forecasted Annual Capital Item Cost component for HB 3
2 and 4 is lower in 2017 than what was forecast in 2016. As a result, SDG&E is including
3 its 20% share of HB 3 and 4 RMR costs, as found in Docket No.ER17-275-000, in 2017
4 Forecasted Costs in Exhibit No. SDG-1-1 on Line 4.

5 **Q19: Could other RMR costs not being forecast for 2017 occur in 2017?**

6 A19: Yes. The RMR Agreement, in section 2.4 - Effect of Expiration or Termination, states:
7 “Expiration or termination of this Agreement shall not affect the accrued rights and
8 obligations of either Party, including either Party's obligations to make all payments to
9 the other Party pursuant to this Agreement or post-termination audit rights under Section
10 12.2.” Later, in Section 9.1 (b) states that the “Owner will submit to CAISO RMR
11 Invoices for each Month during the term of this Agreement, which are defined in this
12 Section 9.1(b) as follows: (i) Estimated RMR Invoice; (ii) Revised Estimated RMR
13 Invoice; (iii) Adjusted RMR Invoice; and (iv) Revised Adjusted RMR Invoice.” Either
14 or both of these sections could result in RMR invoices being submitted to the CAISO
15 well beyond the service month in which they occurred. If these RMR costs occur, they
16 will be charged to the RSBA.

17 **Q20: Please explain Exceptional Dispatch.**

18 A20: The Exceptional Dispatch portion of RS energy costs is driven by three main factors:

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

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

5 **Q21: How is Exceptional Dispatch priced?**

6 A21: Resources that are exceptionally dispatched are paid at either the Resource-Specific
7 Settlement Interval LMP, their Energy Bid cost, the Default Energy Bid cost, or the
8 Energy Bid cost at a negotiated price, consistent with Section 11 of the CAISO Tariff.

9 **Q22: What are the challenges in forecasting Exceptional Dispatches for RS costs?**

10 A22: At a local level, the Exceptional Dispatch portion of RS costs is affected by four main
11 factors:

- 12 1) SDG&E total load level;
13 2) RMR and RA unit start times and cycling restrictions;
14 3) Import limitations; and
15 4) Planned and forced transmission reconfigurations.

16 The first two local level items can be reasonably modeled, but the last two are difficult to
17 predict. So only a rough forecast can be made for reliability related RS energy.

18 In sum, Exceptional Dispatch is typically driven by either unforeseen or unplanned
19 events or market participant schedules that SDG&E does not and cannot have access to
20 because the CAISO treats this data as confidential. Since the energy price data and the
21 units that could be exceptionally dispatched are not known ahead of time, the 2017
22 forecast is based on Exceptional Dispatch costs recorded in the most recent 12 months.

23 Any differential between the forecasted and actual amount of Exceptional Dispatch costs

1 for the 2017 period will be reflected in the RSBA. The estimate for these Exceptional
2 Dispatch costs for 2017 of \$0.37 million is found in Exhibit No. SDG-1-1, Line 8.

3 **Q23: What other factors make forecasting the variable energy component of RS costs**
4 **difficult for 2017?**

5 A23: As explained previously, it is a challenge to forecast RS energy. Moreover, an additional
6 assumption, i.e., the net contractual cost per MWh, is needed to turn the forecasted
7 energy into an RS cost. For Exceptionally Dispatched units, this net cost per MWh
8 described in A21 is based on market participant schedules that SDG&E does not and
9 cannot have access to because the CAISO treats this data as confidential.

10 **Q24: Could other Exceptional Dispatch costs not forecast for 2017 occur in 2017?**

11 A24: Yes. In the current CAISO Tariff, section 11.29.7, it states that the CAISO will publish:
12 (i) Initial Settlement Statements T+3B on the third (3) Business Day from the relevant
13 Trading Day (T+3B), (ii) Recalculation Settlement Statements T+12B on the twelfth (12)
14 Business Day from the relevant Trading Day (T+12B), (iii) Recalculation Settlement
15 Statements T+55B on the fifty-fifth (55) Business Day from the relevant Trading Day
16 (T+55B), (iv) Recalculation Settlement Statements T+9M on the one-hundred and ninety-
17 fourth (194) Business Day after the Trading Day, which is approximately nine (9) months
18 after the Trading Day (T+9M) if necessary, (v) Recalculation Settlement Statements
19 T+18M on the three hundred and eighty third (383) Business Day after the Trading Day,
20 which is approximately eighteen (18) calendar months from the relevant Trading Day
21 (T+18M) if necessary, (vi) Recalculation Settlement Statements T+35M on the seven
22 hundred and thirty-seventh (737) Business Day after the Trading Day, which is
23 approximately thirty-five (35) calendar months from the relevant Trading Day (T+35M)

1 if necessary, (vii) Recalculation Settlement Statements T+36M on the seven hundred and
2 fifty-ninth (759) Business Day after the Trading Day, which is approximately thirty-six
3 (36) calendar months from the relevant Trading Day (T+36M) if necessary, and (viii) any
4 Unscheduled Recalculation Settlement Statement issued pursuant to CAISO Tariff
5 Section 11.29.7.3. To the extent the CAISO produces any additional RS costs according
6 to the settlement cycle above, these RS costs will be charged to the RSBA.

7 **Q25: Could other RS costs occurring prior to the Go Live date of MRTU, April 1, 2009 be**
8 **invoiced in 2017?**

9 A25: Yes. Although not anticipated, in the event the CAISO determines or is required to rerun
10 a period that occurred prior to the April 1, 2009, which could involve RS charges, the
11 CAISO's Business Practice Manual for Settlements and Billing, 3.3.2-Historic Rerun
12 Pass Through Bills, provides a process for billing these Historic Rerun charges in 2017.
13 To the extent these RS costs occur, they will be charged to the RSBA.

14 **Q26: What is the expected fixed component of RS costs for 2017?**

15 A26: The fixed component of RS costs for 2017 of \$2.68 million is found in Exhibit No. SDG-
16 1-1 Line 11.

17 **Q27: What is the expected variable component of RS costs for 2017?**

18 A27: The variable component of RS costs for 2017 of \$0.41 million is found in Exhibit No.
19 SDG-1-1 Line 12.

20 **Q28: What are the expected total RS costs for 2017?**

21 A28: The expected total RS Revenue Requirement for 2017 is found in Statement BK (RS
22 Revenue Requirement). SDG&E witness, Kaitlin J. Corrigan, (Exhibit No. SDG-2),
23 sponsors Statement BK. Statement BK includes the over-collected RS balance as of

1 November 30, 2016 of \$0.01 million and the total 2017 RS Forecast of \$3.09 million.

2 See Exhibit No. SDG-1-1, Line 16 and Line 13, respectively.

3 **Q29: Does this conclude your testimony?**

4 A29: Yes, it does.

5

SDG&E 2017 Costs Included in RS Rate (Exhibit No. SDG-1-1)

Line #		2017 Forecasted Costs 000's	
1	RMR (Reliability Must-Run) Costs		1
2	Fixed (Capacity)	2676.4	
3	Variable (Energy)	40.6	2
4		2717.0	
5			
6	MRTU Exceptional Dispatch		
7	Variable (Energy)	369.7	3
8		369.7	
9			
10	Total RS		
11	Fixed (Capacity)	2676.4	
12	Variable (Energy)	410.3	
13		3086.6	
14			
15			
16	RSBA November 2016 Ending Amount	-10.1	4
17	2017 RS Amount Before FFU (Line 13 Plus Line 15)	3076.6	
18	Franchise Fees @ 1.0277% (line #16 X 1.0277%)	31.6	
19	Uncollectibles Rate @ .174% (line #16 X .174%)	5.4	
20			
21			
22	Total 2017 RS Revenue Requirement (Line 16+18+20)	3113.5	
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			

Footnotes

- 1 The fixed RMR costs are based on the conversion and operation of AES Huntington Beach Units 3&4 as Synchronous Condensers in ER13-1630-000, ER13-1630-001, and ER17-275-000.
- 2 RMR Variable Energy based on SDG&E's AESHB 3&4 Motoring Charge forecast for 2017 using January through December 2015 service month data
- 3 Exceptional Dispatch (Variable Energy) based on SDG&E forecast for 2017 using costs recorded in the most recent 12 months
- 4 FFU is Franchise Fees and Uncollectibles

SDG&E 2017 Costs, in \$000, Included in RS Rate (Exhibit No. SDG-1-2)

Line #	Unit(s) Owner	Cost by Owner
1	AES Huntington Beach (RMR)	\$ 2,717.0
2	RMR Subtotal	\$ 2,717.0
3	Exceptional Dispatch	\$ 369.7
4		
5		
6		
7		

8	Capacity RS Costs	\$ 2,676.4
9	Energy RS Costs	\$ 410.3
10	Total RS	\$ 3,086.6

VERIFICATION

State of California)
County of San Diego)

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

Christian A. Soderlund
Christian A. Soderlund

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego

Subscribed and sworn to (or affirmed) before me on this 14 day of December 2016, by Christian A. Soderlund, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Linda M. Baker

Notary Public



San Diego Gas & Electric Company

Exhibit No. SDG-2

Prepared Direct Testimony of

Kaitlin J. Corrigan

Docket No. ER17-_____ - _____

1 **UNITED STATES OF AMERICA**
2 **BEFORE THE**
3 **FEDERAL ENERGY REGULATORY COMMISSION**

4 San Diego Gas & Electric Company) Docket No. ER_____

5 **PREPARED DIRECT TESTIMONY OF**
6 **KAITLIN J. CORRIGAN**
7 **ON BEHALF OF**
8 **SAN DIEGO GAS & ELECTRIC COMPANY**

9 **Q1. Please state your name, position and place of employment.**

10 A1. My name is Kaitlin J. Corrigan, and I am a Project Manager in the Customer Pricing
11 department for San Diego Gas & Electric Company (SDG&E). My business address is
12 8330 Century Park Court, San Diego, CA 92123-1530.

13 **Q2. Please summarize your education.**

14 A2. I received a Bachelor of Arts degree in Economics, with minors in Mathematics and
15 Accounting, from the University of San Diego in 2010.

16 **Q3. Please describe your professional experience and employment history.**

17 A3. In my current role, one of my responsibilities is to develop and analyze transmission
18 revenue requirements, retail cost allocation, and rate design for SDG&E in proceedings
19 before the Federal Energy Regulatory Commission (FERC or Commission). I have been
20 employed by SDG&E since July 2010. During that time, I have held positions in Energy
21 Efficiency, Demand Response and Customer Pricing.

22 **I. ORGANIZATION OF TESTIMONY**

23 **Q4. How is your testimony organized?**

24 A4. My testimony is organized into the following sections:

25 I. Organization of Testimony;

1 II. Introduction and Purpose of Testimony;

2 III. Development of SDG&E's Reliability Services (RS) Rates;

3 IV. Revisions to Appendix VII; and

4 V. Summary

5 **II. INTRODUCTION AND PURPOSE OF TESTIMONY**

6 **Q5. What is the purpose of your testimony?**

7 A5. The purpose of my testimony is to present proposed 2017 RS retail and wholesale rates
8 for SDG&E customers. In addition, my testimony presents proposed conforming
9 revisions to SDG&E FERC Electric Tariff, Volume 11, Appendix VII (Appendix VII).
10 Specifically, my testimony addresses the following:

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

15 **III. DEVELOPMENT OF SDG&E'S RS RATES**

16 **A. RS Cost Components Used to Develop SDG&E's RS Cost of Service**

17 **Q6. Please describe how the RS cost components are used to develop RS revenue
18 requirement components in the instant filing.**

19 A6. Statement BK (Derivation of RS Revenue Requirement), page 1, shown in Exhibit No.
20 SDG-3, derives SDG&E's total RS Revenue Requirement of \$3.11 million. Lines 8 and
21 9 show the demand and energy cost components of \$2.68 million and \$0.41 million,
22 respectively, brought forward from Statement AH (Operation and Maintenance
23 Expenses), as shown in Exhibit No. SDG-3. Lines 2 and 3 show the demand and energy

1 cost components (\$0.010) million and (\$0.001) million , respectively, of the RS
2 Balancing Account over-collection of (\$0.010) million. The balancing account reflects
3 the RS revenue and RS expense activity for the period 12-months ending November
4 2016. Lines 16 and 17 reflect SDG&E's applicable city franchise fee and uncollectible
5 rates of \$0.032 million and \$0.005 million, respectively, which need to be added to the
6 RS costs. Line 19 shows the total RS Revenue Requirement of \$3.11 million.
7 Statement BK, page 1, separates the RS Revenue Requirement into demand and energy
8 cost components that are used for customer class allocation and rate design purposes.

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

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

12 A7. Consistent with Letter Order issued February 10, 2016, in Docket No. ER 16-546
13 (Order), SDG&E allocated RS costs to its sole wholesale customer on the basis of energy.
14 SDG&E used this method to remain consistent with the methodology used to charge
15 customer class for High Voltage and Low Voltage Transmission service under the
16 California Independent System Operator's (CAISO) Tariff. Under the CAISO tariff,
17 wholesale customers are allocated and assigned fixed transmission costs using an energy
18 allocation methodology.

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

21 A8. In Statement BL (Rate Design Information), page 2, shown in Exhibit No. SDG-3, I first
22 calculated an average per kWh rate by dividing total RS Revenue Requirements of \$3.11
23 million from Statement BK, demand plus energy costs, by the total energy sales for all of

1 SDG&E's customers, adjusted by adding the distribution losses to reflect the data as if
2 measured at the transmission level. I then multiplied this energy rate by SDG&E's single
3 wholesale customer's annual energy sales to derive the amount of RS revenues allocated
4 or applicable to the wholesale customer. Once I derived the RS revenues applicable to
5 the wholesale customer, I subtracted this amount from the total RS revenues to derive
6 revenues applicable to retail End Use Customers. This calculation is shown on Statement
7 BL, page 2, at the bottom of the page. Once I subtracted the wholesale revenue from the
8 total RS Revenue Requirement, I then separated the total RS Revenue Requirement in
9 proportion to the total RS demand and energy costs, as shown at the bottom of page 2. I
10 then carried forward total demand and energy to Statement BL, pages 3 and 4, and
11 allocated the total to each customer class.

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

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

14 A9. SDG&E is proposing to allocate its RS costs consistent with the Order. Specifically,
15 SDG&E has allocated its fixed or demand related RS costs to retail customers using a 12
16 coincident peak methodology (12-CP) as shown in Exhibit SDG-3, Statement BB
17 (Allocation Demand & Capability Data). Statement BB, shows a 5-year historical
18 average for each customer class.

19 This data is for the 5-year period ending December 31, 2013, using SDG&E's most
20 current available information. The 5-year average is used to smooth out annual customer
21 class contributions to system peak data to provide customer class stability. As additional
22 yearly data is available, SDG&E will add the most current year of data and drop the
23 oldest data to maintain a running 5-year average. Once the 5-year average is developed,

1 the 12-CP data, shown in Statement BB, is adjusted by adding the distribution losses for
2 each customer class to reflect the data as if it were measured at the transmission level,
3 consistent to what was done when developing the wholesale rate. Allocation of fixed
4 costs using all data at the transmission level will ensure that customer classes are
5 allocated demand costs on a consistent and equitable basis.

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

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

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

12 A11. Statement BL, page 3, shows the amount of demand costs allocated to each customer
13 class using the 12-CP demand allocation factor. Statement BL, page 4, shows the amount
14 of energy costs allocated to each customer class using the energy allocation factor. The
15 sum of the demand and energy costs allocated to each customer class is summarized on
16 Statement BL, page 5, Column C. This total represents the total RS Revenue
17 Requirement for each customer class.

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

19 **Q12. What rate design is SDG&E using to recover the RS revenue requirement in RS**
20 **rates?**

21 A12. SDG&E is using the same rate design which was adopted in Letter Order issued June 6,
22 2016 in Docket No. ER16-1374, and became effective June 7, 2016. The customer

1 classes, reflecting the current designations established by the California Public Utilities
2 Commission (CPUC), are as follows:

- 3 • **Residential Customers** – DR, DR-LI, DR-TOU, TOU-DR, EV-TOU, EV-TOU-2,
4 DR-SES, DM, DS, DT, DT-RV, TOU-DR-E1, TOU-DR-E2 and TOU-DR-E3.
- 5 • **Small Commercial Customers** – A, A-TC, A-TOU, and TOU-A.
- 6 • **Medium & Large Commercial/Industrial Customers** – AD, AY-TOU, AL-TOU,
7 DG-R, A6-TOU, OL-TOU and the Vehicle Grid Integration (VGI) Pilot Program.
- 8 • **Agricultural** – PA, TOU-PA, and PA-T-1.
- 9 • **Street Lighting** – DWL, OL-1, OL-2, LS-1, LS-2, and LS-3.
- 10 • **Standby Service** – S.

11 The CPUC adopted the VGI Pilot Program in Decision 16-01-045. The Commission
12 approved the VGI-related proposed revisions to Appendix IX (rate design) and Appendix
13 VII (RS) by Letter Order, issued June 6, 2016 (155 FERC ¶61,244 (2016)), in Docket
14 No. ER16-1374. The proposed VGI-related revisions became effective June 7, 2016.

15 **Q13. Is SDG&E proposing any rate design changes in this proceeding?**

16 A13. No. SDG&E is not proposing any changes in its rate design methodology for RS in this
17 proceeding.

18 **Q14. What are the proposed retail and wholesale RS rates, by rate class, that SDG&E is**
19 **proposing?**

20 A14. The proposed retail and wholesale rates are shown in Exhibit No. SDG-3, Statement BL,
21 page 1.

22 **Q15. How did you develop the rates shown in Exhibit No. SDG-3, Statement BL?**

1 A15. On Statement BL, pages 7 through 14, I show the derivation of each rate. The first step
2 in the rate design process is to take the revenue requirement for each customer class, as
3 shown on page 5, Column C, and design the rates based on 2017 forecasted billing
4 determinants to collect this applicable revenue requirement. The rate design on pages 7
5 through 14 are explained in the explanatory notes that are shown in the reference column
6 of each page. After designing each rate, I rounded each rate to the appropriate significant
7 digit used by SDG&E for billing purposes. I then used the rounded rate to verify that it
8 proved out to recover the revenue requirement of the applicable customer class would be
9 recovered. This revenue proof on Column B of page 6 shows the difference between
10 customer class revenue requirements and proof of revenues to ensure that SDG&E
11 collects its entire RS revenue requirement.

12 **Q16. In deriving the RS rates for the Medium & Large Commercial/Industrial class,**
13 **Schedule PA-T-1 of the Agricultural class, and Standby class, did you recognize the**
14 **fact that these customers are served at different voltage levels?**

15 A16. Yes I did. In recognition of the fact that customers in these rate classes are served at
16 secondary, primary, and transmission voltage levels, SDG&E derived three voltage-
17 differentiated RS demand rates for these classes. Exhibit No. SDG-3, Statement BL,
18 pages 9, 12, and 14 show the derivation of these rates for the Medium & Large
19 Commercial/Industrial class, Schedule PA-T-1 of the Agricultural class, and Standby
20 class, respectively.

21 **IV. RATE REVISIONS TO APPENDIX VII**

22 **Q17. What revisions to SDG&E Appendix VII are you sponsoring?**

23 A17. I am sponsoring the revised RS rates in Appendix VII as follows:

- 1 • Appendix VII – Revised RS rates by End-Use-Customer class applicable to 2017
- 2 service.
- 3 • Appendix VII – Revised 2017 Wholesale RS Rate applicable to SDG&E’s lone
- 4 wholesale customer.

5 **Q18. Are you including the complete Appendix VII at this time to incorporate these**
6 **revisions?**

7 A18. Yes. Attachments No. 1 and No. 2 provide clean and redline versions of Appendix VII,
8 respectively, reflecting the revisions discussed above.

9 **V. SUMMARY**

10 **Q19. What is your testimony recommending?**

11 A19. My testimony recommends that the Commission approve SDG&E’s 2017 RS retail and
12 wholesale rates as proposed.

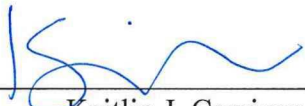
13 **Q20. Does this conclude your testimony?**

14 A20. Yes, it does.

VERIFICATION

State of California)
County of San Diego)

Kaitlin J. Corrigan, being first duly sworn, on oath, says that she is Kaitlin J. Corrigan, identified in the foregoing Prepared Direct Testimony, that she prepared or caused to be prepared such testimony on behalf of San Diego Gas & Electric Company; that the answers appearing therein are true to the best of her knowledge and belief, and that if asked the questions appearing therein, her answers would, under oath, be the same.



Kaitlin J. Corrigan

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego

Subscribed and sworn to (or affirmed) before me on this 13 day of December 2016, by Kaitlin J. Corrigan, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.



Notary Public



San Diego Gas & Electric Company

Exhibit No. SDG-3

Reliability Service Filing Cost Statements

Docket No. ER17-_____ - _____

Exhibit No. SDG-3

San Diego Gas & Electric Company

2017 Reliability Service - Cost Statements

Table of Contents

- A. Statement AH - Operation and Maintenance Expenses**
 - Estimated RS costs forecast for 2017.

- 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 2017.
 - Monthly retail revenues using proposed rates during the Rate Effective Period of January through December 2017.

- E. Statement BH - Revenue Data to Reflect Present Rates**
 - Monthly retail revenues using current rates during the Rate Effective Period of January through December 2017.

- F. Statement BK -Derivation of RS Revenue Requirement**

- G. Statement BL -Rate Design Information**
 - Summary of proposed retail rates for Residential Customers, Small Commercial Customers, Medium-Large Commercial Customers, Streetlighting Customers, and Standby Customers.
 - Allocation of demand related costs
 - Allocation of energy related costs.
 - Summary of demand and energy costs.
 - Proof of revenues
 - Individual customer class rate design for Residential Customers, Small Commercial Customers, Medium-Large Commercial Customer, Vehicle Grid Integration Pilot Customers, Street Lighting Customers and Standby Customers.

San Diego Gas & Electric Company

Statement – AH Operation and Maintenance Expenses

Docket No. ER17-_____ - _____

Statement AH
SAN DIEGO GAS AND ELECTRIC COMPANY
For Rate Effective Period January thru December 31, 2017
Operating and Maintenance Expenses
(\$1,000)

Line No.	Category	Amounts	Reference	Line No.
1	Forecast Demand Costs	\$ 2,676	C. Soderlund Testimony; Exhibit No. SDG-1-2; Line 8	1
2				2
3	Forecast Energy Costs	\$ 410	C. Soderlund Testimony; Exhibit No. SDG-1-2; Line 9	3
4				4
5	Total	\$ 3,087	Line 1 + Line 3	5

San Diego Gas & Electric Company

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

Docket No. ER17-_____ - _____

Statement BB
SAN DIEGO GAS AND ELECTRIC COMPANY
Allocation Demand and Capability Data
2017 Reliability Services (RS) Filing
(Information Based on Five-Year Average Recorded Data: 2009 - 2013)

Line No.	Customer Class	(a) 5-Year Average Of 12-CPS Kilowatts @ Meter Level ¹	(b) Transmission Loss Factors ²	(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	16,086,042	1.0475	16,850,129	42.40%	Statement BB, Page 2, Line 4	1
2	Small Commercial Customers	4,048,835	1.0475	4,241,155	10.67%	Statement BB, Page 2, Line 5	2
3	Medium-Large Commercial Customers						3
4	Secondary	12,147,759	1.0475	12,724,778	32.02%	Statement BB, Page 2, Line 29	4
5	Primary	3,391,249	1.0110	3,428,553	8.63%	Statement BB, Page 2, Line 30	5
6	Transmission	1,332,879	1.0065	1,341,543	3.38%	Statement BB, Page 2, Line 31	6
7	Total Medium-Large Commercial	16,871,888	1.0369	17,494,874	44.03%	Sum Lines 4; 5; 6	7
8							8
9	Agricultural						9
10	Secondary	326,109	1.0475	341,599	0.86%	Statement BB, Page 2, Line 7 plus Line 43	10
11	Primary	42,520	1.0110	42,988	0.11%	Statement BB, Page 2, Line 44	11
12	Transmission	-	1.0065	-	0.00%	Statement BB, Page 2, Line 45	12
13	Total Agricultural	368,629	1.0433	384,587	0.97%	Sum Lines 10; 11; 12	13
14							14
15	Street Lighting Standby Customers	134,171	1.0475	140,544	0.35%	Statement BB, Page 2, Line 9	15
16							16
17	Secondary	35,194	1.0475	36,866	0.09%	Statement BB, Page 2, Line 35	17
18	Primary	357,700	1.0110	361,635	0.91%	Statement BB, Page 2, Line 36	18
19	Transmission	226,022	1.0065	227,491	0.57%	Statement BB, Page 2, Line 37	19
20	Total Standby Customers	618,916	1.0114	625,992	1.58%	Sum Lines 17; 18; 19	20
21							21
22	System Total	38,128,481	1.04219	39,737,281	100.00%	Sum Lines 1; 2; 7; 13; 15; 20	22

Notes:

- ¹ SDG&E Load Research Data: 2009 - 2013.
- ² The Transmission Loss Factor rates were determined using 2015 historical information. The Loss Factors will now be updated on a yearly basis.
- ³ Statement BB information comes from the Statement BB in the annual transmission rate case filing, Docket No. ER17-470-000, filed December 1, 2016

Line
No.

SDG&E Load Research Data: 2009-2013
Sum of 12 Coincident Peaks By Customer Class

Line
No.

Customer Class	2009	2010	2011	2012	2013	5-Year Average
KW						
Residential	15,850,027	16,014,623	15,237,336	16,524,193	16,804,031	16,086,042
Small Commercial	4,255,261	3,864,923	4,098,701	3,938,733	4,086,556	4,048,835
Med & Large Comm/Ind	18,082,472	17,758,963	17,652,022	17,103,728	16,856,833	17,490,804
PA	123,348	112,450	143,951	121,150	98,964	119,973
PAT1	210,611	183,703	233,600	244,207	371,161	248,656
Lighting	<u>139,195</u>	<u>163,704</u>	<u>127,130</u>	<u>141,103</u>	<u>99,724</u>	<u>134,171</u>
Total System	38,660,914	38,098,366	37,492,740	38,073,114	38,317,269	38,128,481
% of Total System						
Residential	41.0%	42.0%	40.6%	43.4%	43.9%	42.2%
Small Commercial	11.0%	10.1%	10.9%	10.3%	10.7%	10.6%
Med & Large Comm/Ind	46.8%	46.6%	47.1%	44.9%	44.0%	45.9%
PA	0.3%	0.3%	0.4%	0.3%	0.3%	0.3%
PAT1	0.5%	0.5%	0.6%	0.6%	1.0%	0.7%
Lighting	0.4%	0.4%	0.3%	0.4%	0.3%	0.4%
Total System	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Medium & Large C/I Breakdown: Service Voltage Level & Standby Demand						
Customer Class						5-Year Average
KW						
Med & Large Comm/Ind						
Secondary						12,147,759
Primary						3,391,249
Transmission						<u>1,332,879</u>
Subtotal						16,871,888
Standby						
Secondary						35,194
Primary						357,700
Transmission						<u>226,022</u>
Subtotal						618,916
Med & Large Comm/Ind Total						17,490,804
PAT1						
Secondary						206,136
Primary						42,520
Transmission						<u>0</u>
Subtotal						248,656

San Diego Gas & Electric Company

Statement – BD Allocation Energy and Supporting Data

Docket No. ER17-_____ - _____

Statement BD
SAN DIEGO GAS AND ELECTRIC COMPANY
Allocation Energy and Supporting Data
Rate Effective Period - (January 1, 2017 - December 31, 2017)

Line No.	Months	(a)		(b)	(c) = (a) - (b)		Reference	Line No.
		Retail Energy Sales @ Meter Level	Retail Energy Sales @ Transmission Level		Sale for Resale (City of Escondido)	Retail Energy Sales @ Transmission Level		
1	January-17	1,663,892	1,663,889	3	1,663,889	Statement BD; Page 3.1; Line 10	1	
2	February-17	1,540,780	1,540,777	3	1,540,777	Statement BD; Page 3.1; Line 10	2	
3	March-17	1,514,609	1,514,606	3	1,514,606	Statement BD; Page 3.1; Line 10	3	
4	April-17	1,471,813	1,471,810	3	1,471,810	Statement BD; Page 3.1; Line 10	4	
5	May-17	1,503,669	1,503,666	3	1,503,666	Statement BD; Page 3.1; Line 10	5	
6	June-17	1,573,582	1,573,580	3	1,573,580	Statement BD; Page 3.1; Line 10	6	
7	July-17	1,744,977	1,744,974	3	1,744,974	Statement BD; Page 3.1; Line 10	7	
8	August-17	1,737,892	1,737,890	3	1,737,890	Statement BD; Page 3.1; Line 10	8	
9	September-17	1,939,570	1,939,567	3	1,939,567	Statement BD; Page 3.1; Line 10	9	
10	October-17	1,720,677	1,720,674	3	1,720,674	Statement BD; Page 3.1; Line 10	10	
11	November-17	1,583,903	1,583,900	3	1,583,900	Statement BD; Page 3.1; Line 10	11	
12	December-17	1,606,529	1,606,526	3	1,606,526	Statement BD; Page 3.1; Line 10	12	
13								
14	Sub-Total	19,601,893	19,601,858	35	19,601,858	Sum Lines 1 thru 12	13	
15								

Statement BD
SAN DIEGO GAS AND ELECTRIC COMPANY
Allocation Demand and Capability Data
2017 Reliability Service (RS) Filing ¹

Line No.	Customer Class	(a) Energy MWH @ Meter Level	(b) Transmission Loss Factors	(c) = (a) x (b) Energy MWH @ Transmission Level	Energy Allocation Factors @ Transmission Level	Line No.
1	Residential Customers	6,803,202	1.0475	7,126,354	34.89%	1
2	Small Commercial Customers	2,241,266	1.0475	2,347,727	11.49%	2
3	Medium-Large Commercial Customers					3
4	Secondary	7,327,123	1.0475	7,675,162	37.58%	4
5	Primary	2,047,263	1.0110	2,069,783	10.13%	5
6	Transmission	792,122	1.0065	797,271	3.90%	6
7	Total Medium-Large Commercial	10,166,508		10,542,215	51.62%	7
8						8
9	Agricultural (Schedules PA, TOU-PA and PA-T-1)					9
10	Schedules PA and TOU-PA	84,038	1.0475	88,030	0.43%	10
11						11
12	Schedule PA-T-1					12
13	Secondary	182,763	1.0475	191,444	0.94%	13
14	Primary	37,726	1.0110	38,141	0.19%	14
15	Transmission	-	1.0065	-	0.00%	15
16	Total Agricultural - Schedule PA-T-1	220,488		229,585	1.12%	16
17						17
18	Street Lighting Customers	86,354	1.0475	90,456	0.44%	18
19	Standby Customers	-				19
20						20
21	Total	19,601,858		20,424,367	100.00%	21

Notes:

¹ Forecasted systems delivery determinants.

**San Diego Gas & Electric
FERC Forecast Period: January 2017 - December 2017 (August 2016 Updated Forecast)**

SDG&E: System Delivery Determinants													
Line No.	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
Customer Class Deliveries (MWh)													
1 Residential	640,413	552,154	527,435	485,754	488,387	511,513	586,565	604,240	696,544	594,510	526,870	588,818	6,803,202
2 Small Commercial	184,101	176,721	175,968	172,750	175,916	183,631	201,085	199,938	217,207	196,523	180,134	177,291	2,241,266
3 Med. & Large Comm./Ind. (AD)	2,707	2,684	2,688	2,603	2,681	2,781	2,942	2,993	3,300	2,932	2,636	2,487	33,432
4 Med. & Large Comm./Ind. (excluding AD/A6-TOU)	741,016	723,514	723,658	718,791	740,128	777,684	841,529	827,929	910,075	827,247	775,568	743,640	9,350,780
5 Med. & Large Comm./Ind. (A6-TOU)	68,839	58,462	58,274	62,758	63,703	61,378	73,691	65,343	72,790	64,353	66,735	65,969	782,296
6 Agriculture (TOU-PA)	4,913	5,372	5,025	6,021	6,882	8,103	8,998	8,712	9,250	8,042	6,991	5,730	84,038
7 Agriculture (PA-T-1)	14,458	14,767	14,430	16,203	18,986	21,208	22,789	21,696	23,002	20,000	17,804	15,145	220,488
8 Lighting	7,441	7,104	7,128	6,929	6,983	7,282	7,374	7,038	7,399	7,067	7,163	7,445	86,354
9 Sale for Resale	3.0	2.9	2.9	2.8	2.8	2.9	3.0	2.8	3.0	2.8	2.9	3.0	34.8
Total System	1,663,892	1,540,780	1,514,609	1,471,813	1,503,669	1,573,582	1,744,977	1,737,892	1,939,570	1,720,677	1,583,903	1,606,529	19,601,893
Med. & Large Comm./Ind.													
Rate Schedule Billing Determinants													
Schedule AD:													
Total Deliveries (MWh)	2,707	2,684	2,688	2,603	2,681	2,781	2,942	2,993	3,300	2,932	2,636	2,487	33,432
Total Deliveries (%)													
% @ Secondary Service	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%
% @ Primary Service	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%
% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Deliveries (MWh)	2,638	2,615	2,619	2,537	2,612	2,710	2,867	2,917	3,216	2,857	2,568	2,423	32,580
MWh @ Secondary Service	69	68	69	66	68	71	75	76	84	75	67	63	853
MWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
MWh @ Transmission Service	2,707	2,684	2,688	2,603	2,681	2,781	2,942	2,993	3,300	2,932	2,636	2,487	33,432
Maximum Demand (%)													
% @ Secondary Service	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%
% @ Primary Service	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%
% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
Maximum Demand (MW)													
MW @ Secondary Service	11,305	11,209	11,225	10,874	11,197	11,617	12,287	12,502	13,782	12,244	11,008	10,386	139,637
MW @ Primary Service	0.147	0.146	0.146	0.141	0.145	0.151	0.160	0.162	0.179	0.159	0.143	0.135	1.813
MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	11,452	11,355	11,371	11,015	11,342	11,768	12,447	12,664	13,961	12,403	11,151	10,521	141,450

**San Diego Gas & Electric
FERC Forecast Period: January 2017 - December 2017 (August 2016 Updated Forecast)**

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
Schedules OL-TOU/AY-TOU/AL-TOU/DG-R:													
Total Deliveries (MWh)	741,016	723,514	723,658	718,791	740,128	777,684	841,529	827,929	910,075	827,247	775,568	743,640	9,350,780
Total Deliveries (%)													
% @ Secondary Service	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%
% @ Primary Service	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%
% @ Transmission Service	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%
100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Total Deliveries (MWh)													
MWh @ Secondary Service	578,067	564,413	564,526	560,729	577,374	606,671	656,477	645,867	709,950	645,355	605,021	580,114	7,294,543
MWh @ Primary Service	152,872	149,261	149,291	148,287	152,688	160,436	173,608	170,802	187,748	170,661	160,000	153,413	1,929,066
MWh @ Transmission Service	10,078	9,840	9,842	9,776	10,066	10,576	11,445	11,260	12,377	11,251	10,548	10,114	127,171
741,016	723,514	723,658	718,791	740,128	777,684	841,529	827,929	910,075	910,075	827,247	775,568	743,640	9,350,780
Non-Coincident Demand (%)													
% @ Secondary Service	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%
% @ Primary Service	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%
% @ Transmission Service	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%
Non-Coincident Demand (MW)													
MW @ Secondary Service	1,598.933	1,561.168	1,561.478	1,550.976	1,597.016	1,678.052	1,815.816	1,786.469	1,963.721	1,784.997	1,673.488	1,604.594	20,176.707
MW @ Primary Service	323.782	316.135	316.198	314.071	323.394	339.804	367.701	361.758	397.651	361.460	338.880	324.929	4,085.762
MW @ Transmission Service	17.687	17.269	17.272	17.156	17.665	18.562	20.086	19.761	21.722	19.745	18.511	17.749	223.184
1,940.401	1,894.571	1,894.947	1,882.203	1,938.076	2,036.417	2,203.602	2,167.989	2,383.093	2,166.202	2,030.879	1,947.272	24,485.653	
On-Peak Demand (%)													
% @ Secondary Service	0.2304%	0.2304%	0.2304%	0.2304%	0.2553%	0.2553%	0.2553%	0.2553%	0.2553%	0.2553%	0.2304%	0.2304%	0.2435%
% @ Primary Service	0.2073%	0.2073%	0.2073%	0.2073%	0.2238%	0.2238%	0.2238%	0.2238%	0.2238%	0.2238%	0.2073%	0.2073%	0.2160%
% @ Transmission Service	0.2669%	0.2669%	0.2669%	0.2669%	0.3638%	0.3638%	0.3638%	0.3638%	0.3638%	0.3638%	0.2669%	0.2669%	0.3179%
On-Peak Demand (MW)													
MW @ Secondary Service	1,331.866	1,300.409	1,300.667	1,291.920	1,474.036	1,548.831	1,675.986	1,648.900	1,812.501	1,647.541	1,393.968	1,336.582	17,763.205
MW @ Primary Service	316.903	309.418	309.479	307.398	341.717	359.056	388.534	382.254	420.181	381.939	331.680	318.025	4,166.584
MW @ Transmission Service	26.898	26.262	26.268	26.091	36.619	38.477	41.636	40.963	45.028	40.930	28.152	26.993	404.317
1,675.666	1,636.089	1,636.414	1,625.409	1,852.372	1,946.364	2,106.156	2,072.117	2,277.710	2,070.410	1,753.800	1,681.600	22,334.106	
77													
78													

**San Diego Gas & Electric
FERC Forecast Period: January 2017 - December 2017 (August 2016 Updated Forecast)**

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
Schedule AG-TOU:													
Total Deliveries (MWh)	68,839	58,462	58,274	62,758	63,703	61,378	73,691	65,343	72,790	64,353	66,735	65,969	782,296
Total Deliveries (%)													
% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
% @ Primary Service	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
% @ Transmission Service	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Total Deliveries (MWh)													
MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
MWh @ Primary Service	10,326	8,769	8,741	9,414	9,555	9,207	11,054	9,801	10,919	9,653	10,010	9,895	117,344
MWh @ Transmission Service	58,514	49,693	49,533	53,344	54,147	52,171	62,638	55,542	61,872	54,700	56,725	56,074	664,952
	68,839	58,462	58,274	62,758	63,703	61,378	73,691	65,343	72,790	64,353	66,735	65,969	782,296
Non-Coincident Demand (%)													
% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
% @ Primary Service	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%
% @ Transmission Service	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%
Non-Coincident Demand (MW)													
MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MW @ Primary Service	19.217	16.320	16.267	17.519	17.783	17.134	20.571	18.241	20.319	17.964	18.629	18.415	218.378
MW @ Transmission Service	104.213	88.503	88.218	95.006	96.436	92.916	111.558	98.920	110.194	97.421	101.026	99.867	1,184.279
	123.429	104.823	104.486	112.525	114.219	110.050	132.128	117.161	130.513	115.385	119.655	118.283	1,402.657
Coincident Peak Demand (%)													
% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
% @ Primary Service	0.1256%	0.1256%	0.1256%	0.1256%	0.1387%	0.1387%	0.1387%	0.1387%	0.1387%	0.1387%	0.1256%	0.1256%	0.1323%
% @ Transmission Service	0.1386%	0.1386%	0.1386%	0.1386%	0.1410%	0.1410%	0.1410%	0.1410%	0.1410%	0.1410%	0.1386%	0.1386%	0.1398%
Coincident Peak Demand (MW)													
MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MW @ Primary Service	12.969	11.014	10.979	11.824	13.253	12.770	15.331	13.595	15.144	13.389	12.573	12.429	155.269
MW @ Transmission Service	81.100	68.874	68.653	73.935	76.348	73.561	88.319	78.314	87.239	77.127	78.620	77.718	929.609
	94.069	79.888	79.632	85.759	89.601	86.331	103.650	91.909	102.383	90.516	91.193	90.147	1,085.078
112													
113													
114													

**San Diego Gas & Electric
FERC Forecast Period: January 2017 - December 2017 (August 2016 Updated Forecast)**

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
123	Schedule PA-T-1:												
124	14,458	14,767	14,430	16,203	18,986	21,208	22,789	21,696	23,002	20,000	17,804	15,145	220,488
125	Total Deliveries (MWh)												
126	Total Deliveries (%)												
127	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%
128	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%
129	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%
130	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%
131	Total Deliveries (MWh)												
132	11,984	12,240	11,961	13,430	15,738	17,580	18,890	17,984	19,066	16,578	14,757	12,554	182,763
133	2,474	2,527	2,469	2,772	3,249	3,629	3,899	3,712	3,936	3,422	3,046	2,591	37,726
134	0	0	0	0	0	0	0	0	0	0	0	0	0
135	14,458	14,767	14,430	16,203	18,986	21,208	22,789	21,696	23,002	20,000	17,804	15,145	220,488
136	Non-Coincident Demand (%)												
137	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%
138	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%
139	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%
140	Non-Coincident Demand (MW)												
141	48,345	49,376	48,252	54,179	63,485	70,916	76,202	72,546	76,914	66,876	59,532	50,643	737,265
142	9,141	9,336	9,123	10,244	12,003	13,408	14,408	13,716	14,542	12,644	11,256	9,575	139,396
143	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
144	57,486	58,712	57,375	64,422	75,489	84,325	90,610	86,262	91,456	79,520	70,787	60,218	876,661
145	Total Deliveries (MWh)												
146	Total Deliveries (%)												
147	Total Deliveries (MWh)												
148	Total Deliveries (%)												
149	Total Deliveries (MWh)												
150	Schedule S: Standby Determinants:												
151	Contracted Standby Demand (MW)												
152	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	116,844
153	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	1,192,548
154	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	759,180
155	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	2,068,572
156	Total Deliveries (MWh)												

San Diego Gas & Electric Company

Statement – BG Revenue Data to Reflect Changed Rates

Docket No. ER17-_____ - _____

Statement BG
SAN DIEGO GAS & ELECTRIC COMPANY
 2017 Reliability Service (RS) Filing
 Comparison of RS Revenues During Rate Effective Period @ Forecast Billing Determinants
 (\$000)

Line No.	Customer Classes	(a) 2017 RS Revenue ¹ @ Proposed Rates	(b) 2017 RS Revenue @ Present Rates	(c) = (a) - (b) (\$) Change	(d) = (c)/(b) (%) Change	Reference	Line No.
1	Residential Customers	\$ 1,293	\$ 884	\$ 408	46.15%	(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)	336	314	22	7.14%	(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)	1,448	1,143	305	26.67%	(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 PA, TOU-PA and PA-T-1)	9	6	3	57.14%	(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 PA and TOU-PA	42	33	9	26.75%	(a) Statement BG, Page 5, Line 16, Col. M / 1000	9
10	Schedule PA-T-1	11	9	3	30.00%	(b) Statement BH, Page 4, Line 16, Col. M / 1000	10
11	Street Lighting Customers	41	41	-	0.00%	(a) Statement BG, Page 5, Line 18, Col. M / 1000	11
12						(b) Statement BH, Page 4, Line 18, Col. M / 1000	12
13	Standby Customers	41	41	-	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	\$ 3,180	\$ 2,430	\$ 750	30.87%	Sum Lines 1 through 15	15
16							16

Notes:

¹Transmission 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, 2017

Line No.	Customer Classes	(A) Jan-17		(B) Feb-17		(C) Mar-17		(D) Apr-17		(E) May-17		(F) Jun-17	
		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	640,412,732		552,154,007		527,434,720		485,754,118		488,387,300		511,512,717	
2													
3	Small Commercial	184,101,473		176,720,967		175,968,347		172,750,257		175,916,332		183,630,599	
4													
5	Medium-Large Commercial/Industrial	812,562,344	2,075,282	784,660,017	2,010,748	784,619,615	2,010,804	784,152,525	2,005,743	806,511,732	2,063,637	841,842,465	2,158,235
6													
7	Agricultural												
8	Schedules PA and TOU-PA	4,913,031		5,371,812		5,025,072		6,020,805		6,881,578		8,103,048	
9	Schedule PA-T-1	14,458,233	57,486	14,766,560	58,712	14,430,224	57,375	16,202,793	64,422	18,986,073	75,489	21,208,391	84,325
10													
11	Street Lighting	7,440,992		7,103,973		7,128,040		6,929,324		6,983,413		7,282,340	
12													
13	Standby Customers		172,381		172,381		172,381		172,381		172,381		172,381
14													
15	TOTAL	1,663,888,805	2,305,149	1,540,777,336	2,241,841	1,514,606,018	2,240,559	1,471,809,822	2,242,547	1,503,666,428	2,311,507	1,573,579,560	2,414,940

Statement BG

SAN DIEGO GAS AND ELECTRIC COMPANY
 Reliability Service Revenue Data to Reflect Changed Rates¹
 Rate Effective Period - Twelve Months Ending December 31, 2017

Line No.	Customer Classes	(G) Jul-17		(H) Aug-17		(I) Sep-17		(J) Oct-17		(K) Nov-17		(L) Dec-17		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	586,565,001		604,239,704		696,543,692		594,509,850		526,869,900		588,818,383		1
2														2
3	Small Commercial	201,085,285		199,938,373		217,206,558		196,522,876		180,134,029		177,291,289		3
4														4
5	Medium-Large Commercial/Industrial	918,162,582	2,348,177	896,265,601	2,297,813	986,165,308	2,527,568	894,531,436	2,293,990	844,938,754	2,161,685	812,095,934	2,076,076	5
6														6
7	Agricultural													7
8	Schedules PA and TOU-PA	8,997,740		8,712,052		9,250,379		8,042,444		6,990,704		5,729,743		8
9	Schedule PA-T-1	22,789,140	90,610	21,695,791	86,262	23,002,075	91,456	19,999,966	79,520	17,803,692	70,787	15,145,487	60,218	9
10														10
11	Street Lighting	7,374,060		7,038,088		7,399,204		7,067,191		7,162,762		7,445,109		11
12														12
13	Standby Customers		172,381		172,381		172,381		172,381		172,381		172,381	13
14														14
15	TOTAL	1,744,973,808	2,611,168	1,737,889,609	2,556,457	1,939,567,216	2,791,405	1,720,673,763	2,545,891	1,583,899,841	2,404,853	1,606,525,945	2,308,675	15

Notes:

¹ Forecasted systems delivery determinants provided for 12 months ending December 31, 2017.

Statement BG

SAN DIEGO GAS AND ELECTRIC COMPANY
 Reliability Service Revenue Data to Reflect Changed Rates ¹
 Rate Effective Period - Twelve Months Ending December 31, 2017

Line No.	Customer Classes	(M)		Line No.
		12 Months to Date		
		Energy (kWh)	Demand (kW)	
1	Residential Customers	6,803,202,124	-	1
2				2
3	Small Commercial	2,241,266,385	-	3
4				4
5	Medium-Large Commercial/Industrial	10,166,508,313	26,029,760	5
6				6
7	Agricultural			7
8	Schedules PA and TOU-PA	84,038,408		8
9	Schedule PA-T-1	220,488,425	876,661	9
10				10
11	Street Lighting	86,354,496	-	11
12				12
13	Standby Customers	-	2,068,572	13
14				14
15	TOTAL	19,601,858,151	28,974,994	15

Notes:

¹ Forecasted systems delivery determinants provided for 12 months ending December 31, 2017.

Statement BG

SAN DIEGO GAS AND ELECTRIC COMPANY
 Reliability Service Revenue Data To Reflect Changed Rates
 Rate Effective Period - Twelve Months Ending December 31, 2017

Line No.	Customer Class	(A) Jan-17	(B) Feb-17	(C) Mar-17	(D) Apr-17	(E) May-17	(F) Jun-17	(G) Jul-17	(H) Aug-17	(I) Sep-17	(J) Oct-17	(K) Nov-17	(L) Dec-17	(M) Total	Line No.
1	Residential Customers	\$ 121,678	\$ 104,909	\$ 100,213	\$ 92,293	\$ 92,794	\$ 97,187	\$ 111,447	\$ 114,806	\$ 132,343	\$ 112,957	\$ 100,105	\$ 111,875	\$ 1,292,608	1
2															2
3	Small Commercial	27,615	26,508	26,395	25,913	26,387	27,545	30,163	29,991	32,581	29,478	27,020	26,594	336,190	3
4															4
5	Medium-Large Commercial/Industrial														5
6	Energy Revenues	16,251	15,693	15,692	15,683	16,130	16,837	18,363	17,925	19,723	17,891	16,899	16,242	203,330	6
7	Demand Revenues	99,114	96,154	96,159	95,848	98,628	103,226	112,208	109,902	120,878	109,732	103,313	99,193	1,244,355	7
8	Total	115,365	111,847	111,851	111,531	114,758	120,063	130,571	127,827	140,601	127,623	120,212	115,435	1,447,685	8
9															9
10	Agricultural														10
11	Schedules PA and TOU-PA	540	591	553	662	757	891	990	958	1,018	885	769	630	9,244	11
12															12
13	Schedule PA-T-1														13
14	Energy Revenues	1,590	1,624	1,587	1,782	2,088	2,333	2,507	2,387	2,530	2,200	1,958	1,666	24,254	14
15	Demand Revenues	1,150	1,175	1,147	1,289	1,510	1,686	1,812	1,725	1,829	1,591	1,416	1,205	17,535	15
16	Total	2,740	2,799	2,734	3,071	3,598	4,019	4,319	4,112	4,359	3,791	3,374	2,871	41,789	16
17															17
18	Street Lighting	967	924	927	901	908	947	959	915	962	919	931	968	11,226	18
19															19
20	Standby Revenues	3,448	3,448	3,448	3,448	3,448	3,448	3,448	3,448	3,448	3,448	3,448	3,448	41,376	20
21															21
22	TOTAL	\$ 272,355	\$ 251,026	\$ 246,121	\$ 237,819	\$ 242,651	\$ 254,100	\$ 281,897	\$ 282,056	\$ 315,312	\$ 279,100	\$ 255,860	\$ 261,821	\$ 3,180,119	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, 2017

Line No.	Customer Classes	(A) Jan-17		(B) Feb-17		(C) Mar-17		(D) Apr-17		(E) May-17		(F) Jun-17		(M) Reference
		Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	
1	Residential Customers	640,412,732	-	552,154,007	-	527,434,720	-	485,754,118	-	488,387,300	-	511,512,717	-	Statement BG, Page 2, Line 1
2	Small Commercial	184,101,473	-	176,720,967	-	175,968,347	-	172,750,257	-	175,916,332	-	183,630,599	-	Statement BG, Page 2, Line 3
3	Medium-Large Commercial/Industrial	812,562,344	2,075,282	784,660,017	2,010,748	784,619,615	2,010,804	784,152,525	2,005,743	806,511,732	2,063,637	841,842,465	2,158,235	Statement BG, Page 2, Line 5
4	Agricultural	4,913,031	57,486	5,371,812	58,712	5,025,072	57,375	6,020,805	64,422	6,881,578	84,325	8,103,048	84,325	Statement BG, Page 2, Line 8
5	Schedule PA and TOU-PA	14,458,233	-	14,766,560	-	14,430,224	-	16,202,793	-	18,986,073	-	21,208,391	-	Statement BG, Page 2, Line 9
6	Schedule PA-T-1	7,440,992	-	7,103,973	-	7,128,040	-	6,929,324	-	6,983,413	-	7,282,340	-	Statement BG, Page 2, Line 11
7	Street Lighting	-	-	-	-	-	-	-	-	-	-	-	-	Statement BG, Page 2, Line 13
8	Standby Customers	172,381	-	172,381	-	172,381	-	172,381	-	172,381	-	172,381	-	Statement BG, Page 2, Line 13
9	TOTAL	1,663,888,805	2,305,149	1,540,777,536	2,241,841	1,514,606,018	2,240,559	1,471,809,822	2,242,547	1,503,666,428	2,311,507	1,573,579,560	2,414,940	Sum Lines 1, 3, 5, 8, 9, 11 & 13

Line No.	Customer Classes	(A) Jan-17		(B) Feb-17		(C) Mar-17		(D) Apr-17		(E) May-17		(F) Jun-17		(M) Reference
		Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	Energy (KW)	Demand (KW)	
16	Residential Customers	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	Statement Bl., Page 1, Line 1, Col. A
17	Small Commercial	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	Statement Bl., Page 1, Line 3, Col. A
18	Medium-Large Commercial/Industrial	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	Statement Bl., Page 1, Line 5, Col. A
19	Agricultural	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	Statement Bl., Page 1, Line 9, Col. A
20	Schedule PA and TOU-PA	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	Statement Bl., Page 1, Line 10, Col. A
21	Schedule PA-T-1	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	Statement Bl., Page 1, Line 12, Col. A
22	Street Lighting	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	Statement Bl., Page 1, Line 12, Col. A
23	Standby Customers	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	Statement Bl., Page 1, Line 12, Col. A

Line No.	Customer Classes	(A) Jan-17		(B) Feb-17		(C) Mar-17		(D) Apr-17		(E) May-17		(F) Jun-17		(M) Reference
		Revenues @ Changed Rates Energy (KW)	Demand (KW)	Revenues @ Changed Rates Energy (KW)	Demand (KW)	Revenues @ Changed Rates Energy (KW)	Demand (KW)	Revenues @ Changed Rates Energy (KW)	Demand (KW)	Revenues @ Changed Rates Energy (KW)	Demand (KW)	Revenues @ Changed Rates Energy (KW)	Demand (KW)	
29	Residential Customers	\$ 121,678	\$ 104,909	\$ 104,909	\$ 100,213	\$ 100,213	\$ 92,293	\$ 92,293	\$ 92,794	\$ 97,187	\$ 97,187	\$ 97,187	\$ 97,187	Line 1 x Line 16
30	Small Commercial	\$ 27,615	\$ 26,308	\$ 26,308	\$ 26,305	\$ 26,305	\$ 25,913	\$ 25,913	\$ 26,387	\$ 27,545	\$ 27,545	\$ 27,545	\$ 27,545	Line 3 x Line 18
31	Medium-Large Commercial/Industrial	\$ 16,251	\$ 99,114	\$ 15,693	\$ 96,154	\$ 15,692	\$ 96,159	\$ 15,683	\$ 95,848	\$ 16,130	\$ 16,837	\$ 16,837	\$ 16,837	Statement BG, Page 8, Lines 4 & 23
32	Agricultural	\$ 540	\$ 591	\$ 591	\$ 553	\$ 553	\$ 662	\$ 662	\$ 757	\$ 891	\$ 891	\$ 891	\$ 891	Line 8 x Line 23
33	Schedule PA and TOU-PA	\$ 1,590	\$ 1,150	\$ 1,624	\$ 1,175	\$ 1,587	\$ 1,147	\$ 1,782	\$ 1,289	\$ 2,088	\$ 1,510	\$ 2,333	\$ 1,686	Statement BG, Page 9, Lines 4 & 23
34	Schedule PA-T-1	\$ 967	\$ 924	\$ 924	\$ 927	\$ 927	\$ 901	\$ 901	\$ 908	\$ 947	\$ 947	\$ 947	\$ 947	Line 11 x Line 26
35	Street Lighting	\$ -	\$ 3,448	\$ -	\$ 3,448	\$ -	\$ 3,448	\$ -	\$ 3,448	\$ -	\$ 3,448	\$ -	\$ 3,448	Statement BG, Page 10, Line 20
36	Standby Customers	\$ 168,643	\$ 103,712	\$ 180,249	\$ 100,777	\$ 145,367	\$ 100,754	\$ 137,234	\$ 100,585	\$ 139,065	\$ 105,586	\$ 145,740	\$ 108,360	Sum Lines 29, 31, 33, 36, 37, 39 & 41
37	TOTAL	\$ 272,355	\$ 272,355	\$ 272,355	\$ 251,026	\$ 251,026	\$ 246,121	\$ 246,121	\$ 237,819	\$ 242,651	\$ 242,651	\$ 242,651	\$ 242,651	
38	Grand Total	\$ 272,355	\$ 272,355	\$ 272,355	\$ 251,026	\$ 251,026	\$ 246,121	\$ 246,121	\$ 237,819	\$ 242,651	\$ 242,651	\$ 242,651	\$ 242,651	

Statement BG

SAN DIEGO GAS AND ELECTRIC COMPANY
 Reliability Service Revenue Data To Reflect Changed Rates
 Rate Effective Period-- Twelve Months Ending December 31, 2017

Line No.	Customer Classes	(G) Jul-17		(H) Aug-17		(I) Sep-17		(J) Oct-17		(K) Nov-17		(L) Dec-17		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)			Energy (kWh)
1	Residential Customers	586,565,001	-	694,239,704	-	696,543,692	-	594,509,800	-	526,869,900	-	588,818,383	-	Statement BG, Page 3, Line 1	1	
2	Small Commercial	201,085,285	-	199,938,373	-	217,206,558	-	196,522,876	-	180,134,029	-	177,291,289	-	Statement BG, Page 3, Line 3	2	
3	Medium-Large Commercial/Industrial	918,162,582	2,348,177	896,265,601	2,297,813	986,165,308	2,527,568	894,531,456	2,293,990	844,938,754	2,161,685	812,095,934	2,076,076	Statement BG, Page 3, Line 5	3	
4	Agricultural	8,997,740	90,610	8,712,052	86,262	9,250,379	91,456	8,042,444	79,520	6,990,704	70,787	5,729,743	-	Statement BG, Page 3, Line 8	4	
5	Schedule PA and TOU-PA	22,789,140	-	21,695,791	-	23,002,075	-	19,999,966	-	17,863,692	-	15,145,487	-	Statement BG, Page 3, Line 9	5	
6	Schedule PA-T-1	7,374,060	-	7,038,088	-	7,399,204	-	7,067,191	-	7,162,762	-	7,445,109	-	Statement BG, Page 3, Line 11	6	
7	Street Lighting	-	172,381	-	172,381	-	172,381	-	172,381	-	172,381	-	172,381	-	Statement BG, Page 3, Line 13	7
8	Standby Customers	-	2,611,168	1,737,889,609	2,556,457	1,939,567,216	2,791,405	1,720,673,763	2,545,891	1,583,899,841	2,404,853	1,696,525,945	2,308,675	Sum Lines 1, 3, 5, 8, 9, 11 & 13	8	
9	TOTAL	1,744,973,808	2,611,168	1,737,889,609	2,556,457	1,939,567,216	2,791,405	1,720,673,763	2,545,891	1,583,899,841	2,404,853	1,696,525,945	2,308,675		9	

Line No.	Customer Classes	(G) Jul-17		(H) Aug-17		(I) Sep-17		(J) Oct-17		(K) Nov-17		(L) Dec-17		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	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	Statement BL, Page 1, Line 1, Col. A	16
17	Small Commercial	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	\$ 0.00015	Statement BL, Page 1, Line 3, Col. A	17
18	Medium-Large Commercial/Industrial	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	Statement BL, Page 1, Line 5, Col. A	18
19	Agricultural	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	Statement BL, Page 1, Line 9, Col. A	19
20	Schedule PA and TOU-PA	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	Statement BL, Page 1, Line 3, Col. A	20
21	Schedule PA-T-1	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	Statement BL, Page 1, Line 11, Col. A	21
22	Street Lighting	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	Statement BL, Page 1, Line 11, Col. A	22
23	Standby Customers	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	Statement BL, Page 1, Line 11, Col. A	23
24	TOTAL	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013		24
25	Grand Total	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013		25

Line No.	Customer Classes	(G) Jul-17		(H) Aug-17		(I) Sep-17		(J) Oct-17		(K) Nov-17		(L) Dec-17		Reference	Line No.
		Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)		
29	Residential Customers	\$ 111,447	\$ 114,806	\$ 114,806	\$ 114,806	\$ 132,343	\$ 112,957	\$ 112,957	\$ 112,957	\$ 100,105	\$ 111,875	\$ 111,875	Line 1 x Line 16	29	
30	Small Commercial	\$ 30,163	\$ 29,991	\$ 29,991	\$ 29,991	\$ 32,581	\$ 29,478	\$ 29,478	\$ 29,478	\$ 27,020	\$ 26,594	\$ 26,594	Line 3 x Line 18	30	
31	Medium-Large Commercial/Industrial	\$ 18,363	\$ 112,208	\$ 17,925	\$ 109,902	\$ 19,723	\$ 120,878	\$ 17,891	\$ 109,732	\$ 16,899	\$ 103,313	\$ 16,242	Statement BG, Page 8, Lines 4 & 23	31	
32	Agricultural	\$ 990	\$ 1,812	\$ 958	\$ 1,725	\$ 1,018	\$ 1,829	\$ 885	\$ 1,591	\$ 769	\$ 1,416	\$ 630	Line 8 x Line 23	32	
33	Schedule PA and TOU-PA	\$ 2,507	\$ 1,812	\$ 2,387	\$ 1,725	\$ 2,530	\$ 1,829	\$ 2,200	\$ 1,591	\$ 1,958	\$ 1,416	\$ 1,205	Statement BG, Page 9, Lines 4 & 23	33	
34	Schedule PA-T-1	\$ 959	\$ 3,448	\$ 915	\$ 3,448	\$ 962	\$ 3,448	\$ 919	\$ 3,448	\$ 931	\$ 968	\$ 968	Line 11 x Line 26	34	
35	Street Lighting	\$ -	\$ 3,448	\$ -	\$ 3,448	\$ -	\$ 3,448	\$ -	\$ 3,448	\$ -	\$ 3,448	\$ -	Statement BG, Page 10, Line 20	35	
36	Standby Customers	\$ 164,429	\$ 117,468	\$ 166,981	\$ 115,073	\$ 189,157	\$ 126,155	\$ 164,529	\$ 114,771	\$ 147,683	\$ 108,177	\$ 157,975	Sum Lines 29, 31, 33, 36, 37, 39 & 41	36	
37	TOTAL	\$ 281,897	\$ 282,656	\$ 281,897	\$ 282,656	\$ 315,312	\$ 279,100	\$ 279,100	\$ 279,100	\$ 258,860	\$ 258,860	\$ 258,860		37	
38	Grand Total	\$ 281,897	\$ 282,656	\$ 281,897	\$ 282,656	\$ 315,312	\$ 279,100	\$ 279,100	\$ 279,100	\$ 258,860	\$ 258,860	\$ 258,860		38	

Statement - BG

SAN DIEGO GAS AND ELECTRIC COMPANY
 Reliability Service Revenue Data to Reflect Changed Rates
 Rate Effective Period - Twelve Months Ending December 31, 2017
 Medium-Large Commercial/Industrial Customers

Line No.	Description	Jun-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total	Reference	Line No.
1	Energy Revenues															
2	Commodity Sales - kWh	812,562,344	784,660,017	784,619,615	784,152,525	806,511,732	841,842,465	918,162,582	896,265,601	986,165,308	894,531,436	844,938,754	812,095,934	10,166,308,313	Statement BG, Pages 2 & 3, Line 5	1
3	Commodity Rate - \$/kWh	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	Statement BL, Page 1, Line 5, Col. A	2
4	Total Commodity Revenues	16,251	15,693	15,692	15,683	16,130	16,837	18,363	17,925	19,723	17,891	16,899	16,242	203,330	Line 2 x Line 3	3
5																4
6	Non-Coincident Demand - (KW):															5
7	Secondary	1,610,238	1,572,377	1,572,703	1,561,850	1,608,214	1,689,669	1,828,103	1,798,971	1,977,503	1,797,241	1,684,496	1,614,980	20,316,344	Statement BG, Page 12, Line 125 x 1000	6
8	Primary	343,145	332,600	332,611	331,731	341,322	357,088	388,431	380,161	418,150	379,583	357,651	343,479	4,305,953	Statement BG, Page 12, Line 126 x 1000	7
9	Transmission	121,899	105,772	105,491	112,162	114,102	111,478	131,643	118,681	131,915	117,166	119,538	117,617	1,407,463	Statement BG, Page 12, Line 127 x 1000	8
10	Total	2,075,282	2,010,748	2,010,804	2,005,743	2,063,637	2,158,235	2,348,177	2,297,813	2,527,568	2,293,990	2,161,685	2,076,076	26,029,760	Sum Lines 7, 8, 9	9
11	Check Figure	2,075,282	2,010,748	2,010,804	2,005,743	2,063,637	2,158,235	2,348,177	2,297,813	2,527,568	2,293,990	2,161,685	2,076,076	26,029,760	Line 10 Less Line 11	10
12	Difference															11
13																12
14	Non-Coincident Demand Rates Per (\$/KW):															13
15	Secondary	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	Statement BL, Page 1, Line 5, Col. D	14
16	Primary	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	Statement BL, Page 1, Line 5, Col. C	15
17	Transmission	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	Statement BL, Page 1, Line 5, Col. B	16
18																17
19	Revenues at Changed Rates:															18
20	Secondary	\$ 80,512	\$ 78,619	\$ 78,635	\$ 78,093	\$ 80,411	\$ 84,483	\$ 91,405	\$ 89,949	\$ 98,875	\$ 89,862	\$ 84,225	\$ 80,749	\$ 1,015,818	Line 7 x Line 15	19
21	Primary	13,726	13,304	13,304	13,269	13,653	14,284	15,537	15,206	16,726	15,183	14,306	13,739	172,237	Line 8 x Line 16	20
22	Transmission	4,876	4,231	4,220	4,486	4,564	4,459	5,266	4,747	5,277	4,687	4,782	4,705	56,300	Line 9 x Line 17	21
23	Total	\$ 99,114	\$ 96,154	\$ 96,159	\$ 95,848	\$ 98,628	\$ 103,226	\$ 112,208	\$ 109,902	\$ 120,878	\$ 109,732	\$ 103,313	\$ 99,193	\$ 1,244,355	Sum Lines 20, 21, 22	22
24																23
25	Total Revenues at Changed Rates	\$ 115,365	\$ 111,847	\$ 111,851	\$ 111,531	\$ 114,758	\$ 120,063	\$ 130,571	\$ 127,827	\$ 140,601	\$ 127,623	\$ 120,212	\$ 115,435	\$ 1,447,685	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, 2017
Schedule PA-T-1 Customers

Line No.	Description	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total	Reference	Line No.
1	Energy Revenues															
2	Commodity Sales - kWh	14,458,233	14,766,560	14,430,224	16,202,793	18,986,073	21,208,391	22,789,140	21,695,791	23,002,075	19,999,966	17,803,692	15,145,487	220,488,425	Statement BG, Pages 2 & 3, Line 9	1
3	Commodity Rate - \$/kWh	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	\$ 0.00011	Statement BL, Page 1, Line 9, Col. A	2
4	Total Commodity Revenues	1,590	1,624	1,587	1,782	2,088	2,333	2,507	2,387	2,530	2,200	1,958	1,666	24,254	Line 2 x Line 3	3
5																4
6	Non-Coincident Demand - (KW):															5
7	Secondary	48,345	49,376	48,252	54,179	63,485	70,916	76,202	72,546	76,914	66,876	59,532	50,643	737,265	Statement BG, Page 12, Line 151 x 1000	6
8	Primary	9,141	9,336	9,123	10,244	12,003	13,408	14,408	13,716	14,542	12,644	11,256	9,575	139,396	Statement BG, Page 12, Line 152 x 1000	7
9	Transmission														Statement BG, Page 12, Line 153 x 1000	8
10	Total	57,486	58,712	57,375	64,422	75,489	84,325	90,610	86,262	91,456	79,520	70,787	60,218	876,661	Sum Lines 7, 8, 9	9
11	Check Figure	57,486	58,712	57,375	64,422	75,489	84,325	90,610	86,262	91,456	79,520	70,787	60,218	876,661		10
12	Difference														Line 10 Less Line 11	11
13																12
14	Non-Coincident Demand Rates Per (\$/KW):															13
15	Secondary	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	Statement BL, Page 2, Line 10, Col. D	14
16	Primary	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	Statement BL, Page 2, Line 10, Col. C	15
17	Transmission	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	Statement BL, Page 2, Line 10, Col. B	16
18																17
19	Revenues at Changed Rates:															18
20	Secondary	\$ 967	\$ 988	\$ 965	\$ 1,084	\$ 1,270	\$ 1,418	\$ 1,524	\$ 1,451	\$ 1,538	\$ 1,338	\$ 1,191	\$ 1,013	\$ 14,747	Line 7 x Line 15	19
21	Primary	183	187	182	205	240	268	288	274	291	253	225	192	2,788	Line 8 x Line 16	20
22	Transmission														Line 9 x Line 17	21
23	Total	\$ 1,150	\$ 1,175	\$ 1,147	\$ 1,289	\$ 1,510	\$ 1,686	\$ 1,812	\$ 1,725	\$ 1,829	\$ 1,591	\$ 1,416	\$ 1,205	\$ 17,535	Sum Lines 20, 21, 22	22
24																23
25	Total Revenues at Changed Rates	\$ 2,740	\$ 2,799	\$ 2,734	\$ 3,071	\$ 3,598	\$ 4,019	\$ 4,319	\$ 4,112	\$ 4,359	\$ 3,791	\$ 3,374	\$ 2,871	\$ 41,789	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, 2017
 Standby Customers

Line No.	Description	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total	Reference	Line No.
1	<u>Demand - Billing Determinants (KW):</u>															
2	Secondary	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	116,844	Statement BG, Page 12, Line 171 x 1000	1
3	Primary	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	1,192,548	Statement BG, Page 12, Line 172 x 1000	2
4	Transmission	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	759,180	Statement BG, Page 12, Line 173 x 1000	3
5	Total	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	2,068,572	Sum Lines 2; 3; 4	4
6	Check Figure	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	2,068,572	Line 5 Less Line 6	5
7	Difference	-	-	-	-	-	-	-	-	-	-	-	-	-		6
8																7
9	<u>Demand Rates Per (\$/KW):</u>															
10	Secondary	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	0.02	Statement BL, Page 1, Line 14, Col. D	8
11	Primary	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	0.02	Statement BL, Page 1, Line 14, Col. C	9
12	Transmission	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	0.02	Statement BL, Page 1, Line 14, Col. B	10
13																11
14	<u>Revenues at Changed Rates:</u>															
15	Secondary	\$ 195	\$ 195	\$ 195	\$ 195	\$ 195	\$ 195	\$ 195	\$ 195	\$ 195	\$ 195	\$ 195	\$ 195	2,340	Line 2 x Line 10	12
16	Primary	1,988	1,988	1,988	1,988	1,988	1,988	1,988	1,988	1,988	1,988	1,988	1,988	23,856	Line 3 x Line 11	13
17	Transmission	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	15,180	Line 4 x Line 12	14
18	Total	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	41,376	Sum Lines 15; 16; 17	15
19																16
20	<u>Total Revenues at Changed Rates</u>	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	41,376	Line 18	17

Statement - BG

SAN DIEGO GAS AND ELECTRIC COMPANY
 Reliability Service Revenue Data to Reflect Changed Rates
 Rate Effective Period - Twelve Months Ending December 31, 2017
 City of Escondido - Wholesale Customer

Line No.	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	Line No.
	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total	Reference	
1	Energy Revenues														
2	Commodity Sales - kWh	3,012	2,868	2,894	2,826	2,939	2,970	2,835	2,966	2,843	2,868	2,960	34,827	Statement BG, Page 12, Line 9 x 1000	1
3	Commodity Rate - \$/kWh	\$ 0.00016	\$ 0.00016	\$ 0.00016	\$ 0.00016	\$ 0.00016	\$ 0.00016	\$ 0.00016	\$ 0.00016	\$ 0.00016	\$ 0.00016	\$ 0.00016	\$ 0.00016	Statement BL, Page 1, Line 16, Col. A	2
4	Total Commodity Revenues	0	0	0	0	0	0	0	0	0	0	0	6	Line 2 x Line 3	3
															4

**San Diego Gas & Electric
FERC Forecast Period: January 2017 - December 2017**

		SDG&E: System Delivery Determinants												
Line No.	Customer Class Deliveries (MWh)	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
1	Residential	640,413	552,154	527,435	485,754	488,387	511,513	586,565	604,240	696,544	594,510	526,870	588,818	6,803,202
2	Small Commercial	184,101	176,721	175,968	172,750	175,916	183,631	201,085	199,938	217,207	196,523	180,134	177,291	2,241,266
3	Med. & Large Comm./Ind. (AD)	2,707	2,684	2,688	2,603	2,681	2,781	2,942	2,993	3,300	2,932	2,636	2,487	33,432
4	Med. & Large Comm./Ind. (excluding AD/A6-TOU)	741,016	723,514	723,658	718,791	740,128	777,684	841,529	827,929	910,075	827,247	775,568	743,640	9,350,780
5	Med. & Large Comm./Ind. (A6-TOU)	68,839	58,462	58,274	62,758	63,703	61,378	73,691	65,343	72,790	64,353	66,735	65,969	782,296
6	Agriculture (PA and TOU-PA)	4,913	5,372	5,025	6,021	6,882	8,103	8,998	8,712	9,250	8,042	6,991	5,730	84,038
7	Agriculture (PA-T-1)	14,458	14,767	14,430	16,203	18,986	21,208	22,789	21,696	23,002	20,000	17,804	15,145	220,488
8	Lighting	7,441	7,104	7,128	6,929	6,983	7,282	7,374	7,038	7,399	7,067	7,163	7,445	86,354
9	Sale for Resale	3	3	3	3	3	3	3	3	3	3	3	3	34.8
10	Total System	1,663,892	1,540,780	1,514,609	1,471,813	1,503,669	1,573,582	1,744,977	1,737,892	1,939,570	1,720,677	1,583,903	1,606,529	19,601,893
Med. & Large Comm./Ind. Rate Schedule Billing Determinants														
11														
12														
13														
14														
15														
16	Total Deliveries (MWh)	2,707	2,684	2,688	2,603	2,681	2,781	2,942	2,993	3,300	2,932	2,636	2,487	33,432
17														
18	Total Deliveries (%)													
19	% @ Secondary Service	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%
20	% @ Primary Service	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%
21	% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22		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%
23	Total Deliveries (MWh)	2,638	2,615	2,619	2,537	2,612	2,710	2,867	2,917	3,216	2,857	2,568	2,423	32,580
24	MWh @ Secondary Service	69	68	69	66	68	71	75	76	84	75	67	63	853
25	MWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
26	MWh @ Transmission Service	2,707	2,684	2,688	2,603	2,681	2,781	2,942	2,993	3,300	2,932	2,636	2,487	33,432
27														
28	Non-Coincident Demand (%)													
29	% @ Secondary Service	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%
30	% @ Primary Service	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%
31	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
32														
33	Non-Coincident Demand (MW)													
34	MW @ Secondary Service	11.305	11.209	11.225	10.874	11.197	11.617	12.287	12.502	13.782	12.244	11.008	10.386	139.637
35	MW @ Primary Service	0.147	0.146	0.146	0.141	0.145	0.151	0.160	0.162	0.179	0.159	0.143	0.135	1.813
36	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37		11.452	11.355	11.371	11.015	11.342	11.768	12.447	12.664	13.961	12.403	11.151	10.521	141.450
38														
39														
40														

	Schedules AL-TOU / AY-TOU / DG-RIOI-TOU:												
	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
41	741,016	723,514	723,658	718,791	740,128	777,684	841,529	827,929	910,075	827,247	775,568	743,640	9,350,780
42													
43													
44													
45	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%
46	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%
47	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%
48	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
49													
50	578,067	564,413	564,526	560,729	577,374	606,671	656,477	645,867	709,950	645,335	605,021	580,114	7,294,543
51	152,872	149,261	149,291	148,287	152,688	160,436	173,608	170,802	187,748	170,661	160,000	153,413	1,929,066
52	10,078	9,840	9,842	9,776	10,066	10,576	11,445	11,260	12,377	11,251	10,548	10,114	127,171
53	741,016	723,514	723,658	718,791	740,128	777,684	841,529	827,929	910,075	827,247	775,568	743,640	9,350,780
54													
55	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%
56	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%
57	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%
58													
59													
60	1,599	1,561	1,561	1,551	1,597	1,678	1,816	1,786	1,964	1,785	1,673	1,605	20,176,707
61	324	316	316	314	323	340	368	362	398	361	339	325	4,085,762
62	18	17	17	17	18	19	20	20	22	20	19	18	223,184
63	1,940,401	1,894,571	1,894,947	1,882,203	1,938,076	2,036,417	2,203,602	2,167,989	2,383,093	2,166,202	2,030,879	1,947,272	24,485,653
64													
65	0.2304%	0.2304%	0.2304%	0.2304%	0.2304%	0.2304%	0.2304%	0.2304%	0.2304%	0.2304%	0.2304%	0.2304%	0.2304%
66	0.2073%	0.2073%	0.2073%	0.2073%	0.2073%	0.2073%	0.2073%	0.2073%	0.2073%	0.2073%	0.2073%	0.2073%	0.2073%
67	0.2669%	0.2669%	0.2669%	0.2669%	0.2669%	0.2669%	0.2669%	0.2669%	0.2669%	0.2669%	0.2669%	0.2669%	0.2669%
68													
69													
70	1,331,866	1,300,409	1,300,667	1,291,920	1,474,036	1,548,831	1,675,986	1,648,900	1,812,501	1,647,541	1,393,968	1,336,582	17,763,205
71	316,903	309,418	309,479	307,398	341,717	359,056	388,534	382,254	420,181	381,939	331,680	318,025	4,166,584
72	26,898	26,262	26,268	26,091	26,619	28,477	31,636	30,963	34,028	30,930	28,152	26,993	404,317
73	1,675,666	1,636,089	1,636,414	1,625,409	1,852,372	1,946,364	2,106,156	2,072,117	2,277,710	2,070,410	1,753,800	1,681,600	22,334,106
74													
75													
76													

	Schedule A6-TOU:												
	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
77	Total Deliveries (MWh)												
78	68,839	58,462	58,274	62,758	63,703	61,378	73,691	65,343	72,790	64,353	66,735	65,969	782,296
79	Total Deliveries (%)												
80	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%
81	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
82	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
83	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%
84	Total Deliveries (MWh)												
85	0	0	0	0	0	0	0	0	0	0	0	0	0
86	10,326	8,769	8,741	9,414	9,555	9,207	11,054	9,801	10,919	9,653	10,010	9,895	117,344
87	58,514	49,693	49,533	53,344	54,147	52,171	62,638	55,542	61,872	54,700	56,725	56,074	664,952
88	68,839	58,462	58,274	62,758	63,703	61,378	73,691	65,343	72,790	64,353	66,735	65,969	782,296
89	Non-Coincident Demand (%)												
90	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%
91	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%
92	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%
93	Non-Coincident Demand (MW)												
94	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
95	19,217	16,320	16,267	17,519	17,783	17,134	20,571	18,241	20,319	17,964	18,629	18,415	218,378
96	104,213	88,503	88,218	95,006	96,436	92,916	111,558	98,920	110,194	97,421	101,026	99,867	1,184,279
97	123,429	104,823	104,486	112,525	114,219	110,050	132,128	117,161	130,513	115,385	119,655	118,283	1,402,657
98	Coincident Peak Demand (%)												
99	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%
100	0.1256%	0.1256%	0.1256%	0.1256%	0.1387%	0.1387%	0.1387%	0.1387%	0.1387%	0.1387%	0.1256%	0.1256%	0.1323%
101	0.1386%	0.1386%	0.1386%	0.1386%	0.1410%	0.1410%	0.1410%	0.1410%	0.1410%	0.1410%	0.1386%	0.1386%	0.1398%
102	Coincident Peak Demand (MW)												
103	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
104	12,969	11,014	10,979	11,824	13,253	12,770	15,331	13,595	15,144	13,389	12,573	12,429	155,269
105	81,100	68,874	68,653	73,935	76,348	73,561	88,319	78,314	87,239	77,127	78,620	77,718	929,809
106	94,069	79,888	79,632	85,759	89,601	86,331	103,650	91,909	102,383	90,516	91,193	90,147	1,085,078
107	Med. & Large Comm./Ind.												
108	812,562	784,660	784,620	784,153	806,512	841,842	918,163	896,266	986,165	894,531	844,939	812,096	10,166,508
109	Deliveries (MWh)												
110	580,704	567,029	567,145	563,266	579,986	609,381	659,344	648,784	713,165	648,192	607,589	582,537	7,327,123
111	163,267	158,099	158,100	157,767	162,312	169,714	184,736	180,680	198,751	180,389	170,077	163,372	2,047,263
112	68,591	59,533	59,375	63,120	64,213	62,747	74,082	66,802	74,249	65,951	67,272	66,187	792,122
113	812,562	784,660	784,620	784,153	806,512	841,842	918,163	896,266	986,165	894,531	844,939	812,096	10,166,508
114	Non-Coincident Demand (MW)												
115	1,610,238	1,572,377	1,572,703	1,561,850	1,608,214	1,689,669	1,828,103	1,798,971	1,977,503	1,797,241	1,684,496	1,614,980	20,316,344
116	343,145	332,600	332,611	331,731	341,322	357,088	388,431	380,161	418,150	379,583	357,651	343,479	4,305,953
117	121,899	105,772	105,491	112,162	114,102	111,478	131,643	118,681	131,915	117,166	119,538	117,617	1,407,463
118	2,075,282	2,010,748	2,010,804	2,005,743	2,063,637	2,158,235	2,348,177	2,297,813	2,527,568	2,293,990	2,161,685	2,076,076	26,029,760
119	Total Service Voltage Determinants												
120	Deliveries (MWh)												
121	812,562	784,660	784,620	784,153	806,512	841,842	918,163	896,266	986,165	894,531	844,939	812,096	10,166,508
122	Deliveries (MWh)												
123	580,704	567,029	567,145	563,266	579,986	609,381	659,344	648,784	713,165	648,192	607,589	582,537	7,327,123
124	163,267	158,099	158,100	157,767	162,312	169,714	184,736	180,680	198,751	180,389	170,077	163,372	2,047,263
125	68,591	59,533	59,375	63,120	64,213	62,747	74,082	66,802	74,249	65,951	67,272	66,187	792,122
126	812,562	784,660	784,620	784,153	806,512	841,842	918,163	896,266	986,165	894,531	844,939	812,096	10,166,508
127	Non-Coincident Demand (MW)												
128	1,610,238	1,572,377	1,572,703	1,561,850	1,608,214	1,689,669	1,828,103	1,798,971	1,977,503	1,797,241	1,684,496	1,614,980	20,316,344
129	343,145	332,600	332,611	331,731	341,322	357,088	388,431	380,161	418,150	379,583	357,651	343,479	4,305,953
130	121,899	105,772	105,491	112,162	114,102	111,478	131,643	118,681	131,915	117,166	119,538	117,617	1,407,463
131	2,075,282	2,010,748	2,010,804	2,005,743	2,063,637	2,158,235	2,348,177	2,297,813	2,527,568	2,293,990	2,161,685	2,076,076	26,029,760

	<u>Jan-17</u>	<u>Feb-17</u>	<u>Mar-17</u>	<u>Apr-17</u>	<u>May-17</u>	<u>Jun-17</u>	<u>Jul-17</u>	<u>Aug-17</u>	<u>Sep-17</u>	<u>Oct-17</u>	<u>Nov-17</u>	<u>Dec-17</u>	<u>Total</u>
Schedule PA-T-1:													
Total Deliveries (MWh)	14,458	14,767	14,430	16,203	18,986	21,208	22,789	21,696	23,002	20,000	17,804	15,145	220,488
Total Deliveries (%)													
% @ Secondary Service	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%
% @ Primary Service	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%
% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Deliveries (MWh)													
MWh @ Secondary Service	11,984	12,240	11,961	13,430	15,738	17,580	18,890	17,984	19,066	16,578	14,757	12,554	182,763
MWh @ Primary Service	2,474	2,527	2,469	2,772	3,249	3,629	3,899	3,712	3,936	3,422	3,046	2,591	37,726
MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Coincident Demand (%)													
% @ Secondary Service	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%
% @ Primary Service	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%
% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
Non-Coincident Demand (MW)													
MW @ Secondary Service	48.345	49.376	48.252	54.179	63.485	70.916	76.202	72.546	76.914	66.876	59.532	50.643	737.265
MW @ Primary Service	9.141	9.336	9.123	10.244	12.003	13.408	14.408	13.716	14.542	12.644	11.256	9.575	139.396
MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On-Peak Demand (%)													
% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
% @ Primary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
On-Peak Demand (MW)													
MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MW @ Primary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Schedule S - Standby Determinants:													
Contracted Standby Demand (MW)													
MW @ Secondary Service	9.737	9.737	9.737	9.737	9.737	9.737	9.737	9.737	9.737	9.737	9.737	9.737	116.844
MW @ Primary Service	99.379	99.379	99.379	99.379	99.379	99.379	99.379	99.379	99.379	99.379	99.379	99.379	1,192.548
MW @ Transmission Service	63.265	63.265	63.265	63.265	63.265	63.265	63.265	63.265	63.265	63.265	63.265	63.265	759.180
Total	172.381	172.381	172.381	172.381	172.381	172.381	172.381	172.381	172.381	172.381	172.381	172.381	2,068.572

San Diego Gas & Electric Company

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

Docket No. ER17-_____ - _____

Statement BH

SAN DIEGO GAS AND ELECTRIC COMPANY

Reliability Service (RS) Revenue Data to Reflect Present Rates per ER16-1374¹
Rate Effective Period - Twelve Months Ending December 31, 2017

Line No.	Customer Classes	(A) Jan-17		(B) Feb-17		(C) Mar-17		(D) Apr-17		(E) May-17		(F) Jun-17		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	640,412,732		552,154,007		527,434,720		485,754,118		488,387,300		511,512,717		1
2														2
3	Small Commercial	184,101,473		176,720,967		175,968,347		172,750,257		175,916,332		183,630,599		3
4														4
5	Medium-Large Commercial/Industrial	812,562,344	2,075,282	784,660,017	2,010,748	784,619,615	2,010,804	784,152,525	2,005,743	806,511,732	2,063,637	841,842,465	2,158,235	5
6														6
7	Agricultural													7
8	Schedules PA and TOU-PA	4,913,031		5,371,812		5,025,072		6,020,805		6,881,578		8,103,048		8
9	Schedule PA-T-I	14,458,233	57,486	14,766,560	58,712	14,430,224	57,375	16,202,793	64,422	18,986,073	75,489	21,208,391	84,325	9
10														10
11	Street Lighting	7,440,992		7,103,973		7,128,040		6,929,324		6,983,413		7,282,340		11
12														12
13	Standby Customers		172,381		172,381		172,381		172,381		172,381		172,381	13
14														14
15	TOTAL	1,663,888,805	2,305,149	1,540,777,336	2,241,841	1,514,606,018	2,240,559	1,471,809,822	2,242,547	1,503,666,428	2,311,507	1,573,579,560	2,414,940	15

Notes:

¹ Forecasted systems delivery determinants provided for 12 months ending December 31, 2017.

Statement BH

SAN DIEGO GAS AND ELECTRIC COMPANY

Reliability Service Revenue Data to Reflect Present Rates per ER16-1374¹
Rate Effective Period - Twelve Months Ending December 31, 2017

Line No.	Customer Classes	(G) Jul-17		(H) Aug-17		(I) Sep-17		(J) Oct-17		(K) Nov-17		(L) Dec-17		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	586,565,001		604,239,704		696,543,692		594,509,850		526,869,900		588,818,383		1
2														2
3	Small Commercial	201,085,285		199,938,373		217,206,558		196,522,876		180,134,029		177,291,289		3
4														4
5	Medium-Large Commercial/Industrial	918,162,582	2,348,177	896,265,601	2,297,813	986,165,308	2,527,568	894,531,436	2,293,990	844,938,754	2,161,685	812,095,934	2,076,076	5
6														6
7	Agricultural													7
8	Schedules PA and TOU-PA	8,997,740		8,712,052		9,250,379		8,042,444		6,990,704		5,729,743		8
9	Schedule PA-T-I	22,789,140	90,610	21,695,791	86,262	23,002,075	91,456	19,999,966	79,520	17,803,692	70,787	15,145,487	60,218	9
10														10
11	Street Lighting	7,374,060		7,038,088		7,399,204		7,067,191		7,162,762		7,445,109		11
12														12
13	Standby Customers		172,381		172,381		172,381		172,381		172,381		172,381	13
14														14
15	TOTAL	1,744,973,808	2,611,168	1,737,889,609	2,556,457	1,939,567,216	2,791,405	1,720,673,763	2,545,891	1,583,899,841	2,404,853	1,606,525,945	2,308,675	15

Notes:

¹ Forecasted systems delivery determinants provided for 12 months ending December 31, 2017.

Statement BH

SAN DIEGO GAS AND ELECTRIC COMPANY

Reliability Service (RS) Revenue Data to Reflect Present Rates per ER16-1374¹
 Rate Effective Period - Twelve Months Ending December 31, 2017

Line No.	Customer Classes	(M)		Line No.
		12 Months to Date		
		Billing Determinants		
		Energy (kWh)	Demand (kW)	
1	Residential Customers	6,803,202,124	-	1
2				2
3	Small Commercial	2,241,266,385	-	3
4				4
5	Medium-Large Commercial/Industrial	10,166,508,313	26,029,760	5
6				6
7	Agricultural			7
8	Schedules PA and TOU-PA	84,038,408	-	8
9	Schedule PA-T-1	220,488,425	876,661	9
10				10
11	Street Lighting	86,354,496	-	11
12				12
13	Standby Customers	-	2,068,572	13
14				14
15	TOTAL	19,601,858,151	26,906,422	15

Notes:

¹ Forecasted systems delivery determinants provided for 12 months ending December 31, 2017.

Statement BH

SAN DIEGO GAS AND ELECTRIC COMPANY
 Reliability Service (RS) Revenue Data To Reflect Present Rates per ER16-1374
 Rate Effective Period - Twelve Months Ending December 31, 2017

Line No.	Customer Class	(A) Jan-17	(B) Feb-17	(C) Mar-17	(D) Apr-17	(E) May-17	(F) Jun-17	(G) Jul-17	(H) Aug-17	(I) Sep-17	(J) Oct-17	(K) Nov-17	(L) Dec-17	(M) Total	Line No.
1	Residential Customers	\$ 83,254	\$ 71,780	\$ 68,567	\$ 63,148	\$ 63,490	\$ 66,497	\$ 76,253	\$ 78,551	\$ 90,551	\$ 77,286	\$ 68,493	\$ 76,546	\$ 884,416	1
2															2
3	Small Commercial	25,774	24,741	24,636	24,185	24,628	25,708	28,152	27,991	30,409	27,513	25,219	24,821	313,777	3
4															4
5	Medium-Large Commercial/Industrial	8,126	7,847	7,846	7,842	8,065	8,418	9,182	8,963	9,862	8,945	8,449	8,121	101,665	5
6	Energy Revenues	83,012	80,430	80,432	80,229	82,546	86,330	93,927	91,912	101,103	91,760	86,468	83,043	1,041,192	6
7	Demand Revenues	91,138	88,277	88,278	88,071	90,611	94,748	103,109	100,875	110,965	100,705	94,917	91,164	1,142,857	7
8	Total														8
9															9
10	Agricultural	344	376	352	421	482	567	630	610	648	563	489	401	5,883	10
11	Schedules PA and TOU-PA														11
12															12
13	Schedule PA-T-1	1,012	1,034	1,010	1,134	1,329	1,485	1,595	1,519	1,610	1,400	1,246	1,060	15,434	13
14	Energy Revenues	1,150	1,175	1,147	1,289	1,510	1,686	1,812	1,725	1,829	1,591	1,416	1,205	17,535	14
15	Demand Revenues	2,162	2,209	2,157	2,423	2,839	3,171	3,407	3,244	3,439	2,991	2,662	2,265	32,969	15
16	Total														16
17															17
18	Street Lighting	744	710	713	693	698	728	737	704	740	707	716	745	8,635	18
19															19
20	Standby Revenues	3,448	3,448	3,448	3,448	3,448	3,448	3,448	3,448	3,448	3,448	3,448	3,448	41,376	20
21															21
22	TOTAL	\$ 206,864	\$ 191,541	\$ 188,150	\$ 182,389	\$ 186,197	\$ 194,867	\$ 215,737	\$ 215,423	\$ 240,199	\$ 213,213	\$ 195,945	\$ 199,390	\$ 2,429,914	22

Statement BH

SAN DIEGO GAS AND ELECTRIC COMPANY
Reliability Service (RS) Revenue Data To Reflect Present Rates per ER 16-1374
Rate Effective Period-- Twelve Months Ending December 31, 2017

Line No.	Customer Classes	(A) Jan-17		(B) Feb-17		(C) Mar-17		(D) Apr-17		(E) May-17		(F) Jun-17		Reference
		Present Transmission Rates Energy (KW)	Demand (KW)	Present Transmission Rates Energy (KW)	Demand (KW)	Present Transmission Rates Energy (KW)	Demand (KW)	Present Transmission Rates Energy (KW)	Demand (KW)	Present Transmission Rates Energy (KW)	Demand (KW)	Present Transmission Rates Energy (KW)	Demand (KW)	
1	Residential Customers	640,412,732	-	552,154,007	-	527,434,720	-	485,754,118	-	488,397,300	-	511,812,717	-	Statement BH, Page 1, Line 1
2	Small Commercial	184,101,473	-	176,720,967	-	175,968,347	-	172,750,257	-	175,916,332	-	183,630,599	-	Statement BH, Page 1, Line 3
3	Medium-Large Commercial/Industrial	812,562,344	2,075,282	784,660,017	2,010,748	784,619,615	2,010,804	784,152,525	2,005,743	806,511,732	2,063,637	841,842,465	2,158,235	Statement BH, Page 1, Line 5
4	Agricultural	4,913,031	-	5,371,812	-	5,025,072	-	6,020,805	-	6,881,578	-	8,103,048	-	Statement BH, Page 1, Line 8
5	Schedules PA and TOU-PA	14,458,233	57,486	14,766,560	58,712	14,430,224	57,375	16,202,793	64,422	18,986,073	75,489	21,208,391	84,425	Statement BH, Page 1, Line 9
6	Schedule PA-T-1	7,440,992	-	7,103,973	-	7,128,040	-	6,929,324	-	6,983,413	-	7,282,340	-	Statement BH, Page 1, Line 11
7	Street Lighting	-	-	-	-	-	-	-	-	-	-	-	-	Statement BH, Page 1, Line 13
8	Standby Customers	-	172,381	-	172,381	-	172,381	-	172,381	-	172,381	-	172,381	Sum Lines 1, 3, 5, 8, 9, 11 & 13
9	TOTAL	1,663,888,805	2,305,149	1,540,777,336	2,241,841	1,514,606,018	2,240,559	1,471,809,822	2,242,547	1,503,666,428	2,311,507	1,573,579,560	2,414,940	

Line No.	Customer Classes	(A) Jan-17		(B) Feb-17		(C) Mar-17		(D) Apr-17		(E) May-17		(F) Jun-17		Reference
		Present Transmission Rates Energy (KW)	Demand (KW)	Present Transmission Rates Energy (KW)	Demand (KW)	Present Transmission Rates Energy (KW)	Demand (KW)	Present Transmission Rates Energy (KW)	Demand (KW)	Present Transmission Rates Energy (KW)	Demand (KW)	Present Transmission Rates Energy (KW)	Demand (KW)	
16	Residential Customers	\$ 0.00013	\$	\$ 0.00013	\$	\$ 0.00013	\$	\$ 0.00013	\$	\$ 0.00013	\$	\$ 0.00013	\$	Statement BG, Page 6, Line 16
17	Small Commercial	\$ 0.00014	\$	\$ 0.00014	\$	\$ 0.00014	\$	\$ 0.00014	\$	\$ 0.00014	\$	\$ 0.00014	\$	Statement BG, Page 6, Line 18
18	Medium-Large Commercial/Industrial	\$ 0.00001	\$	\$ 0.00001	\$	\$ 0.00001	\$	\$ 0.00001	\$	\$ 0.00001	\$	\$ 0.00001	\$	Statement BG, Page 6, Line 20
19	Agricultural	\$ 0.00007	\$	\$ 0.00007	\$	\$ 0.00007	\$	\$ 0.00007	\$	\$ 0.00007	\$	\$ 0.00007	\$	Statement BG, Page 6, Line 23
20	Schedules PA and TOU-PA	\$ 0.00001	\$	\$ 0.00001	\$	\$ 0.00001	\$	\$ 0.00001	\$	\$ 0.00001	\$	\$ 0.00001	\$	Statement BG, Page 6, Line 24
21	Schedule PA-T-1	\$ 0.00010	\$	\$ 0.00010	\$	\$ 0.00010	\$	\$ 0.00010	\$	\$ 0.00010	\$	\$ 0.00010	\$	Statement BG, Page 6, Line 26
22	Street Lighting													
23	Standby Customers													

Line No.	Customer Classes	(A) Jan-17		(B) Feb-17		(C) Mar-17		(D) Apr-17		(E) May-17		(F) Jun-17		Reference
		Revenues @ Present Rates Energy (KW)	Demand (KW)	Revenues @ Present Rates Energy (KW)	Demand (KW)	Revenues @ Present Rates Energy (KW)	Demand (KW)	Revenues @ Present Rates Energy (KW)	Demand (KW)	Revenues @ Present Rates Energy (KW)	Demand (KW)	Revenues @ Present Rates Energy (KW)	Demand (KW)	
29	Residential Customers	\$ 83,254	\$	\$ 71,780	\$	\$ 68,567	\$	\$ 63,148	\$	\$ 63,490	\$	\$ 66,497	\$	Line 1 x Line 16
30	Small Commercial	\$ 25,774	\$	\$ 24,741	\$	\$ 24,656	\$	\$ 24,185	\$	\$ 24,628	\$	\$ 25,708	\$	Line 3 x Line 18
31	Medium-Large Commercial/Industrial	\$ 8,126	\$ 83,012	\$ 7,847	\$ 80,430	\$ 7,846	\$ 80,432	\$ 7,842	\$ 80,229	\$ 8,065	\$ 82,546	\$ 8,418	\$ 86,530	Statement BH, Page 7, Lines 4 & 23
32	Agricultural	\$ 344	\$	\$ 376	\$	\$ 352	\$	\$ 421	\$	\$ 482	\$	\$ 567	\$	Line 8 x Line 23
33	Schedules PA and TOU-PA	\$ 1,012	\$ 11,500	\$ 1,034	\$ 11,775	\$ 1,010	\$ 11,447	\$ 1,134	\$ 12,289	\$ 1,329	\$ 1,510	\$ 1,485	\$ 1,686	Statement BH, Page 8, Lines 4 & 23
34	Schedule PA-T-1	\$ 744	\$	\$ 710	\$	\$ 713	\$	\$ 693	\$	\$ 698	\$	\$ 728	\$	Line 11 x Line 26
35	Street Lighting													
36	Standby Customers													
37	TOTAL	\$ 119,254	\$ 87,610	\$ 106,488	\$ 85,053	\$ 103,123	\$ 85,027	\$ 97,423	\$ 84,966	\$ 98,693	\$ 87,504	\$ 103,403	\$ 91,464	Statement BH, Page 9, Line 20
43	Grand Total	\$ 206,864	\$	\$ 191,541	\$	\$ 188,150	\$	\$ 182,389	\$	\$ 186,197	\$	\$ 194,867	\$	

Statement BH

SAN DIEGO GAS AND ELECTRIC COMPANY
 Reliability Service (RS) Revenue Data To Reflect Present Rates per ER 16-1374
 Rate Effective Period - Twelve Months Ending December 31, 2017

Line No.	Customer Classes	(G) Jul-17		(H) Aug-17		(I) Sep-17		(J) Oct-17		(K) Nov-17		(L) Dec-17		Reference
		Billing Determinants Energy (KW)	Demand (KW)	Billing Determinants Energy (KW)	Demand (KW)	Billing Determinants Energy (KW)	Demand (KW)	Billing Determinants Energy (KW)	Demand (KW)	Billing Determinants Energy (KW)	Demand (KW)	Billing Determinants Energy (KW)	Demand (KW)	
1	Residential Customers	586,565,001	-	604,239,704	-	696,543,692	-	594,509,850	-	526,869,900	-	588,818,383	-	Statement BH, Page 2, Line 1
2	Small Commercial	201,085,285	-	199,938,373	-	217,206,558	-	196,522,876	-	180,134,029	-	177,291,269	-	Statement BH, Page 2, Line 3
3	Medium-Large Commercial/Industrial	918,162,582	2,348,177	896,265,601	2,297,813	986,165,308	2,527,568	894,531,436	2,293,990	844,938,754	2,161,685	812,095,934	2,076,076	Statement BH, Page 2, Line 5
4	Agricultural	8,997,740	-	8,712,052	-	9,250,379	-	8,042,444	-	6,990,704	-	5,729,743	-	Statement BH, Page 2, Line 8
5	Schedules PA and TOU-PA	22,789,140	90,610	21,695,791	86,262	23,002,075	91,456	19,999,966	79,520	17,803,692	70,787	15,145,487	60,218	Statement BH, Page 2, Line 9
6	Schedule PA-T-1	7,374,060	-	7,038,088	-	7,399,204	-	7,067,191	-	7,162,762	-	7,445,109	-	Statement BH, Page 2, Line 11
7	Street Lighting	-	172,381	-	172,381	-	172,381	-	172,381	-	172,381	-	172,381	Statement BH, Page 2, Line 13
8	Standby Customers	1,744,973,808	2,611,168	1,737,889,609	2,556,457	1,959,867,216	2,791,405	1,720,673,763	2,545,891	1,583,899,844	2,404,853	1,606,525,945	2,308,675	Sum Lines 1, 3, 5, 8, 9, 11 & 13
9	TOTAL													

Line No.	Customer Classes	(G) Jul-17		(H) Aug-17		(I) Sep-17		(J) Oct-17		(K) Nov-17		(L) Dec-17		Reference
		Present Transmission Rates Energy (KW)	Demand (KW)	Present Transmission Rates Energy (KW)	Demand (KW)	Present Transmission Rates Energy (KW)	Demand (KW)	Present Transmission Rates Energy (KW)	Demand (KW)	Present Transmission Rates Energy (KW)	Demand (KW)	Present Transmission Rates Energy (KW)	Demand (KW)	
16	Residential Customers	\$ 0.00013		\$ 0.00013		\$ 0.00013		\$ 0.00013		\$ 0.00013		\$ 0.00013		Statement BG, Page 7, Line 16
17	Small Commercial	\$ 0.00014		\$ 0.00014		\$ 0.00014		\$ 0.00014		\$ 0.00014		\$ 0.00014		Statement BG, Page 7, Line 18
18	Medium-Large Commercial/Industrial	\$ 0.00001		\$ 0.00001		\$ 0.00001		\$ 0.00001		\$ 0.00001		\$ 0.00001		Statement BG, Page 7, Line 20
19	Agricultural	\$ 0.00007		\$ 0.00007		\$ 0.00007		\$ 0.00007		\$ 0.00007		\$ 0.00007		Statement BG, Page 7, Line 22
20	Schedules PA and TOU-PA	\$ 0.00001		\$ 0.00001		\$ 0.00001		\$ 0.00001		\$ 0.00001		\$ 0.00001		Statement BG, Page 7, Line 23
21	Schedule PA-T-1	\$ 0.00010		\$ 0.00010		\$ 0.00010		\$ 0.00010		\$ 0.00010		\$ 0.00010		Statement BG, Page 7, Line 24
22	Street Lighting													Statement BG, Page 7, Line 26
23	Standby Customers													Statement BG, Page 7, Line 27
24	TOTAL													
25	Grand Total													

Line No.	Customer Classes	(G) Jul-17		(H) Aug-17		(I) Sep-17		(J) Oct-17		(K) Nov-17		(L) Dec-17		Reference
		Revenues @ Present Rates Energy (KW)	Demand (KW)	Revenues @ Present Rates Energy (KW)	Demand (KW)	Revenues @ Present Rates Energy (KW)	Demand (KW)	Revenues @ Present Rates Energy (KW)	Demand (KW)	Revenues @ Present Rates Energy (KW)	Demand (KW)	Revenues @ Present Rates Energy (KW)	Demand (KW)	
29	Residential Customers	\$ 76,253		\$ 78,551		\$ 90,551		\$ 77,286		\$ 68,493		\$ 76,546		Line 1 x Line 16
30	Small Commercial	\$ 28,152		\$ 27,991		\$ 30,409		\$ 27,513		\$ 25,219		\$ 24,821		Line 3 x Line 18
31	Medium-Large Commercial/Industrial	\$ 9,182	93,927	\$ 8,963	91,912	\$ 9,862	101,103	\$ 8,945	91,760	\$ 8,449	86,468	\$ 8,121	83,043	Statement BH, Page 7, Lines 4 & 23
32	Agricultural	\$ 630		\$ 610		\$ 648		\$ 563		\$ 489		\$ 401		Line 8 x Line 23
33	Schedules PA and TOU-PA	\$ 228	1,812	\$ 217	1,725	\$ 230	1,829	\$ 200	1,591	\$ 178	1,416	\$ 151	1,205	Statement BH, Page 8, Lines 4 & 23
34	Schedule PA-T-1	\$ 737		\$ 704		\$ 740		\$ 707		\$ 716		\$ 745		Line 11 x Line 26
35	Street Lighting													Statement BH, Page 9, Line 20
36	Standby Customers	\$ 3,448		\$ 3,448		\$ 3,448		\$ 3,448		\$ 3,448		\$ 3,448		Statement BH, Page 9, Line 20
37	TOTAL	\$ 115,182	99,187	\$ 117,036	97,085	\$ 132,439	106,380	\$ 115,214	96,799	\$ 103,545	91,332	\$ 110,785	87,696	
38	Grand Total	\$ 214,369		\$ 214,121		\$ 238,819		\$ 212,013		\$ 194,877		\$ 198,481		

Statement - BH

SAN DIEGO GAS AND ELECTRIC COMPANY

Reliability Service (RS) Revenue Data to Reflect Present Rates per BR 16-1374
Rate Effective Period - Twelve Months Ending December 31, 2017
Medium-Large Commercial/Industrial Customers

Line No.	Description	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total	Reference
1	Energy Revenues														
2	Commodity Sales - kWh	812,562,344	784,660,017	784,619,615	784,152,525	806,511,732	841,842,465	918,162,582	896,265,601	986,165,308	894,531,436	844,938,754	812,095,934	101,666,508,313	Statement BH, Pages 1 & 2, Line 5
3	Commodity Rate - \$/kWh	0.00001 \$	0.00001 \$	0.00001 \$	0.00001 \$	0.00001 \$	0.00001 \$	0.00001 \$	0.00001 \$	0.00001 \$	0.00001 \$	0.00001 \$	0.00001 \$		Statement BL, Page 1, Line 5, Col. A
4	Total Commodity Revenues	8126	7847	7846	7842	8065	8418	9182	8963	9862	8945	8449	8121	101,665	Line 2 x Line 3
5															
6	Non-Coincident Demand - (KW):														
7	Secondary	1,610,238	1,572,377	1,572,703	1,561,850	1,608,214	1,689,669	1,828,103	1,798,971	1,977,503	1,797,241	1,684,496	1,614,980	20,316,344	Statement BH, Page 11, Lines 125 x 1000
8	Primary	343,145	332,600	332,611	331,731	341,322	357,088	388,431	380,161	418,150	379,583	357,651	343,479	4,305,953	Statement BH, Page 11, Lines 126 x 1000
9	Transmission	121,899	105,772	105,491	112,162	114,102	111,478	131,643	118,681	131,915	117,166	119,538	117,617	1,407,463	Statement BH, Page 11, Lines 127 x 1000
10	Total	2,075,282	2,010,748	2,010,804	2,065,743	2,065,637	2,158,235	2,348,177	2,297,813	2,527,568	2,293,990	2,161,685	2,076,076	26,029,760	Sum Lines 7, 8, 9
11	Check Figure	2,075,282	2,010,748	2,010,804	2,065,743	2,065,637	2,158,235	2,348,177	2,297,813	2,527,568	2,293,990	2,161,685	2,076,076	26,029,760	
12	Difference														Line 10 Less Line 11
13															
14	Non-Coincident Demand Rates Per (\$/KW):														
15	Secondary	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	0.04	Statement BL, Page 1, Line 5, Col. D
16	Primary	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	0.04	Statement BL, Page 1, Line 5, Col. C
17	Transmission	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	0.04	Statement BL, Page 1, Line 5, Col. B
18															
19	Revenues at Present Rates:														
20	Secondary	\$ 64,410	\$ 62,895	\$ 62,908	\$ 62,474	\$ 64,329	\$ 67,587	\$ 73,124	\$ 71,959	\$ 79,100	\$ 71,890	\$ 67,380	\$ 64,599	\$ 812,655	Line 7 x Line 15
21	Primary	13,726	13,304	13,304	13,269	13,653	14,284	15,577	15,206	16,726	15,183	14,306	13,739	172,237	Line 8 x Line 16
22	Transmission	4,876	4,231	4,220	4,486	4,564	4,459	5,266	4,747	5,277	4,687	4,782	4,705	56,300	Line 9 x Line 17
23	Total	\$ 83,012	\$ 80,430	\$ 80,432	\$ 80,229	\$ 82,546	\$ 86,330	\$ 93,927	\$ 91,912	\$ 101,103	\$ 91,760	\$ 86,468	\$ 83,043	\$ 1,041,192	Sum Lines 20; 21; 22
24															
25	Total Revenues at Present Rates	\$ 91,138	\$ 88,277	\$ 88,278	\$ 88,071	\$ 90,611	\$ 94,748	\$ 103,109	\$ 100,875	\$ 110,965	\$ 100,705	\$ 94,917	\$ 91,164	\$ 1,142,857	Line 4 + Line 23

Statement - BH

SAN DIEGO GAS AND ELECTRIC COMPANY
 Reliability Service Revenue Data to Reflect Present Rates per ER16-1374
 Rate Effective Period - Twelve Months Ending December 31, 2017
 Schedule PA-T-1 Customers

Line No.	Description	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total	Reference
1	Energy Revenues														
2	Commodity Sales - kWh	14,458,233	14,766,560	14,430,224	16,202,793	18,986,073	21,208,391	22,789,140	21,695,791	23,002,075	19,999,966	17,803,692	15,145,487	220,488,425	Statement BH, Pages 1 & 2, Line 9
3	Commodity Rate - \$/kWh	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	Statement BL, Page 1, Line 9, Col. A
4	Total Commodity Revenues	1,012	1,034	1,010	1,134	1,329	1,485	1,595	1,519	1,610	1,400	1,246	1,060	15,434	Line 2 x Line 3
5															
6	Non-Coincident Demand - (KW):														
7	Secondary	48,345	49,376	48,252	54,179	63,485	70,916	76,202	72,546	76,914	66,876	59,532	50,643	737,265	Statement BH, Page 11, Line 151 x 1000
8	Primary	9,141	9,336	9,123	10,244	12,003	13,408	14,408	13,716	14,542	12,644	11,256	9,575	139,396	Statement BH, Page 11, Line 152 x 1000
9	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Statement BH, Page 11, Line 153 x 1000
10	Total	57,486	58,712	57,375	64,422	75,489	84,325	90,610	86,262	91,456	79,520	70,787	60,218	876,661	Sum Lines 7, 8, 9
11	Check Figure	57,486	58,712	57,375	64,422	75,489	84,325	90,610	86,262	91,456	79,520	70,787	60,218	876,661	
12	Difference	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 10 Less Line 11
13															
14	Non-Coincident Demand Rates Per (\$/KW):														
15	Secondary	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	Statement BL, Page 1, Line 10, Col. D
16	Primary	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	Statement BL, Page 1, Line 10, Col. C
17	Transmission	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	Statement BL, Page 1, Line 10, Col. B
18															
19	Revenues at Present Rates:														
20	Secondary	967	988	965	1,084	1,270	1,418	1,524	1,451	1,538	1,338	1,191	1,013	14,747	Line 7 x Line 15
21	Primary	183	187	182	205	240	268	288	274	291	253	225	192	2,788	Line 8 x Line 16
22	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 9 x Line 17
23	Total	1,150	1,175	1,147	1,289	1,510	1,686	1,812	1,725	1,829	1,591	1,416	1,205	17,535	Sum Lines 20, 21, 22
24															
25	Total Revenues at Present Rates	2,162	2,209	2,157	2,423	2,839	3,171	3,407	3,244	3,439	2,991	2,662	2,265	32,969	Line 4 + Line 23

Statement - BH

SAN DIEGO GAS AND ELECTRIC COMPANY
 Reliability Service (RS) Revenue Data to Reflect Present Rates per ER 16-1374
 Rate Effective Period - Twelve Months Ending December 31, 2017
 Standby Customers

Line No.	Description	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total	Reference	Line No.
1	Demand - Billing Determinants (KW):															
2	Secondary	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	116,844	Statement BH, Page 11, Line 171 x 1000	1
3	Primary	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	1,192,548	Statement BH, Page 11, Line 172 x 1000	2
4	Transmission	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	759,180	Statement BH, Page 11, Line 173 x 1000	3
5	Total	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	2,068,572	Sum Lines 2; 3; 4	4
6	Check Figure	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	2,068,572	Line 5 Less Line 6	5
7	Difference	-	-	-	-	-	-	-	-	-	-	-	-	-		6
8																7
9	Demand Rates Per (\$/KW):															8
10	Secondary	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02		Statement BL, Page 1, Line 14, Col. D	9
11	Primary	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02		Statement BL, Page 1, Line 14, Col. C	10
12	Transmission	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02		Statement BL, Page 1, Line 14, Col. B	11
13																12
14	Revenues at Present Rates:															13
15	Secondary	\$ 195	\$ 195	\$ 195	\$ 195	\$ 195	\$ 195	\$ 195	\$ 195	\$ 195	\$ 195	\$ 195	\$ 195	2,340	Line 2 x Line 10	14
16	Primary	1,988	1,988	1,988	1,988	1,988	1,988	1,988	1,988	1,988	1,988	1,988	1,988	23,856	Line 3 x Line 11	15
17	Transmission	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	15,180	Line 4 x Line 12	16
18	Total	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	41,376	Sum Lines 15; 16; 17	17
19																18
20	Total Revenues at Present Rates	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	\$ 3,448	41,376		19

Statement - BH

SAN DIEGO GAS AND ELECTRIC COMPANY
 Reliability Service Revenue Data to Reflect Present Rates per ER 16-1374
 Rate Effective Period - Twelve Months Ending December 31, 2017
 City of Escondido - Wholesale Customer

Line No.	Description	(A) Jan-17	(B) Feb-17	(C) Mar-17	(D) Apr-17	(E) May-17	(F) Jun-17	(G) Jul-17	(H) Aug-17	(I) Sep-17	(J) Oct-17	(K) Nov-17	(L) Dec-17	(M) Total	(N) Reference	Line No.
1	Energy Revenues	3.012	2.868	2.894	2.826	2.846	2.939	2.970	2.835	2.966	2.843	2.868	2.960	34,827	Statement BH, Page 11, Line 9 x 1000	1
2	Commodity Sales - kWh	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00012	Statement BL, Page 1, Line 16, Col. A	2
3	Commodity Rate - \$/kWh	0	0	0	0	0	0	0	0	0	0	0	0	0	Line 2 x Line 3	3
4	Total Commodity Revenues															4

**San Diego Gas & Electric
FERC Forecast Period: January 2017 - December 2017**

		SDG&E: System Delivery Determinants												
Line No.	Customer Class Deliveries (MWh)	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
1	Residential	640,413	552,154	527,435	485,754	488,387	511,513	586,565	604,240	696,544	594,510	526,870	588,818	6,803,202
2	Small Commercial	184,101	176,721	175,968	172,750	175,916	183,631	201,085	199,938	217,207	196,523	180,134	177,291	2,241,266
3	Med. & Large Comm./Ind. (AD)	2,707	2,684	2,688	2,603	2,681	2,781	2,942	2,993	3,300	2,932	2,636	2,487	33,432
4	Med. & Large Comm./Ind. (excluding AD/A6-TOU)	741,016	723,514	723,658	718,791	740,128	777,684	841,529	827,929	910,075	827,247	775,568	743,640	9,350,780
5	Med. & Large Comm./Ind. (A6-TOU)	68,839	58,462	58,274	62,758	63,703	61,378	73,691	65,343	72,790	64,353	66,735	65,969	782,296
6	Agriculture (PA and TOU-PA)	4,913	5,372	5,025	6,021	6,882	8,103	8,998	8,712	9,250	8,042	6,991	5,730	84,038
7	Agriculture (PA-T-1)	14,458	14,767	14,430	16,203	18,986	21,208	22,789	21,696	23,002	20,000	17,804	15,145	220,488
8	Lighting	7,441	7,104	7,128	6,929	6,983	7,282	7,374	7,038	7,399	7,067	7,163	7,445	86,354
9	Sale for Resale	3	3	3	3	3	3	3	3	3	3	3	3	35
10	Total System	1,663,892	1,540,780	1,514,609	1,471,813	1,503,669	1,573,582	1,744,977	1,737,892	1,939,570	1,720,677	1,583,903	1,606,529	19,601,893
Med. & Large Comm./Ind. Rate Schedule Billing Determinants														
12	Total Deliveries (MWh)	2,707	2,684	2,688	2,603	2,681	2,781	2,942	2,993	3,300	2,932	2,636	2,487	33,432
13	Total Deliveries (%)	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%
14	% @ Secondary Service	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%
15	% @ Primary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
16	% @ Transmission Service	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
17	Total Deliveries (MWh)	2,638	2,615	2,619	2,537	2,612	2,710	2,867	2,917	3,216	2,857	2,568	2,423	32,580
18	MWh @ Secondary Service	69	68	69	66	68	71	75	76	84	75	67	63	853
19	MWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
20	MWh @ Transmission Service	2,707	2,684	2,688	2,603	2,681	2,781	2,942	2,993	3,300	2,932	2,636	2,487	33,432
21	Non-Coincident Demand (%)	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%
22	% @ Secondary Service	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%
23	% @ Primary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
24	% @ Transmission Service	11.305	11,209	11,225	10,874	11,197	11,617	12,287	12,502	13,782	12,244	11,008	10,386	139,637
25	MW @ Secondary Service	0.147	0.146	0.146	0.141	0.145	0.151	0.160	0.162	0.179	0.159	0.143	0.135	1.813
26	MW @ Primary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	MW @ Transmission Service	11.452	11.355	11.371	11.015	11.342	11.768	12.447	12.664	13.961	12.403	11.151	10.521	141.450

	Schedules AL-TOU / AY-TOU / DG-R:												Total
	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	
41	Total Deliveries (MWh)												
42	741,016	723,514	723,658	718,791	740,128	777,684	841,529	827,929	910,075	827,247	775,568	743,640	9,350,780
43													
44	Total Deliveries (%)												
45	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%
46	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%
47	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%
48	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
49	Total Deliveries (MWh)												
50	578,067	564,413	564,526	560,729	577,374	606,671	656,477	645,867	709,950	645,335	605,021	580,114	7,294,543
51	152,872	149,261	149,291	148,287	152,688	160,436	173,608	170,802	187,748	170,661	160,000	153,413	1,929,066
52	10,078	9,840	9,842	9,776	10,066	10,576	11,445	11,260	12,377	11,251	10,548	10,114	127,171
53	741,016	723,514	723,658	718,791	740,128	777,684	841,529	827,929	910,075	827,247	775,568	743,640	9,350,780
54	Non-Coincident Demand (%)												
55	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%
56	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%
57	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%
58													
59	Non-Coincident Demand (MW)												
60	1,598,933	1,561,168	1,561,478	1,550,976	1,597,016	1,678,052	1,815,816	1,786,469	1,963,721	1,784,997	1,673,488	1,604,594	20,176,707
61	323,782	316,135	316,198	314,071	323,394	339,804	367,701	361,758	397,651	361,460	338,880	324,929	4,085,762
62	17,687	17,269	17,272	17,156	17,665	18,562	20,086	19,761	21,722	19,745	18,511	17,749	223,184
63	1,940,401	1,894,571	1,894,947	1,882,203	1,938,076	2,036,417	2,203,602	2,167,989	2,383,093	2,166,202	2,030,879	1,947,272	24,485,653
64	On-Peak Demand (%)												
65	0.2304%	0.2304%	0.2304%	0.2304%	0.2553%	0.2553%	0.2553%	0.2553%	0.2553%	0.2553%	0.2304%	0.2304%	0.2435%
66	0.2073%	0.2073%	0.2073%	0.2073%	0.2238%	0.2238%	0.2238%	0.2238%	0.2238%	0.2238%	0.2073%	0.2073%	0.2160%
67	0.2669%	0.2669%	0.2669%	0.2669%	0.3638%	0.3638%	0.3638%	0.3638%	0.3638%	0.3638%	0.2669%	0.2669%	0.3179%
68													
69	On-Peak Demand (MW)												
70	1,331,866	1,300,409	1,300,667	1,291,920	1,474,036	1,548,831	1,675,986	1,648,900	1,812,501	1,647,541	1,393,968	1,336,582	17,763,205
71	316,903	309,418	309,479	307,398	341,717	359,056	388,534	382,254	420,181	381,939	331,680	318,025	4,166,584
72	26,898	26,262	26,268	26,091	26,619	28,477	31,636	30,963	34,028	30,930	28,152	26,993	404,317
73	1,675,666	1,636,089	1,636,414	1,625,409	1,852,372	1,946,364	2,106,156	2,072,117	2,277,710	2,070,410	1,753,800	1,681,600	22,334,106
74													
75													
76													

Schedule A6-TOU:		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
77	Total Deliveries (MWh)	68,839	58,462	58,274	62,758	63,703	61,378	73,691	65,343	72,790	64,353	66,735	65,969	782,296
78														
79														
80	Total Deliveries (%)													
81	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
82	% @ Primary Service	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
83	% @ Transmission Service	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
84		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
85	Total Deliveries (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
86	MWh @ Secondary Service	10,326	8,769	8,741	9,414	9,555	9,207	11,054	9,801	10,919	9,653	10,010	9,895	117,344
87	MWh @ Primary Service	58,514	49,693	49,533	53,344	54,147	52,171	62,638	55,542	61,872	54,700	56,725	56,074	664,952
88	MWh @ Transmission Service	68,839	58,462	58,274	62,758	63,703	61,378	73,691	65,343	72,790	64,353	66,735	65,969	782,296
89														
90	Non-Coincident Demand (%)													
91	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
92	% @ Primary Service	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%
93	% @ Transmission Service	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%
94														
95	Non-Coincident Demand (MW)													
96	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97	MW @ Primary Service	19,217	16,320	16,267	17,519	17,783	17,134	20,571	18,241	20,319	17,964	18,629	18,415	218,378
98	MW @ Transmission Service	104,213	88,503	88,218	95,006	96,436	92,916	111,558	98,920	110,194	97,421	101,026	99,867	1,184,279
99		123,429	104,823	104,486	112,525	114,219	110,050	132,128	117,161	130,513	115,385	119,655	118,283	1,402,657
100	Coincident Peak Demand (%)													
101	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
102	% @ Primary Service	0.1256%	0.1256%	0.1256%	0.1256%	0.1387%	0.1387%	0.1387%	0.1387%	0.1387%	0.1387%	0.1256%	0.1256%	0.1323%
103	% @ Transmission Service	0.1386%	0.1386%	0.1386%	0.1386%	0.1410%	0.1410%	0.1410%	0.1410%	0.1410%	0.1410%	0.1386%	0.1386%	0.1398%
104														
105	Coincident Peak Demand (MW)													
106	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107	MW @ Primary Service	12,969	11,014	10,979	11,824	13,253	12,770	15,331	13,595	15,144	13,389	12,573	12,429	155,269
108	MW @ Transmission Service	81,100	68,874	68,653	73,935	76,348	73,561	88,319	78,314	87,239	77,127	78,620	77,718	929,809
109		94,069	79,888	79,632	85,759	89,601	86,331	103,650	91,909	102,383	90,516	91,193	90,147	1,085,078
110														
111														
112														
113														
114														
115														
116	Med. & Large Comm./Ind.													
117	Deliveries (MWh)	812,562	784,660	784,620	784,153	806,512	841,842	918,163	896,266	986,165	894,531	844,939	812,096	10,166,508
118	Med & Large Comm./Ind.													
119	Deliveries (MWh)													
120	MWh @ Secondary Service	580,704	567,029	567,145	563,266	579,986	609,381	659,344	648,784	713,165	648,192	607,589	582,537	7,327,123
121	MWh @ Primary Service	163,267	158,099	158,100	157,767	162,312	169,714	184,736	180,680	198,751	180,389	170,077	163,372	2,047,263
122	MWh @ Transmission Service	68,591	59,533	59,375	63,120	64,213	62,747	74,082	66,802	74,249	65,951	67,272	66,187	792,122
123		812,562	784,660	784,620	784,153	806,512	841,842	918,163	896,266	986,165	894,531	844,939	812,096	10,166,508
124	Non-Coincident Demand (MW)													
125	MW @ Secondary Service	1,610,238	1,572,377	1,572,703	1,561,850	1,608,214	1,689,669	1,828,103	1,798,971	1,977,503	1,797,241	1,684,496	1,614,980	20,316,344
126	MW @ Primary Service	343,145	332,600	332,611	331,731	341,322	357,088	388,431	380,161	418,150	379,583	357,651	343,479	4,305,953
127	MW @ Transmission Service	121,899	105,772	105,491	112,162	114,102	111,478	131,643	118,681	131,915	117,166	119,538	117,617	1,407,463
128		2,075,282	2,010,748	2,010,804	2,005,743	2,063,637	2,158,235	2,348,177	2,297,813	2,527,568	2,293,990	2,161,685	2,076,076	26,029,760
129														
130														
131														

Schedule PA-T-1:													
Total Deliveries (MWh)													
	14,458	14,767	14,430	16,203	18,986	21,208	22,789	21,696	23,002	20,000	17,804	15,145	220,488
Total Deliveries (%)													
% @ Secondary Service	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%
% @ Primary Service	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%
% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Total Deliveries (MWh)	11,984	12,240	11,961	13,430	15,738	17,580	18,890	17,984	19,066	16,578	14,757	12,554	182,763
MWh @ Secondary Service	2,474	2,527	2,469	2,772	3,249	3,629	3,899	3,712	3,936	3,422	3,046	2,591	37,726
MWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
MWh @ Transmission Service	14,458	14,767	14,430	16,203	18,986	21,208	22,789	21,696	23,002	20,000	17,804	15,145	220,488
Non-Coincident Demand (%)													
% @ Secondary Service	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%
% @ Primary Service	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%
% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
Non-Coincident Demand (MW)	48.345	49.376	48.252	54.179	63.485	70.916	76.202	72.546	76.914	66.876	59.532	50.643	737.265
MW @ Secondary Service	9.141	9.336	9.123	10.244	12.003	13.408	14.408	13.716	14.542	12.644	11.256	9.575	139.396
MW @ Primary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MW @ Transmission Service	57.486	58.712	57.375	64.422	75.489	84.325	90.610	86.262	91.456	79.520	70.787	60.218	876.661
On-Peak Demand (%)													
% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
% @ Primary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
On-Peak Demand (MW)	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
MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MW @ Primary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
166													
167													
168	Schedule S: Standby Determinants:												
169													
170	Contracted Standby Demand (MW)												
171	MW @ Secondary Service	9.737	9.737	9.737	9.737	9.737	9.737	9.737	9.737	9.737	9.737	9.737	116.844
172	MW @ Primary Service	99.379	99.379	99.379	99.379	99.379	99.379	99.379	99.379	99.379	99.379	99.379	1,192.548
173	MW @ Transmission Service	63.265	63.265	63.265	63.265	63.265	63.265	63.265	63.265	63.265	63.265	63.265	759.180
174		172.381	172.381	172.381	172.381	172.381	172.381	172.381	172.381	172.381	172.381	172.381	2,068.572
175													
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San Diego Gas & Electric Company

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

Docket No. ER17-_____ - _____

San Diego Gas & Electric Company
 2017 Reliability Service (RS) Filing
 Derivation of RS Revenue Requirement
 (\$000)

Line No		Total RS Costs	Reference	Line No
1	RS Balancing Account @ November 30, 2016:			1
2	Demand Costs	(10)	Statement BK, Page 2, Line 5	2
3	Energy Costs	(1)	Statement BK, Page 2, Line 9	3
4	Total RS Balancing Account	(10)	Line 2 + Line 3	4
5				5
6	<u>Forecast Costs:</u>			6
7				7
8	Forecast Demand Costs	2,676	Statement AH, Line 1	8
9	Forecast Energy Costs	410	Statement AH, Line 3	9
10				10
11	SUB-TOTAL FORECAST RS COSTS:	3,087	Line 8 + Line 9	11
12				12
13				13
14	TOTAL RS COSTS BEFORE FF&U	3,077	Sum Lines 4; 8; & 9	14
15				15
16	Franchise Fees @ 1.0277%	32	Line 14 x 1.0277%	16
17	Uncollectible Rate @ .174%	5	Line 14 x .174%	17
18				18
19	TOTAL RS REVENUE REQUIREMENTS	3,114	Sum Lines 14; 16; & 17	19
20				20
21	TOTAL RS DEMAND COSTS:			21
22	Demand Costs	2,667	Line 2 + Line 8	22
23	Franchise Fees @ 1.0277%	27	Line 22 x 1.0277%	23
24	Uncollectible Rate @ .174%	5	Line 22 x .174%	24
25	Total Demand Costs	2,699	Sum Lines 22; 23; & 24	25
26				26
27	TOTAL RS ENERGY COSTS:			27
28	Energy Costs	410	Line 3 + Line 9	28
29	Franchise Fees @ 1.0277%	4	Line 28 x 1.0277%	29
30	Uncollectible Rate @ .174%	1	Line 28 x .174%	30
31	Total Energy Costs	415	Sum Lines 28; 29; & 30	31
32				32
33	TOTAL RS REVENUE REQUIREMENTS	3,114	Line 25 + Line 31	33

Statement BK
SAN DIEGO GAS AND ELECTRIC COMPANY
2017 Reliability Service (RS) Filing
Derivation of RS Revenue Requirement
(\$1,000)

Line No.	Category	Amounts	Reference	Line No.
1	<u>RS BALANCING ACCOUNT:</u>	\$ (10)	November 30, 2016; RSBA Balance	1
2				2
3	Demand Costs Allocation Percentage ¹	94.42%	See Line 19 Below	3
4			Cost as a % of Total RS Cost.	4
5	Allocated Beginning Balance - Demand Costs	(10)	Line 1 x Line 3	5
6				6
7	Energy Costs Allocation Percentage ²	5.58%	See Line 20 Below	7
8			Cost as a % of Total RS Cost.	8
9	Allocated Beginning Balance - Energy Costs	(1)	Line 1 x Line 7	9
10				10
11	Total RS Balancing Account as of November 30, 2016	(10)	Line 5 + Line 9	11
12				12
13	<u>NOTES 1 & 2: Derivation of Demand & Energy Allocation %</u>			13
14				14
15	Total Demand Cost	\$ 2,348	Docket No. ER16-546; Statement BK; Pg 2; Line 5	15
16	Total Energy Cost	139	Docket No. ER16-546; Statement BK; Pg 2; Line 11	16
17	Total RS Costs	\$ 2,487	Line 15 + Line 16	17
18				18
19	Demand Cost Allocation Percentage	94.42%	Line 15 / Line 17	19
20	Energy Costs Allocation Percentage	5.58%	Line 16 / Line 17	20
21	Total	100.00%	Line 19 + Line 20	21
22				22

San Diego Gas & Electric Company

Statement – BL Rate Design Information

Docket No. ER17-_____ - _____

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
 2017 Reliability Service - Rate Design Information
 Summary of Reliability Service Retail and Wholesale 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	Reference	Line No.
1	Residential	\$ 0.00019				Statement BL, Page 7, Line 15	1
2							2
3	Small Commercial	\$ 0.00015				Statement BL, Page 8, Line 15	3
4							4
5	Medium & Large Commercial/Industrial ¹	\$ 0.00002	\$ 0.04	\$ 0.04	\$ 0.05	Statement BL, Page 9, Lines 9, 36, 35, 34	5
6	Vehicle Grid Integration Pilot Program (Schedule VGI)	\$ 0.00014				Statement BL, Page 10, Line 15	6
7							7
8	Agricultural (Schedules PA, TOU-PA and PA-T-1)						8
9	Schedules PA and TOU-PA	\$ 0.00011				Statement BL, Page 11, Line 15	9
10	Schedule PA-T-1	\$ 0.00002	\$ 0.02	\$ 0.02	\$ 0.02	Statement BL, Page 12, Lines 9, 36, 35, 34	10
11							11
12	Street Lighting	\$ 0.00013				Statement BL, Page 13, Line 15	12
13							13
14	Standby Rate ²		\$ 0.02	\$ 0.02	\$ 0.02	Statement BL, Page 14, Lines 24, 23, 22	14
15							15
16	Wholesale	\$ 0.00016				Statement BL, Page 2, Line 7	16

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.

² Demand rate applied to standby customers' contract demand.

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
2017 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	\$ 3,114	Statement BK, Line 33	1
2				2
3	Total Billing Determinants (MWH)	19,601,893	Statement BD, Page 1, Line 14, Col. A	3
4				4
5	Rate Per kWh @ Meter Level	\$ 0.00016	Line 1 / Line 3	5
6	Primary Level Adjustment Factor	1.0108	Loss Adjustment Factor	6
7	Rate Per kWh @ Primary Level	\$ 0.00016	Line 5 / Line 6, Rounded to 5 Decimal Places	7
8				8
9	Wholesale Billing Determinants (MWH) @ Meter Level	35	Statement BD, Page 1, Line 14, Col. B	9
10				10
11	Total Wholesale Revenues	\$ 0.01	Line 7 x Line 9	11
12	Total RS Revenue Requirements	\$ 3,114	Line 1	12
13	Less: Wholesale Revenues	\$ 0.01	Line 11	13
14	RS Revenues Applicable to Retail	\$ 3,114	Line 12 - Line 13	14
15				15
16	RS Demand Revenues	\$ 2,699	Statement BK, Line 25	16
17	RS Energy Revenues	\$ 415	Statement BK, Line 31	17
18	Total RS Revenues Applicable to Retail	\$ 3,114	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		42.40%	\$ 1,144	Line 13, Col. A x Line 1, Col. B	1
2						2
3	Small Commercial		10.67%	288	Line 13, Col. A x Line 3, Col. B	3
4						4
5	Medium-Large Commercial/Industrial		44.03%	1,188	Line 13, Col. A x Line 5, Col. B	5
6						6
7	Agricultural (Schedules PA, TOU-PA and PA-T-1)		0.97%	26	Line 13, Col. A x Line 7, Col. B	7
8						8
9	Street Lighting		0.35%	10	Line 13, Col. A x Line 9, Col. B	9
10						10
11	Standby Revenues		1.58%	43	Line 13, Col. A x Line 11, Col. B	11
12						12
13	Grand Total	\$ 2,699	100.00%	\$ 2,699	Sum Lines 1 thru 11, Col. B	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		7,126,354	34.89%	\$ 145	Line 13, Col. A x Line 1, Col. C	1
2							2
3	Small Commercial		2,347,727	11.49%	48	Line 13, Col. A x Line 3, Col. C	3
4							4
5	Medium-Large Commercial/Industrial		10,542,215	51.62%	214	Line 13, Col. A x Line 5, Col. C	5
6							6
7	Agricultural (Schedules PA, TOU-PA and PA-T-1)		317,615	1.56%	6	Line 13, Col. A x Line 7, Col. C	7
8							8
9	Street Lighting		90,456	0.44%	2	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	\$ 415	20,424,367	100.00%	\$ 415	Sum Lines 1 thru 11	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	\$ 1,144	\$ 145	\$ 1,289	41.40%	Statement BL, Pages 3 & 4, Line 1	1
2							2
3	Small Commercial	288	48	336	10.78%	Statement BL, Pages 3 & 4, Line 3	3
4							4
5	Medium-Large Commercial/Industrial	1,188	214	1,402	45.04%	Statement BL, Pages 3 & 4, Line 5	5
6							6
7	Agricultural (Schedules PA, TOU-PA and PA-T-1)	26	6	33	1.05%	Statement BL, Pages 3 & 4, Line 7	7
8							8
9	Street Lighting Customers	10	2	11	0.37%	Statement BL, Pages 3 & 4, Line 9	9
10							10
11	Standby Customers	43	-	43	1.37%	Statement BL, Pages 3 & 4, Line 11	11
12							12
13	Grand Total	\$ 2,699	\$ 415	\$ 3,114	100.00%	Sum Lines 1 thru 11	13

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
2017 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	\$ 1,289	\$ 1,293	\$ (3)	Statement BL, Page 5, Line 1, Col. C; Statement BL, Page 7, Line 11	1
2						2
3	Small Commercial Customers	\$ 336	336	(0)	Statement BL, Page 5, Line 3, Col. C; Statement BL, Page 8, Line 11	3
4						4
5	Medium-Large Commercial/Industrial Customers	\$ 1,402	1,447	(45)	Statement BL, Page 5, Line 5, Col. C; Statement BL, Page 9, Line 44	5
6						6
7	Agricultural Customers (Schedules PA, TOU-PA and PA-T-1)	\$ 33	31	2	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	\$ 11	11	0	Statement BL, Page 5, Line 9, Col. C; Statement BL, Page 13, Line 11	9
10						10
11	Standby Customers	\$ 43	41	1	Statement BL, Page 5, Line 11, Col. C; Statement BL, Page 14, Line 30	11
12						12
13	Grand Total	\$ 3,114	\$ 3,160	\$ (46)		13

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
 2017 Reliability Service - Rate Design Information
 Residential Customers¹
 (\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	RS Revenues Allocated to Residential Customers	\$ 1,289	Statement BL, Page 5, Line 1, Col. C	1
2				2
3	Billing Determinants - Residential Customer Class @ MWH:	6,803,202	Statement BD, Page 2, Line 1, Col. A	3
4				4
5	Residential Energy Rate Per kWh	\$ 0.0001895	Line 1 / Line 3	5
6				6
7	Residential Energy Rate Per kWh - Rounded	\$ 0.00019	Line 5 Rounded to 5 Decimal places	7
8				8
9	Total Class Revenues @ Proposed Rates	\$ 1,293	Line 3 x Line 7	9
10				10
11	Total Class Revenues @ Proposed Rates	\$ 1,293	Line 9	11
12				12
13	Difference	\$ (3)	Line 1 - Line 11	13
14				14
15	Total Residential Rate	\$ 0.00019	Line 7	15

Notes:

¹ Residential customers include the following California Public Utilities Commission (CPUC) tariffs:
 DR, DR-LI, DR-TOU, DR-SES, DM, DS, DT, DT-RV, TOU-DR, EV-TOU, EV-TOU-2, TOU-DR-E1, TOU-DR-E2, TOU-DR-E3

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
 2017 Reliability Service - Rate Design Information
 Small Commercial Customers¹
 (\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	RS Revenues Allocated to Small Commercial Customers	\$ 336	Statement BL, Page 5, Line 3, Col. C	1
2				2
3	Billing Determinants - Small Commercial @ MWH	2,241,266	Statement BD, Page 2, Line 2, Col. A	3
4				4
5	Rate Per kWh Calculation	\$ 0.0001498	Line 1 / Line 3	5
6				6
7	Rate Per kWh Calculation - Rounded	\$ 0.00015	Line 5 Rounded to 5 Decimal places	7
8				8
9	Total Class Revenues @ Proposed Rates	\$ 336	Line 3 x Line 7	9
10				10
11	Total Class Revenues @ Proposed Rates	\$ 336	Line 9	11
12				12
13	Difference	\$ (0)	Line 1 - Line 11	13
14				14
15	Total Small Commercial Rate	\$ 0.00015	Line 7	15

Notes:

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

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
 2017 Reliability Service - Rate Design Information
 Medium and Large Commercial Customers¹
 (\$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	\$ 1,402	Statement BL, Page 5, Line 5, Col. C	1
2	Medium & Large Commercial RS Revenues Related to Energy	\$ 214	Statement BL, Page 5, Line 5, Col. B	2
3	Total Energy Sales (MWh)	10,166,508	Statement BD, Page 2, Line 7, Col. A	3
4	Energy Rate Per Unit @ \$/kWh	\$ 0.0000211	Line 3 / Line 5	4
5	Energy Rate Per Unit @ \$/kWh (Rounded)	\$ 0.00002	Line 7 Rounded to 5 Decimal places	5
6	Total RS Revenues Related to Energy @ Proposed Rates	\$ 203	Line 5 x Line 9	6
7				7
8				8
9				9
10				10
11				11
12				12
13	Medium & Large Commercial RS Revenues Related to Demand	\$ 1,188	Statement BL, Page 5, Line 5, Col. A	13
14				14
15				15
16	<i>Allocation of Class Demand Revenue Requirements to Voltage Level:</i> ²			16
17	RS Revenues @ Secondary Level - 79.19%	\$ 935	Line 14 x Statement BL, Page 16, Line 30, Col. D	17
18	RS Revenues @ Primary Level - 15.62%	191	Line 14 x Statement BL, Page 16, Line 31, Col. D	18
19	RS Revenues @ Transmission Level - 5.19%	62	Line 14 x Statement BL, Page 16, Line 32, Col. D	19
20	Total Class Revenues Related to Demand	\$ 1,188	Sum Lines 17; 18; & 19	20
21				21
22	<i>Demand Determinants By Voltage Level @ Meter (Monthly Max Demand) - MW</i>			22
23	Secondary	20,316	Statement BL, Page 17, Line 14	23
24	Primary	4,306	Statement BL, Page 17, Line 15	24
25	Transmission	1,407	Statement BL, Page 17, Line 16	25
26	Total	26,030	Sum Lines 23; 24; & 25	26
27				27
28	Demand Rate By Voltage @ Meter \$/kW			28
29	Secondary	\$ 0.04601	Line 17 / Line 23	29
30	Primary	\$ 0.04441	Line 18 / Line 24	30
31	Transmission	\$ 0.04421	Line 19 / Line 25	31
32				32
33	Demand Rate By Voltage @ Meter (Rounded) \$/kW	\$ 0.05	Line 29 Rounded to 2 Decimal places	33
34	Secondary	\$ 0.04	Line 30 Rounded to 2 Decimal places	34
35	Primary	\$ 0.04	Line 31 Rounded to 2 Decimal places	35
36	Transmission	\$ 0.04	Line 32 Rounded to 2 Decimal places	36
37				37
38	<i>Proof of Revenue Calculations:</i>			38
39	Secondary	\$ 1,016	Line 23 x Line 34	39
40	Primary	172	Line 24 x Line 35	40
41	Transmission	56	Line 25 x Line 36	41
42	Total Class Revenues Related to Demand @ Proposed Rates	\$ 1,244	Sum Lines 39; 40; & 41	42
43				43
44	Total Class RS Revenues @ Proposed Rates	\$ 1,447	Line 11 + Line 42	44
45				45
46	Difference	\$ 45	Line 44 - Line 1	46

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

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
 2017 Reliability Service - Rate Design Information
 Vehicle Grid Integration (VGI) Pilot Customers¹
 (\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	RS Revenues Allocated to VGI Pilot	\$ 1,402	Statement BL, Page 5, Line 5, Col. C	1
2				2
3	Billing Determinants - VGI Pilot @ MWH:	10,166,508	Statement BD, Page 2, Line 7, Col. A	3
4				4
5	Rate Per kWh Calculation	\$ 0.0001379	Line 1 / Line 3	5
6				6
7	Rate Per kWh Calculation - Rounded	\$ 0.00014	Line 5 Rounded to 5 Decimal places	7
8				8
9	Total Class Revenues @ Proposed Rates	\$ 1,423	Line 3 x Line 7	9
10				10
11	Total Class Revenues @ Proposed Rates	\$ 1,423	Line 9	11
12				12
13	Difference	\$ (21)	Line 1 - Line 11	13
14				14
15	Total VGI Pilot Rate	\$ 0.00014	Line 7	15

Notes:

- 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
 2017 Reliability Service - Rate Design Information
 Agricultural - Schedules PA and TOU-PA Customers¹
 (\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	RS Revenues Allocated to Agricultural Customers	\$ 33	Statement BL, Page 5, Line 7, Col. C	1
2	Billing Determinants - Agricultural @ MWH:	304,527	Statement BD, Page 2, Lines 10 and 16, Col. A	2
3	Rate Per kWh Calculation ²	\$ 0.0001069	Line 1 / Line 3	3
4	Rate Per kWh Calculation - Rounded	\$ 0.00011	Line 5 Rounded to 5 Decimal places	4
5	Total Class Revenues @ Proposed Rates	\$ 33	Line 3 x Line 7	5
6	Total Class Revenues @ Proposed Rates	\$ 33	Line 9	6
7	Difference	\$ (1)	Line 1 - Line 11	7
8	Total Agricultural Rate for Schedule PA and TOU-PA	\$ 0.00011	Line 7	8
9	Schedules PA and TOU-PA Billing Determinants (MWh)	\$ 84,038	Statement BD, Page 3, Lines 10, Col. A	9
10	Annual Revenues from Schedules PA and TOU-PA Energy Rates	\$ 9	Line 15 x Line 17	10
11	Revenues Allocated to Schedule PA-T-1 ³	\$ 23	Line 1 - Line 19	11

Notes:

- ¹ The RS rates for customers on California Public Utilities Commission (CPUC) agricultural tariffs Schedules PA and TOU-PA are 100% energy rates.
- ² The RS rate for customers on Schedules PA and TOU-PA is set equal to the total RS revenues allocated to the Agricultural class divided by the total billing determinants for the Agricultural class.
- ³ Revenues Allocated to Schedule PA-T-1 equals the total Agricultural class RS revenues minus the annual revenues from Schedules PA and TOU-PA.

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
 2017 Reliability Service - Rate Design Information
 Agricultural - Schedule PA-T-1 Customers'
 (\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Total RS Revenues Allocated to Schedule PA-T-1 Agricultural Customers	\$ 23	Statement BL, Page 11, Line 21	1
2				2
3	Schedule PA-T-1 RS Revenues Related to Energy	\$ 5	(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)	220,488	Statement BD, Page 2, Line 16, Col. A	5
6				6
7	PA-T-1 Energy Rate Per Unit @ \$/kWh	\$ 0.000209	Line 3 / Line 5	7
8				8
9	PA-T-1 Energy Rate Per Unit @ \$/kWh (Rounded)	\$ 0.00002	Line 7 Rounded to 5 Decimal places	9
10				10
11	Total RS PA-T-1 Revenues Related to Energy @ Proposed Rates	\$ 4	Line 5 x Line 9	11
12				12
13	Schedule PA-T-1 RS Revenues Related to Demand	\$ 19	Line 1 - Line 11	13
14				14
15				15
16	<u>Allocation of PA-T-1 Demand Revenue Requirements to Voltage Level:</u> ²			16
17	RS Revenues @ Secondary Level - 84.82%	\$ 16	Line 14 x Statement BL, Page 16, Line 39, Col. D	17
18	RS Revenues @ Primary Level - 15.18%	\$ 3	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	\$ 19	Sum Lines 17, 18, & 19	20
21				21
22	<u>Demand Determinants By Voltage Level @ Meter (Monthly Max Demand): MW</u>			22
23	Secondary	737	Statement BL, Page 17, Line 21	23
24	Primary	139	Statement BL, Page 17, Line 22	24
25	Transmission	-	Statement BL, Page 17, Line 23	25
26	Total PA-T-1	877	Sum Lines 23, 24, & 25	26
27				27
28	PA-T-1 Demand Rate By Voltage @ Meter \$/kW	\$ 0.02146	Line 17 / Line 23	28
29	Secondary	\$ 0.02071	Line 18 / Line 24	29
30	Primary	\$ 0.02062	(Statement BL, Page 9, Line 31 / Page 9, Line 30) x Line 30	30
31	Transmission ³			31
32				32
33	PA-T-1 Demand Rate By Voltage @ Meter (Rounded) \$/kW	\$ 0.02	Line 29 Rounded to 2 Decimal places	33
34	Secondary	\$ 0.02	Line 30 Rounded to 2 Decimal places	34
35	Primary	\$ 0.02	Line 31 Rounded to 2 Decimal places	35
36	Transmission			36
37				37
38	<u>Proof of Revenue Calculations:</u>			38
39	Secondary	\$ 15	Line 23 x Line 34	39
40	Primary	\$ 3	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	\$ 18	Sum Lines 39, 40, & 41	42
43				43
44	Total Schedule PA-T-1 RS Revenues @ Proposed Rates	\$ 22	Line 11 + Line 42	44
45				45
46	Difference	\$ (2)	Line 44 - Line 1	46

Notes:
¹ 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
² On lines 17 -19, the percentages shown in the reference column are based on ratios developed from the I2-CP Allocation Factors demands shown on Statement BL, page 15, lines 39 - 41, column (d). In developing the ratios, the demand determinants were converted to transmission level by applying the following loss factors:
 a) Secondary = 1.0457; b) Primary = 1.0108; and c) Transmission = 1.0000.
³ 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
 2017 Reliability Service - Rate Design Information
 Street Lighting Customers¹
 (\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	RS Revenues Allocated to Street Lighting Customers	\$ 11	Statement BL, Page 5, Line 9, Col. C	1
2				2
3	Billing Determinants - Street Lighting Customers @ kWh:	86,354	Statement BD, Page 2, Line 18, Col. A	3
4				4
5	Rate Per kWh Calculation	\$ 0.0001318	Line 1 / Line 3	5
6				6
7	Rate Per kWh Calculation - Rounded	\$ 0.00013	Line 5 Rounded to 5 Decimal places	7
8				8
9	Proof of Revenues:	\$ 11	Line 3 x Line 7	9
10				10
11	Total Class Revenues @ Proposed Rates	\$ 11	Line 9	11
12				12
13	Difference	\$ 0	Line 1 - Line 11	13
14				14
15	Total Street Lighting Rate	\$ 0.00013	Line 7	15

Notes:

¹ 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
2017 Reliability Service - Rate Design Information
Standby Customers¹
(\$000)

Line No.	Customer Classes	Derivation of Standby Surcharge & Proof of Revenues Calculation	Reference	Line No.
1	Derivation of Demand Rate:			1
2	Demand Revenue Requirement	\$ 43	Statement BL, Page 5, Line 11, Col. C	2
3				3
4	<u>Allocation of Revenue Requirements to Voltage Level:</u> ²			4
5	RS Revenues @ Secondary Level - 5.78%	\$ 2	Line 2 x Statement BL, Page 16, Line 48, Col. D	5
6	RS Revenues @ Primary Level - 60.21%	25	Line 2 x Statement BL, Page 16, Line 49, Col. D	6
7	RS Revenues @ Transmission Level - 34.01%	16	Line 2 x Statement BL, Page 16, Line 50, Col. D	7
8	Total Class Revenue Requirement	\$ 43	Sum Lines 5; 6; & 7	8
9				9
10	Demand Determinants By Voltage Level @ Meter (Contract Demand) MW			10
11	Secondary	117	Statement BL, Page 17, Line 28	11
12	Primary	1,193	Statement BL, Page 17, Line 29	12
13	Transmission	759	Statement BL, Page 17, Line 30	13
14	Total	2,069	Sum Lines 11; 12; & 13	14
15				15
16	Demand Rate By Voltage Level @ Meter \$/kW			16
17	Secondary	\$ 0.02129	Line 5 / Line 11	17
18	Primary	\$ 0.02055	Line 6 / Line 12	18
19	Transmission	\$ 0.02045	Line 7 / Line 13	19
20				20
21	Demand Rate By Voltage Level @ Meter (Rounded) \$/kW			21
22	Secondary	\$ 0.02	Line 17 Rounded to 2 Decimal places	22
23	Primary	\$ 0.02	Line 18 Rounded to 2 Decimal places	23
24	Transmission	\$ 0.02	Line 19 Rounded to 2 Decimal places	24
25				25
26	<u>Proof of Revenue Calculations:</u>			26
27	Secondary	\$ 2	Line 11 x Line 22	27
28	Primary	24	Line 12 x Line 23	28
29	Transmission	15	Line 13 x Line 24	29
30	Total Class Revenue Requirement @ Proposed Rates	\$ 41	Sum Lines 27; 28; & 29	30
31				31
32	Difference	\$ (1)	Line 30 - Line 1	32

Notes:

¹ Standby customers include the following California Public Utilities Commission (CPUC) tariffs: S.

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

San Diego Gas & Electric Company
2017 Reliability Service - Rate Design Information

Line No		Total RS Costs	Reference	Line No
1	TOTAL RS DEMAND COSTS:			1
2	Demand Costs	2,667	Statement BK, Line 22	2
3	Franchise Fees @ 1.0310%	27	Line 2 x 1.0310%	3
4	Uncollectible Rate @ .174%	5	Line 2 x 0.174%	4
5	Total Demand Costs	2,699	Sum Lines 2; 3; & 4	5
6				6
7	TOTAL RS ENERGY COSTS:			7
8	Energy Costs	410	Statement BK, Line 28	8
9	Franchise Fees @ 1.0310%	4	Line 8 x 1.0310%	9
10	Uncollectible Rate @ .174%	1	Line 8 x 0.174%	10
11	Total Energy Costs	415	Sum Lines 8; 9; & 10	11
12				12
13	Total Energy Sales - MWh @ Retail Meter Level	19,601,858	Statement BL, Page 17, Line 10	13
14	Average Rate Per kWh	0.00002	Line 11 / Line 13	14
15				15
16	TOTAL RS REVENUE REQUIREMENTS	3,114	Line 5 + Line 11	16

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
 Rate Design Information
 2017 Reliability Service - Rate Design Information
 Development of 12-CP Allocation Factors

Line No.	Customer Class	(a) 5 Year Average Ending 12/31/2012 Of 12 CPs Kilowatt @ Meter Level	(b) Transmission Loss Factors	(c) = (a) x (b) 5 Year Average Ending 12/31/2012 Of 12 CPs Kilowatt @ Transmission Level	(d) 12 CP Allocation Factors @ Transmission Level	(e) Demand Determinant Allocation Factors	Line No.
1	5 Year Average - 12 CP Allocation Factors:						
2	Residential Customers	16,086,042	1.0475	16,850,129	42.40%		1
3	Small Commercial Customers	4,048,835	1.0475	4,241,155	10.67%		2
4	Medium-Large Commercial Customers						3
5	Secondary	12,147,759	1.0475	12,724,778	32.02%	72.73%	4
6	Primary	3,391,249	1.0110	3,428,553	8.63%	19.60%	5
7	Transmission	1,332,879	1.0065	1,341,543	3.38%	7.67%	6
8	Total Medium-Large Commercial	16,871,888		17,494,874	44.03%	100.00%	7
9							8
10	Agricultural						9
11	Secondary	326,109	1.0475	341,599	0.86%	88.82%	10
12	Primary	42,520	1.0110	42,988	0.11%	11.18%	11
13	Transmission	-	1.0065	-	0.00%	0.00%	12
14	Total Agricultural	368,629		384,587	0.97%	100.00%	13
15							14
16	Standby Customers (Served Load Information)						15
17	Secondary	35,194	1.0475	36,866	0.09%	5.89%	16
18	Primary	357,700	1.0110	361,635	0.91%	57.77%	17
19	Transmission	226,022	1.0065	227,491	0.57%	36.34%	18
20	Total Standby Customers	618,916		625,992	1.58%	100.00%	19
21							20
22	Street Lighting	134,171	1.0475	140,544	0.35%		21
23							22
24	System Total	38,128,481		39,737,280	100.00%		23
25							24
26							25
27					Med.& Lrg. C-I Cust. Allocation Factors @ Voltage Level		26
28							27
29	Medium-Large Commercial Customers:						28
30	Demand Determinants - (Non-Coincident Demand)						29
31	Secondary	20,316	1.0475	21,281	78.67%		30
32	Primary	4,306	1.0110	4,353	16.09%		31
33	Transmission	1,407	1.0065	1,417	5.24%		32
34	Total	26,030		27,051	100.00%		33
35							34
36					Schedule PA-T-1 Cust. Allocation Factors @ Voltage Level		35
37							36
38	Agricultural - Schedule PA-T-1						37
39	Secondary	737	1.0475	772	84.57%		38
40	Primary	139	1.0110	141	15.43%		39
41	Transmission	-	1.0065	-	0.00%		40
42	Total	877		913	100.00%		41
43							42
44							43
45					Standby Cust. Allocation Factors @ Voltage Level		44
46	Standby Customers Billings Information:						45
47	Billing Determinants - (Contracted Standby Demand)						46
48	Secondary	117	1.0475	122	5.85009%		47
49	Primary	1,193	1.0110	1,206	57.62740%		48
50	Transmission	759	1.0065	764	36.52251%		49
51	Total	2,069		2,092	100.00%		50
							51

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
2017 Reliability Service - Rate Design Information
Forecasted Billing Determinants

Line No.	<u>January 2016 - December 2016 - Forecasted Sales Information:</u>	(MWH)
1	Residential	6,803,202
2	Small Commercial	2,241,266
3	Med & Lrg Commercial/Industrial	10,166,508
4	Agricultural	304,527
5	Street Lighting	86,354
6	Sale For Resale	35
7		
8	Total Energy Sales (MWH)	19,601,893
9		
10	Total Energy Sales (MWH) - Excluding Resale	19,601,858
11		
12		
13	<u>Med & Lrg Commercial/Industrial Customers - (Non-Coincident Demand):</u>	
14	Secondary	20,316
15	Primary	4,306
16	Transmission	1,407
17		
18	Total Non-Coincident Demand	26,030
19		
20	<u>Agricultural - Schedule PA-T-1 - (Non-Coincident Demand):</u>	
21	Secondary	737
22	Primary	139
23	Transmission	-
24		
25	Total Non-Coincident Demand	877
26		
27	<u>Standby - Contract Demand By Voltage Level:</u>	
28	Secondary	117
29	Primary	1,193
30	Transmission	759
31		
32	Total Contract Demand	2,069

San Diego Gas & Electric
FERC Forecasted Period: January 2017 - December 2017

SDG&E: System Delivery Determinants		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
Line No.	Customer Class Deliveries (MWh)													
1	Residential	640,413	552,154	527,435	485,754	488,387	511,513	586,565	604,240	696,544	594,510	526,870	588,818	6,803,202
2	Small Commercial	184,101	176,721	175,968	172,750	175,916	183,631	201,085	199,938	217,207	196,523	180,134	177,291	2,241,266
3	Med. & Large Comm./Ind. (AD)	2,707	2,684	2,688	2,603	2,681	2,781	2,942	2,993	3,300	2,932	2,636	2,487	33,432
4	Med. & Large Comm./Ind. (Excluding AD/A6-TOU)	741,016	723,514	723,658	718,791	740,128	777,684	841,529	827,929	910,075	827,247	775,568	743,640	9,350,780
5	Med. & Large Comm./Ind. (A6-TOU)	68,839	58,462	58,274	62,758	63,703	61,378	73,691	65,343	72,790	64,353	66,735	65,969	782,296
6	Agriculture (PA and TOU-PA)	4,913	5,372	5,025	6,021	6,882	8,103	8,998	8,712	9,250	8,042	6,991	5,730	84,038
7	Agriculture (PA-T-1)	14,458	14,767	14,430	16,203	18,986	21,208	22,789	21,696	23,002	20,000	17,804	15,145	220,488
8	Lighting	7,441	7,104	7,128	6,929	6,983	7,282	7,374	7,038	7,399	7,067	7,163	7,445	86,354
9	Sale for Resale	3	3	3	3	3	3	3	3	3	3	3	3	34.8
10	Total System	1,663,892	1,540,780	1,514,609	1,471,813	1,503,669	1,573,582	1,744,977	1,737,892	1,939,570	1,720,677	1,583,903	1,606,529	19,601,893
11														
12	Med. & Large Comm./Ind. Rate Schedule Billing Determinants													
13														
14														
15	Schedule AD:													
16	Total Deliveries (MWh)	2,707	2,684	2,688	2,603	2,681	2,781	2,942	2,993	3,300	2,932	2,636	2,487	33,432
17														
18	Total Deliveries (%)													
19	% @ Secondary Service	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%	97.45%
20	% @ Primary Service	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%
21	% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22		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%
23	Total Deliveries (MWh)	2,638	2,615	2,619	2,537	2,612	2,710	2,867	2,917	3,216	2,857	2,568	2,423	32,580
24	MWh @ Secondary Service	69	68	69	66	68	71	75	76	84	75	67	63	853
25	MWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
26	MWh @ Transmission Service	2,707	2,684	2,688	2,603	2,681	2,781	2,942	2,993	3,300	2,932	2,636	2,487	33,432
27														
28	Non-Coincident Demand (%)													
29	% @ Secondary Service	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%	0.4286%
30	% @ Primary Service	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.2127%	0.0000%
31	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
32														
33	Non-Coincident Demand (MW)													
34	MW @ Secondary Service	11.305	11.209	11.225	10.874	11.197	11.617	12.287	12.502	13.782	12.244	11.008	10.386	139.637
35	MW @ Primary Service	0.147	0.146	0.146	0.141	0.145	0.151	0.160	0.162	0.179	0.159	0.143	0.135	1.813
36	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37		11.452	11.355	11.371	11.015	11.342	11.768	12.447	12.664	13.961	12.403	11.151	10.521	141.450
38														
39														
40														

	Schedules AL-TOU / AY-TOU / DG-RIOI-TOU:	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
41	Total Deliveries (MWh)	741,016	723,514	723,658	718,791	740,128	777,684	841,529	827,929	910,075	827,247	775,568	743,640	9,350,780
42														
43														
44	Total Deliveries (%)													
45	% @ Secondary Service	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%	78.01%
46	% @ Primary Service	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%	20.63%
47	% @ Transmission Service	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%
48		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
49	Total Deliveries (MWh)	578,067	564,413	564,526	560,729	577,374	606,671	656,477	645,867	709,950	645,335	605,021	580,114	7,294,543
50	MWh @ Secondary Service	152,872	149,261	149,291	148,287	152,688	160,436	173,608	170,802	187,748	170,661	160,000	153,413	1,929,066
51	MWh @ Primary Service	10,078	9,840	9,842	9,776	10,066	10,576	11,445	11,260	12,377	11,251	10,548	10,114	127,171
52	MWh @ Transmission Service	741,016	723,514	723,658	718,791	740,128	777,684	841,529	827,929	910,075	827,247	775,568	743,640	9,350,780
53														
54	Non-Coincident Demand (%)													
55	% @ Secondary Service	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%	0.2766%
56	% @ Primary Service	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%	0.2118%
57	% @ Transmission Service	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%	0.1755%
58														
59	Non-Coincident Demand (MW)													
60	MW @ Secondary Service	1,598.933	1,561.168	1,561.478	1,550.976	1,597.016	1,678.052	1,815.816	1,786.469	1,963.721	1,784.997	1,673.488	1,604.594	20,176.707
61	MW @ Primary Service	323.782	316.135	316.198	314.071	323.394	339.804	367.701	361.758	397.651	361.460	338.880	324.929	4,085.762
62	MW @ Transmission Service	17.687	17.269	17.272	17.156	17.665	18.562	20.086	19.761	21.722	19.745	18.511	17.749	223.184
63		1,940.401	1,894.571	1,894.947	1,882.203	1,938.076	2,036.417	2,203.602	2,167.989	2,383.093	2,166.202	2,030.879	1,947.272	24,485.653
64	On-Peak Demand (%)													
65	% @ Secondary Service	0.2304%	0.2304%	0.2304%	0.2304%	0.2553%	0.2553%	0.2553%	0.2553%	0.2553%	0.2553%	0.2304%	0.2304%	0.2435%
66	% @ Primary Service	0.2073%	0.2073%	0.2073%	0.2073%	0.2238%	0.2238%	0.2238%	0.2238%	0.2238%	0.2238%	0.2073%	0.2073%	0.2160%
67	% @ Transmission Service	0.2669%	0.2669%	0.2669%	0.2669%	0.3638%	0.3638%	0.3638%	0.3638%	0.3638%	0.3638%	0.2669%	0.2669%	0.3179%
68														
69	On-Peak Demand (MW)													
70	MW @ Secondary Service	1,331.866	1,300.409	1,300.667	1,291.920	1,474.036	1,548.831	1,675.986	1,648.900	1,812.501	1,647.541	1,393.968	1,336.582	17,763.205
71	MW @ Primary Service	316.903	309.418	309.479	307.398	341.717	359.056	388.534	382.254	420.181	381.939	331.680	318.025	4,166.584
72	MW @ Transmission Service	26.898	26.262	26.268	26.091	36.619	38.477	41.636	40.963	45.028	40.930	28.152	26.993	404.317
73		1,675.666	1,636.089	1,636.414	1,625.409	1,852.372	1,946.364	2,106.156	2,072.117	2,277.710	2,070.410	1,753.800	1,681.600	22,334.106
74														
75														
76														


	Schedule A6-TOU:													
	Total Deliveries (MWh)	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
77	Total Deliveries (MWh)	68,839	58,462	58,274	62,758	63,703	61,378	73,691	65,343	72,790	64,353	66,735	65,969	782,296
78	Total Deliveries (%)													
79	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
80	% @ Primary Service	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
81	% @ Transmission Service	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
82	Total Deliveries (MWh)	10,326	8,769	8,741	9,414	9,555	9,207	11,054	9,801	10,919	9,653	10,010	9,895	117,344
83	MWh @ Secondary Service	58,514	49,693	49,533	53,344	54,147	52,171	62,638	55,542	61,872	54,700	56,725	56,074	664,952
84	MWh @ Transmission Service	68,839	58,462	58,274	62,758	63,703	61,378	73,691	65,343	72,790	64,353	66,735	65,969	782,296
85	Non-Coincident Demand (%)													
86	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
87	% @ Primary Service	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%	0.1861%
88	% @ Transmission Service	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%	0.1781%
89	Non-Coincident Demand (MW)													
90	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
91	MW @ Primary Service	19,217	16,320	16,267	17,519	17,783	17,134	20,571	18,241	20,319	17,964	18,629	18,415	218,378
92	MW @ Transmission Service	104,213	88,503	88,218	95,006	96,436	92,916	111,558	98,920	110,194	97,421	101,026	99,867	1,184,279
93	Coincident Peak Demand (%)													
94	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
95	% @ Primary Service	0.1256%	0.1256%	0.1256%	0.1256%	0.1256%	0.1387%	0.1387%	0.1387%	0.1387%	0.1387%	0.1256%	0.1256%	0.1323%
96	% @ Transmission Service	0.1386%	0.1386%	0.1386%	0.1386%	0.1386%	0.1410%	0.1410%	0.1410%	0.1410%	0.1410%	0.1386%	0.1386%	0.1398%
97	Coincident Peak Demand (MW)													
98	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
99	MW @ Primary Service	12,969	11,014	10,979	11,824	13,253	12,770	15,331	13,595	15,144	13,389	12,573	12,429	155,269
100	MW @ Transmission Service	81,100	68,874	68,653	73,935	76,348	73,561	88,319	78,314	87,239	77,127	78,620	77,718	929,809
101	Med. & Large Comm./Ind.	94,069	79,888	79,632	85,759	89,601	86,331	103,650	91,909	102,383	90,516	91,193	90,147	1,085,078
102	Total Service Voltage Determinants													
103	Deliveries (MWh)													
104	Med & Large Comm./Ind.	812,562	784,660	784,620	784,153	806,512	841,842	918,163	896,266	986,165	894,531	844,939	812,096	10,166,508
105	Deliveries (MWh)													
106	MWh @ Secondary Service	580,704	567,029	567,145	563,266	579,986	609,381	659,344	648,784	713,165	648,192	607,589	582,537	7,327,123
107	MWh @ Primary Service	163,267	158,099	158,100	157,767	162,312	169,714	184,736	180,680	198,751	180,389	170,077	163,372	2,047,263
108	MWh @ Transmission Service	68,591	59,533	59,375	63,120	64,213	62,747	74,082	66,802	74,249	65,951	67,272	66,187	792,122
109	Non-Coincident Demand (MW)													
110	MW @ Secondary Service	1,610,238	1,572,377	1,572,703	1,561,850	1,608,214	1,689,669	1,828,103	1,798,971	1,977,503	1,797,241	1,684,496	1,614,980	20,316,344
111	MW @ Primary Service	343,145	332,600	332,611	331,731	341,322	357,088	388,431	380,161	418,150	379,583	357,651	343,479	4,305,953
112	MW @ Transmission Service	121,899	105,772	105,491	112,162	114,102	111,478	131,643	118,681	131,915	117,166	119,538	117,617	1,407,463
113	Total Service Voltage Determinants													
114	Deliveries (MWh)													
115	Med & Large Comm./Ind.	2,075,282	2,010,748	2,010,804	2,005,743	2,063,637	2,158,235	2,348,177	2,297,813	2,527,568	2,293,990	2,161,685	2,076,076	26,029,760
116	Total Service Voltage Determinants													
117	Deliveries (MWh)													
118	Med & Large Comm./Ind.	812,562	784,660	784,620	784,153	806,512	841,842	918,163	896,266	986,165	894,531	844,939	812,096	10,166,508
119	Deliveries (MWh)													
120	MWh @ Secondary Service	580,704	567,029	567,145	563,266	579,986	609,381	659,344	648,784	713,165	648,192	607,589	582,537	7,327,123
121	MWh @ Primary Service	163,267	158,099	158,100	157,767	162,312	169,714	184,736	180,680	198,751	180,389	170,077	163,372	2,047,263
122	MWh @ Transmission Service	68,591	59,533	59,375	63,120	64,213	62,747	74,082	66,802	74,249	65,951	67,272	66,187	792,122
123	Non-Coincident Demand (MW)													
124	MW @ Secondary Service	1,610,238	1,572,377	1,572,703	1,561,850	1,608,214	1,689,669	1,828,103	1,798,971	1,977,503	1,797,241	1,684,496	1,614,980	20,316,344
125	MW @ Primary Service	343,145	332,600	332,611	331,731	341,322	357,088	388,431	380,161	418,150	379,583	357,651	343,479	4,305,953
126	MW @ Transmission Service	121,899	105,772	105,491	112,162	114,102	111,478	131,643	118,681	131,915	117,166	119,538	117,617	1,407,463
127	Total Service Voltage Determinants													
128	Deliveries (MWh)													
129	Med & Large Comm./Ind.	2,075,282	2,010,748	2,010,804	2,005,743	2,063,637	2,158,235	2,348,177	2,297,813	2,527,568	2,293,990	2,161,685	2,076,076	26,029,760
130	Total Service Voltage Determinants													
131	Deliveries (MWh)													

	Schedules PA-T-1												
	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
132	Total Deliveries (MWh)												
133	14,458	14,767	14,430	16,203	18,986	21,208	22,789	21,696	23,002	20,000	17,804	15,145	220,488
134	Total Deliveries (%)												
135	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%	82.89%
136	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%	17.11%
137	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%
138	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%
139	Total Deliveries (MWh)												
140	11,984	12,240	11,961	13,430	15,738	17,580	18,890	17,984	19,066	16,578	14,757	12,554	182,763
141	2,474	2,527	2,469	2,772	3,249	3,629	3,899	3,712	3,936	3,422	3,046	2,591	37,726
142	0	0	0	0	0	0	0	0	0	0	0	0	0
143	14,458	14,767	14,430	16,203	18,986	21,208	22,789	21,696	23,002	20,000	17,804	15,145	220,488
144	Non-Coincident Demand (%)												
145	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%	0.4034%
146	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%	0.3695%
147	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%
148	Non-Coincident Demand (MW)												
149	48,345	49,376	48,252	54,179	63,485	70,916	76,202	72,546	76,914	66,876	59,532	50,643	737,265
150	9,141	9,336	9,123	10,244	12,003	13,408	14,408	13,716	14,542	12,644	11,256	9,575	139,396
151	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
152	57,486	58,712	57,375	64,422	75,489	84,325	90,610	86,262	91,456	79,520	70,787	60,218	876,661
153	On-Peak Demand (%)												
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	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%
156	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%
157	On-Peak Demand (MW)												
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	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
160	On-Peak Demand (MW)												
161	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
162	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
163	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
164	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
165	On-Peak Demand (MW)												
166	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	116,844
167	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	1,192,548
168	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	759,180
169	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	2,068,572
170	Schedule S: Standby Determinants:												
171	Contracted Standby Demand (MW)												
172	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	9,737	116,844
173	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	99,379	1,192,548
174	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	63,265	759,180
175	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	172,381	2,068,572

**ATTESTATION RE SAN DIEGO GAS & ELECTRIC'S
2017 Annual RSBA Rate Revisions
(18 CFR § 35.13 (d)(7))**

I, David Geier, attest that I am Vice President – Electric Transmission & System Engineering of San Diego Gas & Electric (“SDG&E”), and to the best of my knowledge and belief, the cost of service statements and supporting data submitted as part of this filing are true, accurate, and current representations of SDG&E’s books and other corporate documents.

December 13, 2016



David Geier

California All-Purpose Acknowledgement

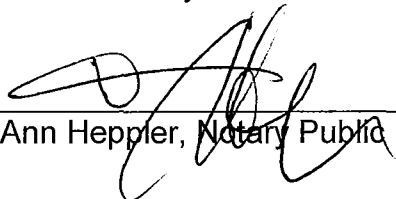
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
)
County of San Diego)

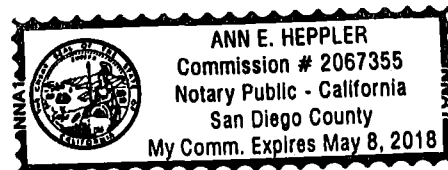
On December 13, 2016 before me, Ann Heppler, a Notary Public, personally appeared **David Geier**, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Ann Heppler, Notary Public



CERTIFICATE OF SERVICE

I hereby certify that I have this day served an electronic copy of the foregoing document upon each person designated on the official service list compiled by the Secretary in Docket No. ER13-941-000 and ER16-546-000. In addition, I certify that I have also caused the foregoing to be served upon the following:

Arocles Aguilar (via Overnight Mail)
General Counsel
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

Roger Collanton (via Overnight Mail)
General Counsel
California Independent System Operator Corporation
250 Outcropping Way
Folsom, CA 95630

Dated at San Diego, California, this 14th day of December, 2016.

/s/ Tamara Grabowski

Tamara Grabowski
Legal Administrative Associate
San Diego Gas & Electric Company
8330 Century Park Court, CP32D
San Diego, California 92123