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October 23, 2014

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

**Re: San Diego Gas & Electric Company,  
Docket No. ER15-\_\_\_-000**

Dear Ms. Bose:

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

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

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

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

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

## **I. CONTENTS OF FILING**

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

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

## **II. COMMUNICATIONS**

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

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<sup>2</sup> 16 U.S.C. §824d (d).

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

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### **III. DESCRIPTION OF FILING**

#### **A. 2014 Reliability Service Costs**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

The Hon. Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission  
October 23, 2014  
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**V. SERVICE**

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

Respectfully submitted,



Georgetta J. Baker

Attorney for

San Diego Gas & Electric Company

GJB: jd

Enclosures

# **San Diego Gas & Electric Company**

## **BLACK LINE Appendix V, Appendix VII**

## **APPENDIX V**

### **Reliability Services Revenue Requirement**

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



**APPENDIX VII**

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

**[SEE ATTACHED]**

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

**Summary of Reliability Services Retail Transmission Rates**

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

2015 Service Year

(1) Demand rate applied to customers' monthly maximum demand.

(2) Demand rate applied to standby customers' contract demand.

**Wholesale RS Rate**

**Wholesale RS rate**

\$/kWh  
**0.00024**

# **San Diego Gas & Electric Company**

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

## APPENDIX V

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2. The amount in (1) shall be effective until amended by the Participating TO in accordance with Appendix VI to this Tariff.

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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	0.0002 <del>59</del>				1
2						2
3	Small Commercial	0.0002 <del>79</del>				3
4						4
5	Medium & Large Commercial/Industrial (1)	0.000 <del>0543</del>	0.0 <del>65</del>	0.0 <del>65</del>	0.0 <del>75</del>	5
6						6
<del>7</del>	<del>Agricultural</del>					<del>7</del>
<del>8</del>	<del>Schedules PA and TOU-PA</del>	<del>0.00016</del>				<del>8</del>
<del>9</del>	<del>Schedule PA-T-1 (1)</del>	<del>0.00005</del>	<del>0.02</del>	<del>0.02</del>	<del>0.02</del>	<del>9</del>
<del>10</del>						<del>10</del>
<del>117</del>	<del>Street Lighting</del>	<del>0.000215</del>				<del>117</del>
<del>128</del>						<del>128</del>
<del>139</del>	<del>Standby Rate (2)</del>		<del>0.032</del>	<del>0.032</del>	<del>0.032</del>	<del>139</del>

201~~53~~ Service Year

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

**Wholesale RS Rate**

	<b>Wholesale RS rate</b>	\$/kWh <b>0.000247</b>
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**San Diego Gas & Electric Company**

**Exhibit No. SDG-1**

**Prepared Direct Testimony of**

**Christian A. Soderlund**

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

**San Diego Gas & Electric Company)**

**Docket No. ER15-\_\_\_\_-000**

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

**October 23, 2014**





1 **II. PURPOSE**

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

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

11 **Q6: Please summarize SDG&E’s 2015 RS Forecast.**

12 A6: As shown in Exhibit SDG-1-1, SDG&E’s 2015 RS forecast is equal to \$3,979 thousand,  
13 consisting of \$3,415 thousand for Reliability Must Run (“RMR”) and \$564 thousand for  
14 Exceptional Dispatch.

15 **III. COMPONENTS OF RS COSTS**

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

18 A7: There are two primary cost components of SDG&E’s RS charges:

- 19 1) RMR;  
20 2) Exceptional Dispatch

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

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

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

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

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

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

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

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

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

22 A11: Yes. RA requirements address both local and total system capacity source requirements.  
23 The LCR portion of RA overlaps with much of the RMR requirements related to  
24 maintaining local transmission reliability. Both LCR and RMR provide the CAISO with  
25 local capacity to maintain transmission reliability. The LCR was designed to supply at  
26 least as much local capacity as do RMR contracts. Thus, LCR has the potential to  
27 eliminate all RMR contracts. However, RMR contracts may still be needed, if RA  
28 contracts don’t provide adequate quick start, load following, or other features needed to  
29 assure local transmission reliability. Finally, the CAISO can rely on the dispatch of

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

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

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

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

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

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

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

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

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

3 A15: The CAISO released Dynegy South Bay 1, 2, and the Combustion Turbine, the last  
4 remaining local units, from RMR, but certain costs resulting from ER10-166-000, the  
5 Settlement for Dynegy South Bay, were forecast to occur in 2014. For 2015, no Dynegy  
6 South Bay Termination Fee RMR costs are forecast to occur, as described in the  
7 Response in A18. In addition, as described more fully in the Response in A19, SDG&E is  
8 also forecasting its share of RMR costs in 2015 related to the conversion of AES  
9 Huntington Beach Generating Station Units 3 and 4 (“HB 3 and 4”) to RMR voltage  
10 support service. In 2015, total fixed RS costs are forecast to slightly decrease due to the  
11 terms of the RMR Contract for the HB 3 and 4 conversion, as found in ER13-1630-000  
12 and ER13-1630-001. For RS variable energy costs, SDG&E forecasts a slight increase  
13 due to a higher Exceptional Dispatch even though the forecast for the variable RMR costs  
14 related to the HB 3 and 4 RMR service is lower. For the 2015 RMR forecast, SDG-1-2  
15 has Line 1 for HB 3 and 4. SDG-1-2 Line 3 is the 2015 Exceptional Dispatch forecast.

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

17 A16: SDG&E’s variable RMR cost forecast is based on the simple monthly average for HB 3  
18 and 4 Motor Charge, a variable RMR cost, for the service months of July, August and  
19 September 2013, since SDG&E does not yet have September 2014 Adjusted Final  
20 Invoice data. The average is based on this HB 3 and 4 RMR invoice data and then  
21 adjusted to SDG&E’s 20 percent share of HB 3 and 4 costs. The June 2013 invoice data  
22 was not included in the average due to the fact that the HB 3 and 4 did not begin  
23 providing RMR service until the end of June 2013.

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

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

- 26 (1) The total capacity costs of all the RMR units;
- 27 (2) The RMR unit owner’s election of Condition 1 or Condition 2;
- 28 (3) The RMR unit’s actual performance for the year (including any penalties); and
- 29 (4) Capital additions like pollution control equipment (major projects must be  
30 approved by CAISO).

31 RMR variable costs are driven by three factors:

- 1 (1) Local reliability management;
- 2 (2) Congestion management on non-competitive paths; and
- 3 (3) RMR Condition 2 Units following Exceptional Dispatch instructions

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

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

7 **Q18: Are there forecast Termination Fees due Dynegy related to the release of South Bay**  
8 **Unit 3 and 4 at the end of 2009, and the release of the remaining units at the end of**  
9 **2010?**

10 A18: There are no forecast Termination Fees due Dynegy related to the release of South Bay  
11 Unit 3 and 4. By way of background, with the release of Dynegy South Bay Unit 3 and 4  
12 at the end of 2009, and the remaining units at the end of 2010, Dynegy submitted two  
13 Termination Fees pursuant to Section 2.5 of the RMR Agreement. A Termination Fee for  
14 South Bay 3 was submitted in May 2010 and for South Bay 2 in December 2010. Both  
15 of these Termination Fees relate to pollution control equipment capital additions,  
16 approved in 2001 but not fully recovered under the RMR Agreement.

17 **Q19: Please explain why SDG&E is including RMR costs in 2015 related to the**  
18 **conversion of HB 3 and 4 to RMR service.**

19 A19: As a result of the unexpected long-term outage, and eventual shutdown, of San Onofre  
20 Nuclear Generating Station Units 2 and 3, the CAISO Board of Governors, in September  
21 2012, authorized CAISO Management to designate HB 3 and 4 for RMR service as  
22 necessary to provide voltage support in the Los Angeles Basin and San Diego/Imperial  
23 Valley local areas by the conversion of HB 3 and 4 to synchronous condensers. Based on  
24 extensive negotiations between AESHB, CAISO, Southern California Edison, SDG&E,  
25 along with other interested Parties, agreement was reached. On November 9, 2012, HB 3  
26 and 4 and the CAISO jointly filed a Reliability Must-Run Service Agreement with the  
27 Commission in ER13-351-000. On June 3, 2013, HB 3 and 4 and the CAISO jointly  
28 filed revisions in Reliability Must-Run Service Agreement with the Commission in  
29 ER13-351-000 for HB 3 and 4, to reflect modest changes resulting from the actual  
30 additional costs incurred due to a 25 day delay in the Commercial Operations Date for the  
31 units from June 1, 2013, to June 26, 2013. On July 25, 2013, the Commission accepted

1 the revisions in ER13-1630-000 and ER13-1630-001. On September 11, 2014, CAISO  
2 Management recommended to the CAISO Board of Governors that the RMR Contract for  
3 HB 3 and 4 be extended for 2015. In the CAISO Board of Governors Meeting on  
4 September 18 and 19, 2014, the Board of Governors authorized CAISO Management to  
5 extend the HB 3 and 4 RMR Contract. As a result, SDG&E is also including its 20%  
6 share of HB 3 and 4 RMR costs in 2015 Forecasted Costs in Exhibit SDG-1-1 on Line 4.

7 **Q20: Could other RMR costs not being forecast for 2015 occur in 2015?**

8 A20: Yes. The RMR Agreement, in section 2.4 - Effect of Expiration or Termination, states:  
9 “Expiration or termination of this Agreement shall not affect the accrued rights and  
10 obligations of either Party, including either Party's obligations to make all payments to  
11 the other Party pursuant to this Agreement or post-termination audit rights under Section  
12 12.2.” Later, in Section 9.1 (b) states that the “Owner will submit to CAISO RMR  
13 Invoices for each Month during the term of this Agreement, which are defined in this  
14 Section 9.1(b) as follows: (i) Estimated RMR Invoice; (ii) Revised Estimated RMR  
15 Invoice; (iii) Adjusted RMR Invoice; and (iv) Revised Adjusted RMR Invoice.” Either  
16 or both of these sections could result in RMR invoices being submitted to the CAISO  
17 well beyond the service month in which they occurred. If these RMR costs occur, they  
18 will be charged to the RSBA.

19 **Q21: Please explain Exceptional Dispatch.**

20 A21: The Exceptional Dispatch portion of RS energy costs is driven by three main factors:

- 21 1) Responding to or preventing a CAISO System Emergency, or a situation that  
22 threatens System Reliability;
- 23 2) Responding to a CAISO “Other Exceptional Dispatch” situation, such as  
24 providing Voltage Support, or responding, preventing, or minimizing a Market  
25 Disruption;
- 26 3) Responding to a Transmission-Related Modeling Limitation due to, *e.g.*,  
27 transmission maintenance, lack of voltage support, system conditions, including  
28 threatened or imminent reliability conditions for which the CAISO’s Market or  
29 System modeling is too slow or incapable of resolving.

30 **Q22: How is Exceptional Dispatch priced?**

1 A22: Resources that are exceptionally dispatched are paid at either the Resource-Specific  
2 Settlement Interval LMP, their Energy Bid cost, the Default Energy Bid cost, or the  
3 Energy Bid cost at a negotiated price, consistent with Section 11 of the CAISO Tariff.

4 **Q23: What are the challenges in forecasting Exceptional Dispatches for RS costs?**

5 A23: At a local level, the Exceptional Dispatch portion of RS costs is affected by four main  
6 factors:

- 7 1) SDG&E total load level;
- 8 2) RMR and RA unit start times and cycling restrictions;
- 9 3) Import limitations; and
- 10 4) Planned and forced transmission reconfigurations.

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

13 In sum, Exceptional Dispatch is typically driven by either unforeseen or  
14 unplanned events or market participant schedules that SDG&E does not and cannot have  
15 access to because the CAISO treats this data as confidential. Since the energy price data  
16 and the units that could be exceptionally dispatched are not known ahead of time, the  
17 2015 forecast is based on Exceptional Dispatch costs recorded in 2014. Any differential  
18 between the forecasted and actual amount of Exceptional Dispatch costs for the 2015  
19 period will be reflected in the RSBA. The estimate for these Exceptional Dispatch costs  
20 for 2015 is found in Exhibit SDG-1-1, Line 8.

21 **Q24: What other factors make forecasting the variable energy component of RS costs  
22 difficult for 2015?**

23 A24: As explained previously, it is a challenge to forecast RS energy. Moreover, an additional  
24 assumption, *i.e.*, the net contractual cost per MWh, is needed to turn the forecasted  
25 energy into an RS cost. For Exceptionally Dispatched units, this net cost per MWh  
26 described in A22 is based on market participant schedules that SDG&E does not and  
27 cannot have access to because the CAISO treats this data as confidential.

28 **Q25: Could other Exceptional Dispatch costs not forecast for 2015 occur in 2015?**

29 A25: Yes. In the current CAISO Tariff, section 11.29.7, it states that the CAISO will publish:  
30 (i) Initial Settlement Statements T+3B on the third (3) Business Day from the relevant  
31 Trading Day (T+3B), (ii) Recalculation Settlement Statements T+12B on the twelfth (12)



1 Business Day from the relevant Trading Day (T+12B), (iii) Recalculation Settlement  
2 Statements T+55B on the fifty-fifth (55) Business Day from the relevant Trading Day  
3 (T+55B), (iv) Recalculation Settlement Statements T+9M on the one-hundred and ninety-  
4 fourth (194) Business Day after the Trading Day, which is approximately nine (9) months  
5 after the Trading Day (T+9M) if necessary, (v) Recalculation Settlement Statements  
6 T+18M on the three hundred and eighty third (383) Business Day after the Trading Day,  
7 which is approximately eighteen (18) calendar months from the relevant Trading Day  
8 (T+18M) if necessary, (vi) Recalculation Settlement Statements T+35M on the seven  
9 hundred and thirty-seventh (737) Business Day after the Trading Day, which is  
10 approximately thirty-five (35) calendar months from the relevant Trading Day (T+35M)  
11 if necessary, (vii) Recalculation Settlement Statements T+36M on the seven hundred and  
12 fifty-ninth (759) Business Day after the Trading Day, which is approximately thirty-six  
13 (36) calendar months from the relevant Trading Day (T+36M) if necessary, and (viii) any  
14 Unscheduled Recalculation Settlement Statement issued pursuant to CAISO Tariff  
15 Section 11.29.7.3. To the extent the CAISO produces any additional RS costs according  
16 to the settlement cycle above, these RS costs will be charged to the RSBA.

17 **Q26: Could other RS costs occurring prior to the Go Live date of MRTU, April 1, 2009 be**  
18 **invoiced in 2015?**

19 A26: Yes. Although not anticipated, in the event the CAISO determines or is required to rerun  
20 a period that occurred prior to the April 1, 2009, which could involve RS charges, the  
21 CAISO's Business Practice Manual for Settlements and Billing, 3.3.2-Historic Rerun  
22 Pass Through Bills, provides a process for billing these Historic Rerun charges in 2015.  
23 To the extent these RS costs occur, they will be charged to the RSBA.

24 **Q27: Were RS costs occurring prior to the Go Live date of MRTU, April 1, 2009 recorded**  
25 **in 2014?**

26 A27: Yes. As a result of ER04-835-008, a Docket related to CAISO Amendment 60, the  
27 CAISO resettled the trade dates of July 17, 2004 through March 31, 2009. Due to the  
28 resettlement, a credit amount, as opposed to an expense, of approximately \$365 thousand  
29 was recorded in June of 2014 into the RSBA for two retired Reliability Service charge  
30 codes via the CAISO process described in the Response in A26.

31 **Q28: What is the expected fixed component of RS costs for 2015?**

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

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

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

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

5 A30: The expected total RS costs for 2015 are found in Statement BK (Cost of Service), as  
6 sponsored by SDG&E witness, William Saxe (Exhibit SDG-2). Statement BK includes  
7 the under-collected RS balance as of September 30, 2014, as found in Exhibit SDG-1-1,  
8 Line 15, and the total 2015 RS Forecast, as found in Exhibit SDG-1-1, Line 13.

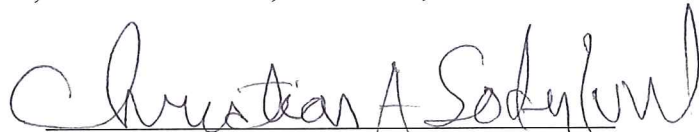
9 **Q31: Does this conclude your testimony?**

10 A31: Yes, it does.

VERIFICATION

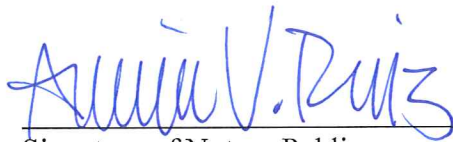
State of California        )  
  )  
County of SAN DIEGO    )

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

  
\_\_\_\_\_  
Christian A. Soderlund

State of California        )  
County of San Diego    )

Subscribed and sworn to (or affirmed) before me on this **22<sup>nd</sup> day of October, 2014**, by **Christian A. Soderlund**, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

  
\_\_\_\_\_  
Signature of Notary Public



(Seal of Notary)

**San Diego Gas & Electric Company**

**Exhibit No. SDG-2**

**Prepared Direct Testimony of**

**William Saxe**

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

**San Diego Gas & Electric Company)**

**Docket No. ER15-\_\_\_\_-000**

**PREPARED DIRECT TESTIMONY OF  
WILLIAM G. SAXE  
ON BEHALF OF  
SAN DIEGO GAS & ELECTRIC COMPANY**

**October 23, 2014**

**PREPARED DIRECT TESTIMONY OF**  
**WILLIAM G. SAXE**  
**ON BEHALF OF**  
**SAN DIEGO GAS & ELECTRIC COMPANY**

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

A1. My name is William G. Saxe, and I am a Project Manager III in the Customer Pricing department for San Diego Gas & Electric Company (“SDG&E”). My business address is 8330 Century Park Court, San Diego, CA 92123-1530.

**Q2. Please summarize your education.**

A2. I received a Bachelor of Science degree in Economics from the University of Wisconsin-Madison in 1985. I received a Master of Business Administration degree, with a concentration in Finance, from the University of Wisconsin-Madison in 1990.

**Q3. Please describe your current responsibilities as well as prior experience before coming to SDG&E.**

A3. My primary responsibilities include the development of cost-of-service studies, determination of revenue allocation and electric rate design methods, analysis of ratemaking theories, and preparation of various regulatory filings. I have worked for SDG&E since February 2001. Prior to joining SDG&E, I was employed by Sempra Energy, the parent company of SDG&E, from April 1999 through January 2001. In addition, I was employed by the Illinois Commerce Commission (“ICC”) from September 1990 through April 1999.

I have previously submitted testimony before the Federal Energy Regulatory Commission (“FERC”). In addition, I have previously submitted testimony before the California Public Utilities Commission (“CPUC”) and ICC.

**I. ORGANIZATION OF TESTIMONY**

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

A4. My testimony is organized into the following sections:

I. Organization of Testimony;

II. Introduction and Purpose of Testimony;

III. Development of SDG&E’s Reliability Services (“RS”) Rates;

1 IV. Revisions to Appendix VII; and

2 V. Summary

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

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

5 A5. The purpose of my testimony is to present 2015 RS retail and wholesale rates proposed  
6 for SDG&E customers. In addition, my testimony proposes one change to SDG&E's  
7 End-Use-Customer retail rate design used to develop RS rates. Finally, my testimony  
8 presents proposed conforming revisions to SDG&E FERC Electric Tariff, Volume 11,  
9 Appendix VII ("Appendix VII"). Specifically my testimony proposes the following:

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

13 2) Proposes to add a new Agricultural class consisting of Schedules PA, TOU-PA  
14 and PA-T-1, which is consistent with the CPUC rate design implemented pursuant  
15 to Decision ("D.") 14-01-002 and FERC rate design proposed for SDG&E End-  
16 Use-Customer Transmission Service rates in Docket No. ER14-2748-000; and

17 3) Proposes conforming revisions to Appendix VII.

18 **III. DEVELOPMENT OF SDG&E'S RELIABILITY SERVICES ("RS") RATES**

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

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

22 A6. Statement BK (Derivation of Reliability Cost of Service), page 1, shown in Exhibit No.  
23 SDG-3, derives SDG&E's total RS cost of service. Lines 1 and 3 show the demand and  
24 energy cost components, respectively, brought forward from Statement AH (Operation  
25 and Maintenance Expenses), as shown in Exhibit No. SDG-3. Lines 8 and 9 show the  
26 demand and energy cost components, respectively, of the RS Balancing Account, which  
27 were brought forward from Statement AG (Specified Deferred Debits). The balancing  
28 account reflects the RS revenue and RS expense activity for the period 12-months ended  
29 September 2014. Lines 14 and 16 reflect SDG&E's applicable city franchise fee and  
30 uncollectible rates, respectively, that need to be added to the RS costs. Line 18 shows the  
31 total RS cost of service.

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

25 **D. RS Rate Design Change**

26 **Q12. Is SDG&E proposing any rate design changes in this proceeding?**

27 A12. Yes. SDG&E is proposing to change the rate design methodology for RS in this  
28 proceeding to reflect a new Agricultural class.

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

1 A13. Pursuant to D.14-01-002, SDG&E implemented CPUC jurisdictional rates on May 1,  
2 2014 that reflect an Agricultural class consisting of Schedules PA, TOU-PA and  
3 PA-T-1.<sup>1</sup> Currently, FERC adopted rates are based on Schedules PA and TOU-PA being  
4 included in the Small Commercial class and Schedule PA-T-1 included in the Medium &  
5 Large Commercial/Industrial class. Because the applicability for Schedules PA, TOU-  
6 PA and PA-T-1 are for Agricultural customers, specifically customers in the production  
7 of animal products and/or for general service to pump water, SDG&E recommends that  
8 FERC adopt SDG&E's proposal to create a separate Agricultural class for FERC rate  
9 design purposes, consistent with the Agricultural class definition set forth in SDG&E's  
10 CPUC tariffs. For this reason, SDG&E proposed adding the new Agricultural class in the  
11 development of End-Use-Customer Transmission Services rates in ER14-2748-000, filed  
12 on August 29, 2014. In this testimony I'm proposing to also add the new Agricultural  
13 class in the development of End-Use-Customer RS rates.

14 **Q14. Please describe the rate classes that are affected by SDG&E's proposal to create a**  
15 **new Agricultural class.**

16 A14. As stated above, the Agricultural class will consist of Schedules PA, TOU-PA and  
17 PA-T-1. Schedules PA and TOU-PA are currently included in the Small Commercial  
18 class while Schedule PA-T-1 is currently included in the Medium & Large  
19 Commercial/Industrial class. For this reason, this rate design change impacts the Small  
20 Commercial, Medium & Large Commercial/Industrial, and Agricultural classes.

21 **E. RS Retail Customer Class Rate Design and Customer Rate Increase Impacts**

22 **Q15. How does SDG&E propose to design the rates related to RS revenue requirement**  
23 **recovery?**

24 A15. With the exception of adding the Agricultural class, as explained above, SDG&E is using  
25 the same rate design that FERC approved in its last RS filing in Docket No.  
26 ER14-683-000, which went into effect on January 1, 2014. The customer classes with  
27 the designations of the CPUC are as follows:

- 28 • **Residential Customers** – DR, DR-LI, DR-TOU, EV-TOU, EV-TOU-2, DR-SES,  
29 DM, DS, DT, and DT-RV.

---

<sup>1</sup> SDG&E Advice Letter 2595-E, approved by CPUC letter dated July 22, 2014.

- 1 • Small Commercial Customers – A, A-TC, A-TOU, and TOU-A.
- 2 • Medium & Large Commercial/Industrial Customers – AD, AY-TOU, AL-TOU,
- 3 DG-R, A6-TOU, and OL-TOU.
- 4 • Agricultural – PA, TOU-PA, and PA-T-1.<sup>2</sup>
- 5 • Street Lighting – DWL, OL-1, OL-2, LS-1, LS-2, and LS-3.
- 6 • Standby Service – S

7

8 **Q16. What are the proposed retail and wholesale RS rates, by rate class that SDG&E is**

9 **seeking approval in the instant filing?**

10 A16. The proposed retail and wholesale rates are shown in Exhibit No. SDG-3, Statement BL,

11 page 1.

12 **Q17. How did you develop the rates shown in Exhibit No. SDG-3, Statement BL?**

13 A17. On Statement BL, pages 7 through 13, I show the derivation of each rate. The first step

14 in the rate design process is to take the revenue requirement for each customer class, as

15 shown on page 5, Column C, and design the rates based on 2015 forecasted billing

16 determinants to collect this applicable revenue requirement. The rate design on pages 7

17 through 13 are explained in the explanatory notes that are shown in the reference column

18 of each page. After designing each rate, I rounded each rate to the appropriate significant

19 digit used by SDG&E for billing purposes. I then used the rounded rate to verify that it

20 proved out to recover the revenue requirement of the applicable customer class. The

21 revenue proof is shown on Column B of page 6 that shows the difference between

22 customer class revenue requirements and proof of revenues to ensure that SDG&E

23 collects its entire RS revenue requirement.

24 **Q18. In deriving the RS rates for the Medium & Large Commercial/Industrial class,**

25 **Schedule PA-T-1 of the new Agricultural class, and Standby class, did you recognize**

26 **the fact that these customer are served at different voltage levels?**

---

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

1 A18. Yes I did. In recognition of the fact that customers in these rate classes are served at  
2 secondary, primary, and transmission voltage levels, SDG&E derived three voltage-  
3 differentiated RS demand rates for these classes. Exhibit No. SDG-3, Statement BL,  
4 pages 9, 11, and 13 show the derivation of these rates for the Medium & Large  
5 Commercial/Industrial class, Schedule PA-T-1 of the Agricultural class, and Standby  
6 class, respectively.

#### 7 **IV. REVISIONS TO APPENDIX VII**

##### 8 **Q19. Are you proposing any revisions to SDG&E Appendix VII?**

9 A19. Yes. I am sponsoring the following tariff sheet revisions to SDG&E Appendix VII.

- 10 • Appendix VII – Revised RS rates by End-Use-Customer class applicable to 2015  
11 service. Also, as proposed in this filing I added “Agricultural” to the list of End-  
12 Use Customer classes identified in the “Summary of Reliability Services Retail  
13 Transmission Rates” table in Appendix VII.
- 14 • Appendix VII – Revised 2014 Wholesale RS Rate applicable to SDG&E’s lone  
15 wholesale customer.

##### 16 **Q20. Are you including complete Appendix VII at this time to incorporate these** 17 **revisions?**

18 A20. Yes. Attachment No. 1 and No. 2 provide clean and redline versions of Appendix VII,  
19 respectively, that reflect the revisions discussed above.

#### 20 **V. SUMMARY**

##### 21 **Q21. What is your testimony recommending?**

22 A21. My testimony recommends that FERC approve SDG&E’s 2015 RS retail and wholesale  
23 rates proposed for SDG&E customers. In addition, my testimony recommends that  
24 FERC approve SDG&E’s proposal to create an Agricultural class and move Schedules  
25 PA and TOU-PA from the Small Commercial class and Schedule PA-T-1 from the  
26 Medium & Large Commercial/Industrial class into this new Agricultural class. SDG&E  
27 proposes that the addition of the new Agricultural class become effective as of January 1,  
28 2015, concurrently with the effective date of SDG&E’s 2015 RS retail and wholesale  
29 rates.


##### 30 **Q22. Does this conclude your testimony?**

31 A22. Yes, it does.

VERIFICATION

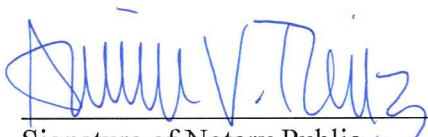
State of California            )  
  )  
County of San Diego         )


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

  
\_\_\_\_\_  
William G. Saxe

State of California            )  
County of San Diego         )

Subscribed and sworn to (or affirmed) before me on this **22<sup>nd</sup> day of October, 2014**, by **William G. Saxe**, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

  
\_\_\_\_\_  
Signature of Notary Public

  
(Seal of Notary)

# **San Diego Gas & Electric Company**

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

### **Reliability Service Filing Cost Statements**

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

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

- A. Statement AG – Specified Deferred Debits**
- Derivation of RS balancing account as of September 30, 2014.
- B. Statement AH – Operation and Maintenance Expenses**
- Estimated RS costs forecast for 2015.
- C. Statement BB – Allocation Demand & Capability Data**
- Supports 12CP allocation factor and allocation of demand related RS costs.
- D. Statement BD – Allocation Energy and Supporting Data**
- Supports the allocation of energy related RS costs
- E. Statement BG – Revenue Data to Reflect Changed Rates**
- Monthly retail revenues showing proposed versus current rates during the rate effective period of January through December 2015.
  - Monthly retail revenues using proposed rates during the rate effective period of January through December 2015.
- F. Statement BH – Revenue Data to Reflect Present Rates**
- Monthly retail revenues using current rates during the rate effective period of January through December 2015.
- G. Statement BK – Derivation of Reliability Cost of Service**
- Derivation of RS revenue requirements
- H. Statement BL – Rate Design Information**
- Summary of proposed retail rates for Residential Customers, Small Commercial Customers, Medium-Large Commercial Customers, Streetlighting Customers, and Standby Customers.
  - Allocation of demand related costs
  - Allocation of energy related costs.
  - Summary of demand and energy costs.
  - Proof of revenues
  - Individual customer class rate design for Residential Customers, Small Commercial Customers, Medium-Large Commercial Customer, Streetlighting Customers and Standby Customers.

# San Diego Gas & Electric Company

## Statement – AG Specified Deferred Debits

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



**Statement AG**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Specified Deferred Debits**  
**(\$1,000)**

Line No.	Category	Amounts	Reference	Line No.
1	<b><u>RS BALANCING ACCOUNT:</u></b>	\$ 801	September 30, 2014; RSBA Balance	1
2	Demand Costs Allocation Percentage <sup>1</sup>	50.30%	See Line 19 Below	2
3	Allocated Beginning Balance - Demand Costs	403	Cost as a % of Total RS Cost. Line 1 x Line 3	3
4				4
5	Energy Costs Allocation Percentage <sup>2</sup>	49.70%	See Line 20 Below	5
6	Allocated Beginning Balance - Energy Costs	398	Cost as a % of Total RS Cost. Line 1 x Line 7	6
7				7
8	Total RS Balancing Account as of September 30, 2014	\$ 801	Line 5 + Line 9	8
9				9
10				10
11				11
12				12
13	<b><i>NOTES 1 &amp; 2: Derivation of Demand &amp; Energy Allocation %</i></b>			13
14				14
15	Total Demand Cost	\$ 2,721	Docket No. ER14-683; Statement BL; Pg 5; Line 11; Column A	15
16	Total Energy Cost	2,689	Docket No. ER14-683; Statement BL; Pg 5; Line 11; Column B	16
17	Total RS Costs	\$ 5,410	Line 15 + Line 16	17
18				18
19	Demand Cost Allocation Percentage	50.30%	Line 15 / Line 17	19
20	Energy Costs Allocation Percentage	49.70%	Line 16 / Line 17	20
21	Total	100.00%	Line 19 + Line 20	21
22				22

# San Diego Gas & Electric Company

## Statement – AH Operation and Maintenance Expenses

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

**Statement AH**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**For Rate Effective Period January thru December 31, 2015**  
**Operating and Maintenance Expenses**  
**(\$1,000)**

Line No.	Category	Amounts	Reference	Line No.
1	Forecast Demand Costs	\$ 3,359	C. Soderlund Testimony; Exhibit SDG-1-2; Line 8	1
2				2
3	Forecast Energy Costs	\$ <u>620</u>	C. Soderlund Testimony; Exhibit SDG-1-2; Line 9	3
4				4
5	Total	\$ <u><u>3,979</u></u>	Line 1 + Line 3	5

# San Diego Gas & Electric Company

## Statement – BB Allocation Demand and Capability Data

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

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

Line No.	Customer Class	(a) 5-Year Average Of 12-CPs Kilowatts @ Meter Level <sup>1</sup>	(b) Transmission Loss Factors	(c) = (a) x (b) 5-Year Average Of 12-CPs; Kilowatts @ Transmission Level	12-CP Allocation Percentages @ Transmission Level	Reference <sup>1</sup>	Line No.
1	Residential	15,728,019	1.0457	16,446,789	40.89%	Statement BB, Page BB-2; Line 1	1
2							2
3	Small Commercial	4,244,735	1.0457	4,438,719	11.03%	Statement BB, Page BB-2; Line 2	3
4							4
5	Medium & Large Commercial/Industrial						5
6	Secondary	13,004,290	1.0457	13,598,586	33.81%	Statement BB, Page BB-2; Line 22	6
7	Primary	3,241,675	1.0108	3,276,685	8.15%	Statement BB, Page BB-2; Line 23	7
8	Transmission	1,330,750	1.0000	1,330,750	3.31%	Statement BB, Page BB-2; Line 24	8
9	Total Med. & Large Comm./Ind.	17,576,715	1.0358	18,206,021	45.26%	Sum Lines 6; 7; 8	9
10							10
11	Agricultural						11
12	Secondary	310,714	1.0457	324,914	0.81%	Statement BB, Page BB-2; Line 28	12
13	Primary	33,606	1.0108	33,969	0.08%	Statement BB, Page BB-2; Line 29	13
14	Transmission	-	1.0000	-	0.00%	Statement BB, Page BB-2; Line 30	14
15	Total Agriculture	344,320	1.0423	358,883	0.89%	Sum Lines 12; 13; 14	15
16							16
17	Street Lighting	145,726	1.0457	152,386	0.38%	Statement BB, Page BB-2; Line 5	17
18							18
19	Standby						19
20	Secondary	38,012	1.0457	39,749	0.10%	Statement BB, Page BB-2; Line 34	20
21	Primary	360,436	1.0108	364,329	0.91%	Statement BB, Page BB-2; Line 35	21
22	Transmission	218,081	1.0000	218,081	0.54%	Statement BB, Page BB-2; Line 36	22
23	Total Standby	616,529	1.0091	622,159	1.55%	Sum Lines 20; 21; 22	23
24							24
25	System Total	38,656,044	1.04059	40,224,957	100.00%	Sum Lines 1; 3; 9; 15; 17; 23	25

Notes:

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

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

Line No.	Customer Class	2007	2008	2009	2010	2011	5-Year Average	Line No.
	<b>KW</b>							
1	Residential	15,053,564	16,484,543	15,850,027	16,014,623	15,237,336	15,728,019	1
2	Small Commercial	4,392,015	4,612,774	4,255,261	3,864,923	4,098,701	4,244,735	2
3	Med & Large Comm/Ind	18,600,614	18,872,148	18,082,472	17,758,963	17,652,022	18,193,244	3
4	Agricultural	353,210	360,726	333,959	296,153	377,551	344,320	4
5	Lighting	<u>163,884</u>	<u>134,715</u>	<u>139,195</u>	<u>163,704</u>	<u>127,130</u>	<u>145,726</u>	5
6	Total System	38,563,287	40,464,906	38,660,914	38,098,366	37,492,740	38,656,044	6
7								7
8	<b>% of Total System</b>							8
9	Residential	39.0%	40.7%	41.0%	42.0%	40.6%	40.7%	9
10	Small Commercial	11.4%	11.4%	11.0%	10.1%	10.9%	11.0%	10
11	Med & Large Comm/Ind	48.2%	46.6%	46.8%	46.6%	47.1%	47.1%	11
12	Agricultural	0.9%	0.9%	0.9%	0.8%	1.0%	0.9%	12
13	Lighting	<u>0.4%</u>	<u>0.3%</u>	<u>0.4%</u>	<u>0.4%</u>	<u>0.3%</u>	<u>0.4%</u>	13
14	Total System	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	14
15								15
16	<b>ice Voltage Level Breakdown</b>							16
17								17
18	<b>Customer Class</b>						<b>5-Year Average</b>	18
19								19
20	<b>KW</b>							20
21	<b>Med &amp; Large Comm/Ind</b>							21
22	Secondary						13,004,290	22
23	Primary						3,241,675	23
24	Transmission						<u>1,330,750</u>	24
25	Subtotal						17,576,715	25
26								26
27	<b>Agricultural</b>							27
28	Secondary						310,714	28
29	Primary						33,606	29
30	Transmission						<u>0</u>	30
31	Subtotal						344,320	31
32								32
33	<b>Standby</b>							33
34	Secondary						38,012	34
35	Primary						360,436	35
36	Transmission						<u>218,081</u>	36
37	Subtotal						616,529	37

Notes:

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

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# San Diego Gas & Electric Company

## Statement – BD Allocation Energy and Supporting Data

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

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

Line No.	Months	(a) Retail Energy Sales @ Meter Level	(b) City of Escondido @ Meter Level	(c) = (a) - (b) Retail Energy Sales @ Meter Level	Reference	Line No.
1	January-15	1,725,846	3	1,725,842	Statement BD, Page 3, Line 9	1
2	February-15	1,603,071	3	1,603,068	Statement BD, Page 3, Line 9	2
3	March-15	1,563,226	3	1,563,223	Statement BD, Page 3, Line 9	3
4	April-15	1,514,253	3	1,514,250	Statement BD, Page 3, Line 9	4
5	May-15	1,544,754	3	1,544,751	Statement BD, Page 3, Line 9	5
6	June-15	1,616,793	3	1,616,790	Statement BD, Page 3, Line 9	6
7	July-15	1,785,145	3	1,785,142	Statement BD, Page 3, Line 9	7
8	August-15	1,780,029	3	1,780,026	Statement BD, Page 3, Line 9	8
9	September-15	1,942,544	3	1,942,541	Statement BD, Page 3, Line 9	9
10	October-15	1,698,799	3	1,698,796	Statement BD, Page 3, Line 9	10
11	November-15	1,616,986	3	1,616,983	Statement BD, Page 3, Line 9	11
12	December-15	1,670,345	3	1,670,342	Statement BD, Page 3, Line 9	12
13	Total	20,061,791	37	20,061,754	Sum Lines 1 thru 12	13



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

Line No.	Customer Class	(a) Energy MWH @ Meter Level	(b) Transmission Loss Factors	(c) = (a) x (b) Energy MWH @ Transmission Level	(d) = (c) / (c) Line 22 Energy Allocation Factors @ Transmission Level	Line No.
1	<u>Summary of Energy Allocators</u>					1
2	Residential Customers	7,695,401	1.0457	8,047,081	38.54%	2
3	Small Commercial Customers	1,933,615	1.0457	2,021,982	9.69%	3
4	Medium & Large Commercial/Industrial Customers					4
5	Secondary	7,394,745	1.0457	7,732,684	37.04%	5
6	Primary	1,859,013	1.0108	1,879,090	9.00%	6
7	Transmission	771,656	1.0000	771,656	3.70%	7
8	Total Medium-Large Commercial	10,025,413		10,383,430	49.74%	8
9						9
10	Agricultural (Schedules PA, TOU-PA and PA-T-1)					10
11	Schedules PA and TOU-PA	82,920	1.0457	86,710	0.42%	11
12						12
13	Schedule PA-T-1					13
14	Secondary	202,525	1.0457	211,781	1.01%	14
15	Primary	29,988	1.0108	30,312	0.15%	15
16	Transmission	-	1.0000	-	0.00%	16
17	Total Agricultural - Schedule PA-T-1	232,513		242,092	1.16%	17
18						18
19	Street Lighting Customers	91,891	1.0457	96,091	0.46%	19
20	Standby Customers	-				20
21						21
22	Total	20,061,754		20,877,385	100.00%	22

**Notes:**

<sup>1</sup> Forecasted systems delivery determinants. Excludes city of Escondido

**San Diego Gas & Electric  
FERG Forecasted Period: January 2015 - December 2015**

SDG&E: System Delivery Determinants		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
<b>Line No.</b>	<b>Customer Class Deliveries (MWh)</b>													
1	Residential	729,926	638,937	611,731	559,979	553,684	581,798	667,872	684,171	758,524	633,907	595,886	678,987	7,695,401
2	Small Commercial	160,920	154,282	152,343	147,795	151,066	158,444	173,277	171,880	185,635	165,367	155,471	157,136	1,933,615
3	Med. & Large Comm./Ind. (AD)	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115
4	Med. & Large Comm./Ind. (Excluding AD/A6-TOU)	741,628	725,591	718,633	716,756	741,382	776,715	833,549	818,079	883,913	798,693	762,428	737,323	9,254,692
5	Med. & Large Comm./Ind. (A6-TOU)	63,255	54,600	50,824	57,408	61,599	57,864	64,790	61,711	67,751	60,046	67,026	64,732	731,606
6	Agriculture (PA and TOU-PA)	4,566	4,620	4,663	5,616	6,806	8,287	9,272	9,135	9,743	8,135	6,706	5,392	82,920
7	Agriculture (PA-T-1)	14,372	14,290	14,260	16,240	19,621	22,703	25,128	24,147	25,364	21,785	18,738	15,865	232,513
8	Lighting	7,990	7,592	7,588	7,404	7,444	7,722	7,828	7,445	7,828	7,512	7,628	7,909	91,891
9	Sale for Resale	3	3	3	3	3	3	3	3	3	3	3	3	37
10	<b>Total System</b>	<b>1,725,846</b>	<b>1,603,071</b>	<b>1,563,226</b>	<b>1,514,253</b>	<b>1,544,754</b>	<b>1,616,793</b>	<b>1,785,145</b>	<b>1,780,029</b>	<b>1,942,544</b>	<b>1,698,799</b>	<b>1,616,986</b>	<b>1,670,345</b>	<b>20,061,791</b>
11														
12	<b>Med. &amp; Large Comm./Ind.</b>													
13	<b>Rate Schedule Billing Determinants</b>													
14														
15	<b>Schedule AD:</b>													
16	<b>Total Deliveries (MWh)</b>	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115
17														
18	<b>Total Deliveries (%)</b>													
19	% @ Secondary Service	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
20	% @ 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%
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	<b>Total Deliveries (MWh)</b>													
24	MWh @ Secondary Service	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115
25	MWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
26	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
27		3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115
28	<b>Non-Coincident Demand (%)</b>													
29	% @ Secondary Service	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%
30	% @ 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%
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	<b>Non-Coincident Demand (MW)</b>													
34	MW @ Secondary Service	13.602	13.476	13.581	13.035	13.446	13.992	14.625	14.772	16.154	14.305	13.237	12.798	167.023
35	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
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		13.602	13.476	13.581	13.035	13.446	13.992	14.625	14.772	16.154	14.305	13.237	12.798	167.023
38														
39														
40														

**San Diego Gas & Electric  
HERG Forecasted Period: January 2015 - December 2015**

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
41 Schedules AL-TOU / AY-TOU / DG-R / OL-TOU:													
42 Total Deliveries (MWh)	741,628	725,591	718,633	716,756	741,382	776,715	833,549	818,079	883,913	798,693	762,428	737,323	9,254,692
43													
44 Total Deliveries (%)													
45 % @ Secondary Service	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%
46 % @ Primary Service	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%
47 % @ Transmission Service	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%
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 MWh @ Secondary Service	589,446	576,700	571,170	569,678	589,251	617,333	662,505	650,209	702,534	634,801	605,378	586,025	7,355,629
51 MWh @ Primary Service	140,835	137,790	136,468	136,112	140,789	147,498	158,291	155,353	167,855	151,672	144,785	140,018	1,757,466
52 MWh @ Transmission Service	11,347	11,102	10,995	10,966	11,343	11,884	12,753	12,517	13,524	12,220	11,665	11,281	141,597
53	741,628	725,591	718,633	716,756	741,382	776,715	833,549	818,079	883,913	798,693	762,428	737,323	9,254,692
54 Non-Coincident Demand (%)													
55 % @ Secondary Service	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%
56 % @ Primary Service	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%
57 % @ Transmission Service	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%
58													
59 Non-Coincident Demand (MW)													
60 MW @ Secondary Service	1,623,335	1,588,231	1,573,002	1,568,893	1,622,797	1,700,136	1,824,538	1,790,675	1,934,780	1,748,243	1,668,863	1,613,912	20,257,402
61 MW @ Primary Service	313,499	306,720	303,779	302,985	313,395	328,331	352,356	345,816	373,646	337,621	322,292	311,679	3,912,119
62 MW @ Transmission Service	21,775	21,304	21,100	21,044	21,768	22,805	24,474	24,019	25,952	23,450	22,385	21,648	271,724
63	1,958,609	1,916,254	1,897,880	1,892,922	1,957,959	2,051,272	2,201,367	2,160,511	2,334,377	2,109,314	2,013,540	1,947,239	24,441,246
64 On-Peak Demand (%)													
65 % @ Secondary Service	0.2255%	0.2255%	0.2255%	0.2255%	0.2255%	0.2255%	0.2255%	0.2255%	0.2255%	0.2255%	0.2255%	0.2255%	0.2255%
66 % @ Primary Service	0.2068%	0.2068%	0.2068%	0.2068%	0.2068%	0.2068%	0.2068%	0.2068%	0.2068%	0.2068%	0.2068%	0.2068%	0.2068%
67 % @ Transmission Service	0.3132%	0.3132%	0.3132%	0.3132%	0.3092%	0.3092%	0.3092%	0.3092%	0.3092%	0.3092%	0.3132%	0.3132%	0.3111%
68													
69 On-Peak Demand (MW)													
70 MW @ Secondary Service	1,329,201	1,300,457	1,287,988	1,284,623	1,480,198	1,550,741	1,664,212	1,633,325	1,764,766	1,594,621	1,366,480	1,321,485	17,578,098
71 MW @ Primary Service	291,247	284,949	282,217	281,480	319,872	335,116	359,637	352,962	381,367	344,598	299,416	289,557	3,822,417
72 MW @ Transmission Service	35,539	34,770	34,437	34,347	35,073	36,745	39,433	38,701	41,816	37,784	36,535	35,332	440,512
73	1,655,987	1,620,177	1,604,641	1,600,450	1,835,143	1,922,602	2,063,282	2,024,989	2,187,949	1,977,004	1,702,431	1,646,374	21,841,027
74													
75													
76													

San Diego Gas & Electric FERC Forecasted Period: January 2015 - December 2015													
Schedule A6-TOU:	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
77	Schedule A6-TOU:												
78	Total Deliveries (MWh)	63,255	54,600	50,824	57,408	61,599	64,790	61,711	67,751	60,046	67,026	64,732	731,606
79	Total Deliveries (%)												
80	% @ 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%
81	% @ Primary Service	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%
82	% @ Transmission Service	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%
83	% @ Coincident Demand (%)	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	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0
86	MWh @ Primary Service	8,780	7,578	7,054	7,968	8,550	8,993	8,566	9,404	8,334	9,303	8,985	101,547
87	MWh @ Transmission Service	54,475	47,022	43,770	49,439	53,049	55,797	53,146	58,347	51,712	57,723	55,747	630,059
88	% @ 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%
89	% @ Primary Service	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%
90	% @ Transmission Service	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%
91	Total Deliveries (MWh)												
92	MWh @ 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
93	MWh @ Primary Service	18.473	15.945	14.843	16.765	17.989	18.921	18.022	19.786	17.536	19.574	18.904	213.655
94	MWh @ Transmission Service	99.689	86.049	80.099	90.474	97.080	102.109	97.257	106.775	94.632	105.633	102.018	1,153.008
95	% @ 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%
96	% @ Primary Service	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%
97	% @ Transmission Service	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%
98	Total Deliveries (MWh)												
99	MWh @ 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
100	MWh @ Primary Service	11.984	10.345	9.629	10.877	14.424	15.171	14.450	15.864	14.060	12.699	12.264	155.316
101	MWh @ Transmission Service	77.518	66.912	62.285	70.352	78.407	82.468	78.550	86.237	76.430	82.140	79.328	914.277
102	% @ 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%
103	% @ Primary Service	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%
104	% @ Transmission Service	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%
105	Total Deliveries (MWh)												
106	MWh @ 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
107	MWh @ Primary Service	11.984	10.345	9.629	10.877	14.424	15.171	14.450	15.864	14.060	12.699	12.264	155.316
108	MWh @ Transmission Service	77.518	66.912	62.285	70.352	78.407	82.468	78.550	86.237	76.430	82.140	79.328	914.277
109	% @ 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%
110	% @ Primary Service	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%
111	% @ Transmission Service	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%
112	Total Deliveries (MWh)												

**San Diego Gas & Electric  
FERC Forecasted Period: January 2015 - December 2015**

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
<b>Schedule PA-T-1:</b>													
<b>Total Deliveries (MWh)</b>	14,372	14,290	14,260	16,240	19,621	22,703	25,128	24,147	25,364	21,785	18,738	15,865	232,513
<b>Total Deliveries (%)</b>													
% @ Secondary Service	86.51%	86.52%	86.50%	86.88%	87.19%	87.37%	87.46%	87.38%	87.31%	87.26%	87.13%	86.87%	87.10%
% @ Primary Service	13.49%	13.48%	13.50%	13.12%	12.81%	12.63%	12.54%	12.62%	12.69%	12.74%	12.87%	13.13%	12.90%
% @ 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%
<b>Total Deliveries (MWh)</b>													
MWh @ Secondary Service	12,433	12,364	12,334	14,110	17,107	19,835	21,975	21,100	22,146	19,010	16,327	13,782	202,525
MWh @ Primary Service	1,938	1,926	1,925	2,130	2,514	2,868	3,152	3,048	3,218	2,775	2,411	2,082	29,988
MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
14,372	14,290	14,260	16,240	19,621	22,703	25,128	24,147	25,364	21,785	18,738	15,865	232,513	
<b>Non-Coincident Demand (%)</b>													
% @ Secondary Service	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%
% @ Primary Service	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%
% @ 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%
<b>Non-Coincident Demand (MW)</b>													
MW @ Secondary Service	52.481	52.187	52.064	59.559	72.210	83.723	92.759	89.061	93.480	80.243	68.916	58.175	854.859
MW @ Primary Service	9.961	9.898	9.895	10.946	12.919	14.740	16.199	15.663	16.537	14.260	12.390	10.701	154.107
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
62.442	62.085	61.959	70.505	85.129	98.463	108.958	104.724	110.017	110.017	94.503	81.306	68.876	1,008.966
<b>On-Peak Demand (%)</b>													
% @ Secondary Service	0.2114%	0.2114%	0.2114%	0.2114%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.2114%	0.2114%	0.1825%
% @ Primary Service	0.3013%	0.3013%	0.3013%	0.3013%	0.3050%	0.3050%	0.3050%	0.3050%	0.3050%	0.3050%	0.3013%	0.3013%	0.3035%
% @ 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%
<b>On-Peak Demand (MW)</b>													
MW @ Secondary Service	26.284	26.137	26.075	29.829	27.902	32.351	35.842	34.413	36.121	31.006	34.515	29.136	369.611
MW @ Primary Service	5.840	5.803	5.801	6.417	7.667	8.748	9.614	9.296	9.815	8.464	7.264	6.274	91.003
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
32.124	31.940	31.876	36.246	35.569	41.099	45.456	43.709	43.709	45.935	39.469	41.779	35.410	460.614
<b>Schedule S: Standby Determinants:</b>													
<b>Contracted Standby Demand (MW)</b>													
MW @ Secondary Service	9.949	9.949	9.949	9.949	9.949	9.949	9.949	9.949	9.949	9.949	9.949	9.949	119.388
MW @ Primary Service	99.945	99.945	99.945	99.945	99.945	99.945	99.945	99.945	99.945	99.945	99.945	99.945	1,199.340
MW @ Transmission Service	60.563	60.563	60.563	60.563	60.563	60.563	60.563	60.563	60.563	60.563	60.563	60.563	726.756
170.457	170.457	170.457	170.457	170.457	170.457	170.457	170.457	170.457	170.457	170.457	170.457	170.457	2,045.484

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# San Diego Gas & Electric Company

## Statement – BG Revenue Data to Reflect Changed Rates

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

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

Line No.	Customer Classes	(a) 2015 RS Revenue <sup>1</sup> @ Proposed Rates	(b) 2015 RS Revenue @ Present Rates	(c) = (a) - (b) (\$ Change)	(d) = (c)/(b) (% Change)	Reference	Line No.
1	Residential Customers	\$ 1,924	\$ 2,232	\$ (308)	-13.79%	(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)	522	561	(39)	-6.90%	(a) Statement BG, Page 5, Line 3, Col. M / 1000	3
4						(b) (Statement BH, Page 4, Line 3, Col. M) / 1000 - Line 8	4
5	Medium-Large Commercial/Industrial (w/o Schedule PA-T-1)	2,264	2,602	(338)	-12.99%	(a) Statement BG, Page 5, Line 8, Col. M / 1000	5
6						(b) (Statement BH, Page 4, Line 8, Col. M) / 1000 - Line 10	6
7	Agricultural (Schedules PA, TOU-PA and PA-T-1)	13	24	(11)	-44.83%	(a) Statement BG, Page 5, Line 11, Col. M / 1000	7
8	Schedules PA and TOU-PA					(b) Statement BG, Page 12, Line 6 x Statement BH, Page 5, Line 14	8
9	Schedule PA-T-1	32	81	(49)	-60.58%	(a) Statement BG, Page 5, Line 16, Col. M / 1000	9
10						(b) Statement BG, Page 12, Line 7 x Statement BH, Page 5, Line 16 +	10
11						Statement BG, Page 12, Line 159 x Statement BH, Page 7, Line 15	11
12	Street Lighting Customers	19	23	(4)	-16.00%	(a) Statement BG, Page 5, Line 18, Col. M / 1000	12
13						(b) Statement BH, Page 4, Line 10, Col. M / 1000	13
14	Standby Customers	61	41	20	49.99%	(a) Statement BG, Page 5, Line 20, Col. M / 1000	14
15						(b) Statement BH, Page 4, Line 12, Col. M / 1000	15
16						Sum Lines 1 through 15	16
17	Grand Total	\$ 4,836	\$ 5,563	\$ (727)	-13.08%		17

**Notes:**

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

Statement BG

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

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15	
		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	729,926,255		638,937,293		611,731,387		559,978,753		553,683,978		581,798,026	
2													
3	Small Commercial	160,919,538		154,281,962		152,343,247		147,794,650		151,065,555		158,444,108	
4													
5	Medium-Large Commercial/Industrial	808,068,538	2,090,373	783,346,677	2,031,724	772,638,349	2,006,403	777,216,366	2,013,196	806,130,425	2,086,474	837,855,708	2,173,355
6													
7	Agricultural												
8	Schedules PA and TOU-PA	4,566,218		4,620,252		4,662,798		5,616,154		6,805,686		8,267,259	
9	Schedule PA-T-1	14,371,632	62,442	14,289,761	62,085	14,259,910	61,959	16,240,070	70,505	19,621,165	85,129	22,703,171	98,463
10													
11	Street Lighting	7,990,215		7,592,395		7,587,504		7,403,951		7,444,183		7,721,750	
12													
13	Standby Customers		170,457		170,457		170,457		170,457		170,457		170,457
14													
15	TOTAL	1,725,842,395	2,323,272	1,603,068,339	2,264,267	1,563,223,194	2,238,818	1,514,249,945	2,254,158	1,544,750,993	2,342,060	1,616,790,021	2,442,275

Notes:

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



Statement BG

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

Line No.	Customer Classes	(G) Jul-15		(H) Aug-15		(I) Sep-15		(J) Oct-15		(K) Nov-15		(L) Dec-15	
		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	667,871,587		684,170,668		758,523,528		633,906,990		595,885,524		678,987,006	
2													
3	Small Commercial	173,277,451		171,879,511		185,634,865		165,367,008		155,471,057		157,136,404	
4													
5	Medium-Large Commercial/Industrial	901,764,203	2,337,022	883,249,653	2,290,562	955,447,241	2,477,092	862,089,202	2,235,787	832,554,172	2,151,984	805,052,640	2,080,959
6													
7	Agricultural												
8	Schedules PA and TOU-PA	9,272,324		9,134,534		9,742,551		8,134,958		6,705,853		5,391,594	
9	Schedule PA-T-1	25,127,731	108,958	24,147,372	104,724	25,364,321	110,017	21,785,265	94,503	18,737,852	81,306	15,864,677	68,876
10													
11	Street Lighting	7,828,205		7,444,704		7,828,007		7,512,481		7,628,236		7,909,458	
12													
13	Standby Customers		170,457		170,457		170,457		170,457		170,457		170,457
14													
15	TOTAL	1,785,141,501	2,616,437	1,780,026,441	2,565,743	1,942,540,513	2,757,566	1,698,795,904	2,500,747	1,616,982,694	2,403,747	1,670,341,779	2,320,293

Notes:

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

Statement BG

SAN DIEGO GAS AND ELECTRIC COMPANY

Reliability Service Revenue Data to Reflect Changed Rates<sup>1</sup>

Rate Effective Period - Twelve Months Ending December 31, 2015

Line No.	Customer Classes	(M)		Line No.
		12 Months to Date		
		Energy (kWh)	Demand (kW)	
1	Residential Customers	7,695,400,994	-	1
2				2
3	Small Commercial	1,933,615,356	-	3
4				4
5	Medium-Large Commercial/Industrial	10,025,413,173	25,974,932	5
6				6
7	Agricultural			7
8	Schedules PA and TOU-PA	82,920,181		8
9	Schedule PA-T-1	232,512,927	1,008,966	9
10				10
11	Street Lighting	91,891,088	-	11
12				12
13	Standby Customers	-	2,045,484	13
14				14
15	TOTAL	20,061,753,719	29,029,381	15

Notes:

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

Statement BG

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

Line No.	Customer Class	(A) Jan-15	(B) Feb-15	(C) Mar-15	(D) Apr-15	(E) May-15	(F) Jun-15	(G) Jul-15	(H) Aug-15	(I) Sep-15	(J) Oct-15	(K) Nov-15	(L) Dec-15	(M) Total	Line No.
1	Residential Customers	\$ 182,482	\$ 159,734	\$ 152,933	\$ 139,995	\$ 138,421	\$ 145,450	\$ 166,968	\$ 171,043	\$ 189,631	\$ 158,477	\$ 148,971	\$ 169,747	\$ 1,923,850	1
2		43,448	41,656	41,133	39,905	40,788	42,780	46,785	46,407	50,121	44,649	41,977	42,427	522,076	2
3	Small Commercial	40,403	39,167	38,632	38,861	40,307	41,893	45,088	44,162	47,772	43,104	41,628	40,253	501,271	3
4		141,792	137,920	136,250	136,611	141,551	147,543	158,613	155,488	168,133	151,772	145,940	141,125	1,762,740	4
5	Medium-Large Commercial/Industrial	182,195	177,087	174,882	175,472	181,858	189,436	203,701	199,650	215,907	194,876	187,568	181,378	2,264,011	5
6	Energy Revenues														6
7	Demand Revenues														7
8	Total														8
9															9
10	Agricultural	731	739	746	899	1,089	1,323	1,484	1,462	1,559	1,302	1,073	863	13,267	10
11	Schedules PA and TOU-PA														11
12															12
13	Schedule PA-T-1	719	714	713	812	981	1,135	1,256	1,207	1,268	1,089	937	793	11,626	13
14	Energy Revenues														14
15	Demand Revenues														15
16	Total														16
17															17
18	Street Lighting	1,678	1,594	1,593	1,555	1,563	1,622	1,644	1,563	1,644	1,578	1,602	1,661	19,297	18
19															19
20	Standby Revenues														20
21															21
22	TOTAL	\$ 417,614	\$ 387,881	\$ 378,352	\$ 365,159	\$ 371,514	\$ 388,827	\$ 429,130	\$ 428,540	\$ 467,445	\$ 408,974	\$ 388,867	\$ 403,359	\$ 4,835,662	22

Statement BG

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

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		(M) Reference
		Revenues @ Chained Rates Energy (KWh)	Demand (KW)	Revenues @ Chained Rates Energy (KWh)	Demand (KW)	Revenues @ Chained Rates Energy (KWh)	Demand (KW)	Revenues @ Chained Rates Energy (KWh)	Demand (KW)	Revenues @ Chained Rates Energy (KWh)	Demand (KW)	Revenues @ Chained Rates Energy (KWh)	Demand (KW)	
1	Residential Customers	729,976,255	-	638,937,293	-	611,731,387	-	559,978,253	-	553,683,978	-	581,798,026	-	Statement BG, Page 2, Line 1
2	Small Commercial	160,919,538	-	154,281,962	-	152,343,247	-	147,794,650	-	151,065,555	-	158,444,108	-	Statement BG, Page 2, Line 3
3	Medium-Large Commercial/Industrial	808,068,538	2,090,373	783,346,677	2,031,724	772,638,349	2,006,403	777,216,566	2,013,196	806,130,425	2,086,474	837,855,708	2,173,355	Statement BG, Page 2, Line 5
4	Agricultural	4,566,218	-	4,620,452	-	4,662,798	-	5,616,154	-	6,805,686	-	8,267,259	-	Statement BG, Page 2, Line 8
5	Schedules PA and TOU-PA	14,371,632	62,442	14,289,761	62,085	14,259,910	61,959	16,240,070	70,505	19,621,165	85,129	22,709,171	98,463	Statement BG, Page 2, Line 9
6	Schedule PA-T-1	7,590,215	-	7,592,395	-	7,587,504	-	7,403,951	-	7,444,183	-	7,721,790	-	Statement BG, Page 2, Line 11
7	Street Lighting	-	-	-	-	-	-	-	-	-	-	-	-	Statement BG, Page 2, Line 13
8	Standby Customers	-	170,457	-	170,457	-	170,457	-	170,457	-	170,457	-	170,457	Sum Lines 1, 3, 5, 8, 9, 11 & 13
9	TOTAL	1,706,904,545	2,260,850	1,584,158,377	2,202,181	1,544,906,486	2,178,860	1,492,993,728	2,183,653	1,518,224,141	2,256,931	1,635,819,591	2,543,812	

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		(M) Reference
		Revenues @ Chained Rates Energy (KWh)	Demand (KW)	Revenues @ Chained Rates Energy (KWh)	Demand (KW)	Revenues @ Chained Rates Energy (KWh)	Demand (KW)	Revenues @ Chained Rates Energy (KWh)	Demand (KW)	Revenues @ Chained Rates Energy (KWh)	Demand (KW)	Revenues @ Chained Rates Energy (KWh)	Demand (KW)	
16	Residential Customers	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	Statement BL, Page 1, Line 1, Col. A
17	Small Commercial	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	Statement BL, Page 1, Line 3, Col. A
18	Medium-Large Commercial/Industrial	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	Statement BL, Page 1, Line 5, Col. A
19	Agricultural	\$ 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 8, Col. A
20	Schedules PA and TOU-PA	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	Statement BL, Page 1, Line 9, Col. A
21	Schedule PA-T-1	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	Statement BL, Page 1, Line 11, Col. A
22	Street Lighting	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	
23	Standby Customers	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	\$ 0.00000	

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		(M) Reference
		Revenues @ Chained Rates Energy (KWh)	Demand (KW)	Revenues @ Chained Rates Energy (KWh)	Demand (KW)	Revenues @ Chained Rates Energy (KWh)	Demand (KW)	Revenues @ Chained Rates Energy (KWh)	Demand (KW)	Revenues @ Chained Rates Energy (KWh)	Demand (KW)	Revenues @ Chained Rates Energy (KWh)	Demand (KW)	
29	Residential Customers	\$ 182,482	\$ 159,724	\$ 152,933	\$ 152,933	\$ 152,933	\$ 152,933	\$ 139,995	\$ 139,995	\$ 138,421	\$ 138,421	\$ 145,450	\$ 145,450	Line 1 x Line 16
30	Small Commercial	\$ 43,448	\$ 41,656	\$ 41,133	\$ 41,133	\$ 41,133	\$ 41,133	\$ 39,905	\$ 39,905	\$ 40,788	\$ 40,788	\$ 42,780	\$ 42,780	Line 3 x Line 18
31	Medium-Large Commercial/Industrial	\$ 40,403	\$ 141,792	\$ 39,167	\$ 137,920	\$ 38,632	\$ 136,624	\$ 38,861	\$ 136,611	\$ 40,307	\$ 141,551	\$ 41,893	\$ 147,543	Statement BG, Page 8, Lines 4 & 23
32	Agricultural	\$ 731	\$ 730	\$ 746	\$ 746	\$ 746	\$ 746	\$ 899	\$ 899	\$ 1,089	\$ 1,089	\$ 1,323	\$ 1,323	Line 8 x Line 23
33	Schedules PA and TOU-PA	\$ 719	\$ 1,249	\$ 714	\$ 1,242	\$ 713	\$ 1,239	\$ 812	\$ 1,410	\$ 981	\$ 1,702	\$ 1,135	\$ 1,969	Statement BG, Page 9, Lines 4 & 23
34	Schedule PA-T-1	\$ 1,678	\$ 1,594	\$ 1,593	\$ 1,593	\$ 1,593	\$ 1,593	\$ 1,555	\$ 1,555	\$ 1,563	\$ 1,563	\$ 1,622	\$ 1,622	Line 7 x Line 26
35	Street Lighting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
36	Standby Customers	\$ -	\$ 5,113	\$ -	\$ 5,113	\$ -	\$ 5,113	\$ -	\$ 5,113	\$ -	\$ 5,113	\$ -	\$ 5,113	Statement BG, Page 10, Line 28
37	TOTAL	\$ 268,011	\$ 146,905	\$ 242,152	\$ 143,033	\$ 234,291	\$ 141,963	\$ 220,315	\$ 141,724	\$ 221,078	\$ 146,664	\$ 231,244	\$ 152,656	Sum Lines 29, 31, 33, 36, 37, 39 & 41
38	Grand Total	\$ 414,916	\$ 385,185	\$ 375,654	\$ 375,654	\$ 375,654	\$ 375,654	\$ 362,039	\$ 362,039	\$ 367,742	\$ 367,742	\$ 384,400	\$ 384,400	

Statement BG

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

Line No.	Customer Classes	Jul-15 (G)		Aug-15 (H)		Sep-15 (I)		Oct-15 (J)		Nov-15 (K)		Dec-15 (L)		Reference
		Revenue @ Changed Rates Energy (KWh)	Demand (KW)	Revenue @ Changed Rates Energy (KWh)	Demand (KW)	Revenue @ Changed Rates Energy (KWh)	Demand (KW)	Revenue @ Changed Rates Energy (KWh)	Demand (KW)	Revenue @ Changed Rates Energy (KWh)	Demand (KW)	Revenue @ Changed Rates Energy (KWh)	Demand (KW)	
1	Residential Customers	667,871,587	-	684,170,668	-	758,523,228	-	633,906,990	-	595,885,524	-	678,987,006	-	Statement BG, Page 3, Line 1
2	Small Commercial	173,277,451	-	171,879,511	-	185,634,865	-	165,367,008	-	155,471,027	-	157,136,404	-	Statement BG, Page 3, Line 3
3	Medium-Large Commercial/Industrial	901,1764,203	2,337,022	883,249,653	2,290,262	955,447,241	2,477,092	862,089,202	2,232,787	832,554,172	2,151,984	805,025,640	2,080,959	Statement BG, Page 3, Line 5
4	Agricultural	9,272,324	108,998	9,134,534	104,724	9,742,551	110,017	8,134,938	94,503	6,705,853	81,305	5,391,594	68,876	Statement BG, Page 3, Line 8
5	Schedule PA and TOU-PA	25,127,791	-	24,147,372	-	25,364,321	-	21,785,265	-	18,737,852	-	15,864,677	-	Statement BG, Page 3, Line 9
6	Schedule PA-T-1	7,828,205	-	7,444,704	-	7,828,007	-	7,512,481	-	7,628,236	-	7,959,458	-	Statement BG, Page 3, Line 11
7	Street Lighting	-	170,457	-	170,457	-	170,457	-	170,457	-	170,457	-	170,457	-
8	Standby Customers	-	2,507,479	-	2,461,019	-	2,647,549	-	1,668,875,681	-	1,591,538,990	-	1,649,085,508	-
9	TOTAL	1,750,741,446	2,507,479	1,746,744,536	2,461,019	1,907,433,640	2,647,549	1,668,875,681	2,406,244	1,591,538,990	2,322,441	1,649,085,508	2,251,416	Sum Lines 1, 3, 5, 8, 9, 11 & 13

Line No.	Customer Classes	Jul-15 (G)		Aug-15 (H)		Sep-15 (I)		Oct-15 (J)		Nov-15 (K)		Dec-15 (L)		Reference
		Revenue @ Changed Rates Energy (KWh)	Demand (KW)	Revenue @ Changed Rates Energy (KWh)	Demand (KW)	Revenue @ Changed Rates Energy (KWh)	Demand (KW)	Revenue @ Changed Rates Energy (KWh)	Demand (KW)	Revenue @ Changed Rates Energy (KWh)	Demand (KW)	Revenue @ Changed Rates Energy (KWh)	Demand (KW)	
16	Residential Customers	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	Statement BL, Page 1, Line 1, Col. A
17	Small Commercial	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	Statement BL, Page 1, Line 3, Col. A
18	Medium-Large Commercial/Industrial	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	Statement BL, Page 1, Line 5, Col. A
19	Agricultural	\$ 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 8, Col. A
20	Schedule PA and TOU-PA	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	Statement BL, Page 1, Line 9, Col. A
21	Schedule PA-T-1	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	Statement BL, Page 1, Line 11, Col. A
22	Street Lighting	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	Statement BL, Page 1, Line 11, Col. A
23	Standby Customers	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	\$ 0.00021	Statement BL, Page 1, Line 11, Col. A

Line No.	Customer Classes	Jul-15 (G)		Aug-15 (H)		Sep-15 (I)		Oct-15 (J)		Nov-15 (K)		Dec-15 (L)		Reference
		Revenue @ Changed Rates Energy (KWh)	Demand (KW)	Revenue @ Changed Rates Energy (KWh)	Demand (KW)	Revenue @ Changed Rates Energy (KWh)	Demand (KW)	Revenue @ Changed Rates Energy (KWh)	Demand (KW)	Revenue @ Changed Rates Energy (KWh)	Demand (KW)	Revenue @ Changed Rates Energy (KWh)	Demand (KW)	
29	Residential Customers	\$ 166,968	\$ 171,043	\$ 171,043	\$ 171,043	\$ 189,631	\$ 189,631	\$ 158,477	\$ 158,477	\$ 148,971	\$ 148,971	\$ 169,747	\$ 169,747	Line 1 x Line 16
30	Small Commercial	\$ 46,785	\$ 46,407	\$ 46,407	\$ 46,407	\$ 50,121	\$ 50,121	\$ 44,649	\$ 44,649	\$ 41,977	\$ 41,977	\$ 42,427	\$ 42,427	Line 3 x Line 18
31	Medium-Large Commercial/Industrial	\$ 45,088	\$ 158,613	\$ 158,613	\$ 158,613	\$ 47,772	\$ 168,135	\$ 43,104	\$ 151,772	\$ 41,628	\$ 145,940	\$ 40,253	\$ 141,125	Statement BG, Page 8, Lines 4 & 23
32	Agricultural	\$ 1,484	\$ 1,462	\$ 1,462	\$ 1,462	\$ 1,599	\$ 1,599	\$ 1,302	\$ 1,302	\$ 1,073	\$ 1,073	\$ 863	\$ 863	Line 6 x Line 23
33	Schedule PA and TOU-PA	\$ 1,256	\$ 2,179	\$ 2,179	\$ 2,179	\$ 1,268	\$ 2,201	\$ 1,094	\$ 1,890	\$ 937	\$ 1,626	\$ 793	\$ 1,378	Statement BG, Page 9, Lines 4 & 23
34	Schedule PA-T-1	\$ 1,644	\$ 1,563	\$ 1,563	\$ 1,563	\$ 1,644	\$ 1,644	\$ 1,578	\$ 1,578	\$ 1,602	\$ 1,602	\$ 1,661	\$ 1,661	Line 7 x Line 26
35	Street Lighting	\$ -	\$ 5,113	\$ 5,113	\$ 5,113	\$ -	\$ 5,113	\$ -	\$ 5,113	\$ -	\$ 5,113	\$ -	\$ 5,113	Statement BG, Page 10, Line 28
36	Standby Customers	\$ 260,485	\$ 163,726	\$ 163,726	\$ 163,726	\$ 289,169	\$ 179,248	\$ 247,808	\$ 152,885	\$ 234,178	\$ 151,053	\$ 254,087	\$ 146,238	Sum Lines 29, 31, 33, 36, 37, 39 & 41
37	TOTAL	\$ 424,211	\$ 424,211	\$ 424,211	\$ 424,211	\$ 462,417	\$ 462,417	\$ 404,693	\$ 385,231	\$ 385,231	\$ 400,325	\$ 400,325	\$ 400,325	

Statement - BG

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

Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference
1	Energy Revenue														
2	Commodity Sales - kWh	808,068.538	783,346.677	772,638.349	777,216.366	806,130.425	837,855.708	901,764.203	883,249.653	955,447.241	862,089.202	832,554.172	805,052.640	10,025,413.173	Statement BG, Pages 2 & 3, Line 5
3	Commodity Rate - \$/kWh	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	Statement BL, Page 1, Line 5, Col. A
4	Total Commodity Revenues	40,403	39,167	38,632	38,861	40,307	41,893	45,088	44,162	47,772	43,104	41,628	40,253	501,271	Line 2 x Line 3
5	Non-Coincident Demand - (KWh):														
6	Secondary	1,696,937	1,601,706	1,586,583	1,581,928	1,696,243	1,714,128	1,839,163	1,805,448	1,950,934	1,762,547	1,682,100	1,626,710	20,424,426	Statement BG, Page 12, Line 125 x 1000
7	Primary	331,972	322,665	318,621	319,750	331,384	345,229	371,277	363,838	393,431	355,157	341,866	330,583	4,125,774	Statement BG, Page 12, Line 126 x 1000
8	Transmission	121,464	107,353	101,199	111,519	118,847	113,998	126,583	121,276	132,727	118,083	128,018	123,666	1,424,732	Statement BG, Page 12, Line 127 x 1000
9	Total	2,090,373	2,031,724	2,006,403	2,013,196	2,086,474	2,173,355	2,337,022	2,290,562	2,477,092	2,235,787	2,151,984	2,080,959	25,974,932	Sum Lines 7, 8, 9
10	Check Figure	2,090,373	2,031,724	2,006,403	2,013,196	2,086,474	2,173,355	2,337,022	2,290,562	2,477,092	2,235,787	2,151,984	2,080,959	25,974,932	
11	Difference														Line 10 Less Line 11
12															
13															
14	Non-Coincident Demand Rates Per (\$/KWh):														
15	Secondary	\$ 0.07	\$ 0.07	\$ 0.07	\$ 0.07	\$ 0.07	\$ 0.07	\$ 0.07	\$ 0.07	\$ 0.07	\$ 0.07	\$ 0.07	\$ 0.07	\$ 0.07	Statement BL, Page 1, Line 5, Col. D
16	Primary	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	Statement BL, Page 1, Line 5, Col. C
17	Transmission	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	Statement BL, Page 1, Line 5, Col. B
18															
19	Revenues at Changed Rates:														
20	Secondary	\$ 114,586	\$ 112,119	\$ 111,061	\$ 110,735	\$ 114,537	\$ 119,989	\$ 128,741	\$ 126,381	\$ 136,565	\$ 123,378	\$ 117,747	\$ 113,870	\$ 1,429,709	Line 7 x Line 15
21	Primary	19,918	19,360	19,117	19,185	19,883	20,714	22,277	21,830	23,606	21,309	20,512	19,835	247,546	Line 8 x Line 16
22	Transmission	7,288	6,441	6,072	6,691	7,131	6,840	7,595	7,277	7,964	7,085	7,681	7,420	85,485	Line 9 x Line 17
23	Total	\$ 141,792	\$ 137,920	\$ 136,230	\$ 136,611	\$ 141,551	\$ 147,543	\$ 158,613	\$ 155,488	\$ 168,133	\$ 151,772	\$ 145,940	\$ 141,123	\$ 1,762,740	Sum Lines 20, 21, 22
24															
25	Total Revenues at Changed Rates	\$ 182,195	\$ 177,087	\$ 174,882	\$ 175,472	\$ 181,858	\$ 189,436	\$ 203,701	\$ 199,650	\$ 215,907	\$ 194,876	\$ 187,568	\$ 181,378	\$ 2,264,011	Line 4 + Line 23

Statement - BG

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service Revenue Data to Reflect Changed Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2015  
 Schedule PA-T-1 Customers

Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference
1	Energy Revenues														
2	Commodity Sales - kWh	14,371,632	14,289,761	14,259,910	16,240,070	19,621,165	22,703,171	25,127,721	24,147,372	25,364,321	21,785,265	18,737,852	15,864,677	232,512,927	Statement BG, Pages 2 & 3, Line 9
3	Commodity Rate - \$/kWh	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	Statement BL, Page 1, Line 9, Col. A
4	Total Commodity Revenues	719	714	713	812	981	1,135	1,256	1,207	1,268	1,089	937	793	11,626	Line 2 x Line 3
5	Non-Coincident Demand - (KWh)														
6	Secondary	52,481	52,187	52,064	59,559	72,210	83,723	92,759	89,061	93,480	80,243	68,916	58,175	854,859	Statement BG, Page 12, Line 151 x 1000
7	Primary	9,961	9,898	9,895	10,946	12,919	14,740	16,199	15,663	16,337	14,260	12,390	10,701	154,107	Statement BG, Page 12, Line 152 x 1000
8	Transmission														Statement BG, Page 12, Line 153 x 1000
9	Total	62,442	62,085	61,959	70,505	85,129	98,463	108,958	104,724	110,017	94,503	81,306	68,876	1,008,966	Sum Lines 7, 8, 9
10	Check Figure	62,442	62,085	61,959	70,505	85,129	98,463	108,958	104,724	110,017	94,503	81,306	68,876	1,008,966	
11	Difference														Line 10 Less Line 11
12															
13															
14	Non-Coincident Demand Rates Per (SKWh)														
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 9, 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 2, Line 9, 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 2, Line 9, Col. B
18															
19	Revenues at Changed Rates:														
20	Secondary	\$ 1,050	\$ 1,044	\$ 1,041	\$ 1,191	\$ 1,444	\$ 1,674	\$ 1,855	\$ 1,781	\$ 1,870	\$ 1,605	\$ 1,378	\$ 1,164	\$ 17,097	Line 7 x Line 15
21	Primary	199	198	198	219	258	295	324	313	331	285	248	214	3,082	Line 8 x Line 16
22	Transmission														Line 9 x Line 17
23	Total	\$ 1,249	\$ 1,242	\$ 1,239	\$ 1,410	\$ 1,702	\$ 1,969	\$ 2,179	\$ 2,094	\$ 2,201	\$ 1,890	\$ 1,626	\$ 1,378	\$ 20,179	Sum Lines 20, 21, 22
24															
25	Total Revenues at Changed Rates	\$ 1,968	\$ 1,956	\$ 1,952	\$ 2,222	\$ 2,683	\$ 3,104	\$ 3,455	\$ 3,301	\$ 3,469	\$ 2,979	\$ 2,563	\$ 2,171	\$ 31,805	Line 4 + Line 23

Statement - BG

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

Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference	Line No.
1	<u>Demand - Billing Determinants (KW):</u>															
2	Secondary	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	119,388	Statement BG, Page 12, Line 171 x 1000	1
3	Primary	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	1,199,340	Statement BG, Page 12, Line 172 x 1000	2
4	Transmission	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	726,756	Statement BG, Page 12, Line 173 x 1000	3
5	Total	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	2,045,484	Sum Lines 2; 3; 4	4
6	Check Figure	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	2,045,484	Line 5 Less Line 6	5
7	Difference	-	-	-	-	-	-	-	-	-	-	-	-	-		6
8																7
9	<u>Demand Rates Per (\$/KW):</u>															8
10	Secondary	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03		Statement BL, Page 1, Line 13, Col. D	9
11	Primary	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03		Statement BL, Page 1, Line 13, Col. C	10
12	Transmission	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03		Statement BL, Page 1, Line 13, Col. B	11
13																12
14	<u>Revenues at Changed Rates:</u>															13
15	Secondary	\$ 298	\$ 298	\$ 298	\$ 298	\$ 298	\$ 298	\$ 298	\$ 298	\$ 298	\$ 298	\$ 298	\$ 298	3,576	Line 2 x Line 10	14
16	Primary	2,998	2,998	2,998	2,998	2,998	2,998	2,998	2,998	2,998	2,998	2,998	2,998	35,976	Line 3 x Line 11	15
17	Transmission	1,817	1,817	1,817	1,817	1,817	1,817	1,817	1,817	1,817	1,817	1,817	1,817	21,804	Line 4 x Line 12	16
18	Total	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	61,356	Sum Lines 15; 16; 17	17
19																18
20	Total Revenues at Changed Rates	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	\$ 5,113	61,356	Line 18	19





**San Diego Gas & Electric  
ERC Forecast Period January 2015 - December 2015**

SDG&E System Delivery Determinants		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
Line No.	Customer Class Deliveries (MWh)	729,926	638,937	611,731	559,979	553,684	581,798	667,872	684,171	758,524	633,907	595,896	678,987	7,695,401
1	Residential	160,920	154,243	152,343	147,795	151,066	158,444	173,277	171,880	185,635	163,367	155,471	157,136	1,833,615
2	Small Commercial	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	3,997	39,115
3	Med. & Large Comm (incl. AD)	741,628	725,591	718,633	716,756	741,392	776,715	833,549	818,079	883,913	798,693	762,428	737,323	9,254,692
4	Med. & Large Comm (incl. excl. AD/AE-TOU)	63,255	54,600	50,824	57,408	61,599	57,864	64,790	61,711	67,751	60,046	67,026	64,732	731,606
5	Med. & Large Comm (incl. AE-TOU)	4,566	4,620	4,663	5,616	6,006	6,287	9,272	9,135	9,743	8,135	6,706	5,392	82,920
6	Agriculture (PA and TOL-PA)	14,372	14,280	14,280	16,240	19,621	22,703	25,128	24,147	25,364	21,785	18,738	15,865	232,513
7	Agriculture (PA-T-1)	7,980	7,592	7,588	7,404	7,444	7,722	7,828	7,445	7,828	7,512	7,628	7,909	91,891
8	Lighting	3	3	3	3	3	3	3	3	3	3	3	3	37.3
9	State Gov. Retail	1,725,846	1,603,071	1,563,226	1,514,253	1,544,754	1,616,793	1,785,145	1,790,029	1,942,544	1,698,799	1,616,986	1,670,345	20,061,791
10	Total System	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	38,115
11		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%
12		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%
13		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%
14		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%
15		3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	38,115
16		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		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%
18		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%
19		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%
20		3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	38,115
21		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%
22		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%
23		3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	38,115
24		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
26		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
27		3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	38,115
28		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%
29		0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%
30		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%
31		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		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%
33		13,602	13,476	13,581	13,035	13,446	13,992	14,625	14,772	16,154	14,305	13,237	12,798	167,023
34		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
35		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
36		13,602	13,476	13,581	13,035	13,446	13,992	14,625	14,772	16,154	14,305	13,237	12,798	167,023
37		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%
38		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
39		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40		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

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
41	<b>Schedules A-I TOU / AT-TOU / DG-ROL-TOU:</b>												
42	<b>Total Deliveries (MMWh)</b>												
43	74,1628	723,591	718,653	716,756	741,382	776,715	835,548	818,078	883,915	798,689	762,426	757,323	9,234,662
44													
45	<b>Total Deliveries (%)</b>												
46	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%
47	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%
48	1.533%	1.533%	1.533%	1.533%	1.533%	1.533%	1.533%	1.533%	1.533%	1.533%	1.533%	1.533%	1.533%
49	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%
50	<b>Total Deliveries (MMWh)</b>												
51	589,446	578,700	571,170	569,678	589,251	617,333	662,505	650,209	702,584	634,801	605,978	586,025	7,355,629
52	140,835	137,790	136,488	136,112	140,789	147,498	155,353	151,672	167,855	151,672	144,785	140,018	1,757,466
53	11,347	11,102	10,995	10,868	11,343	11,884	12,517	13,524	12,220	11,655	11,281	11,281	141,587
54	741,628	725,591	718,653	716,756	741,382	776,715	835,548	818,078	883,913	798,689	762,428	757,323	9,254,662
55													
56	<b>Non-Coincident Demand (%)</b>												
57	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%
58	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%
59	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%
60	<b>Non-Coincident Demand (MMWh)</b>												
61	1,623	1,588	1,573	1,569	1,623	1,700	1,825	1,791	1,935	1,748	1,669	1,614	20,257,402
62	313	307	304	303	313	328	352	346	374	338	322	312	3,912,119
63	22	21	21	21	22	23	24	24	25	23	22	22	271,724
64	1,958,609	1,916,254	1,897,880	1,892,922	1,957,959	2,051,272	2,201,367	2,160,511	2,334,377	2,109,314	2,013,540	1,947,239	24,441,246
65													
66	<b>On-Peak Demand (%)</b>												
67	0.2255%	0.2255%	0.2255%	0.2255%	0.2255%	0.2512%	0.2512%	0.2512%	0.2512%	0.2512%	0.2255%	0.2255%	0.2390%
68	0.2068%	0.2068%	0.2068%	0.2068%	0.2068%	0.2272%	0.2272%	0.2272%	0.2272%	0.2272%	0.2068%	0.2068%	0.2175%
69	0.3132%	0.3132%	0.3132%	0.3132%	0.3092%	0.3092%	0.3092%	0.3092%	0.3092%	0.3092%	0.3132%	0.3132%	0.3111%
70	<b>On-Peak Demand (MMWh)</b>												
71	1,329,201	1,300,457	1,287,988	1,284,623	1,480,198	1,550,741	1,664,212	1,633,325	1,764,786	1,594,621	1,366,480	1,321,485	17,578,098
72	291,247	284,949	282,217	281,480	319,872	335,116	359,637	352,962	381,367	344,598	299,416	289,557	3,822,417
73	35,539	34,770	34,437	34,347	35,073	36,745	38,701	39,437	41,816	37,784	36,535	35,332	440,512
74	1,655,887	1,620,177	1,604,641	1,600,450	1,835,143	1,922,602	2,063,282	2,024,989	2,187,949	1,977,004	1,702,431	1,646,374	21,841,027
75													
76													

	Schedule A6-T04:												
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
77	63,255	54,500	50,524	57,408	61,599	57,864	64,790	61,771	57,751	60,048	57,028	64,732	731,606
78													
79													
80													
81	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	13.86%	13.86%	13.86%	13.86%	13.86%	13.86%	13.86%	13.86%	13.86%	13.86%	13.86%	13.86%	13.86%
83	85.12%	85.12%	85.12%	85.12%	85.12%	85.12%	85.12%	85.12%	85.12%	85.12%	85.12%	85.12%	85.12%
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													
86	8,780	7,578	7,054	7,968	8,550	8,031	8,993	8,566	9,404	8,334	9,303	8,985	101,547
87	54,473	47,022	43,770	49,433	53,053	49,832	55,797	53,146	58,347	51,712	57,723	55,751	530,058
88	63,255	54,900	50,824	57,408	61,599	57,864	64,790	61,771	57,751	60,048	57,028	64,732	731,606
89													
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	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%
92	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%
93													
94													
95													
96	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	18,473	15,945	14,843	16,765	17,989	16,898	18,921	18,022	19,786	17,536	19,574	18,904	213,655
98	39,689	35,048	30,093	30,474	37,080	31,193	32,103	37,257	39,575	34,632	39,532	40,018	445,008
99	118,162	101,995	94,942	107,239	115,069	108,091	121,030	115,279	126,560	112,168	125,207	120,922	1,366,663
100													
101	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	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%
103	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%
104													
105													
106	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	11,984	10,345	9,629	10,877	14,424	13,549	15,171	14,450	15,864	14,060	12,699	12,284	155,316
108	77,518	66,912	62,285	70,352	78,407	73,652	82,468	78,550	85,237	76,430	82,140	78,328	914,277
109	89,502	77,256	71,914	81,228	92,830	87,201	97,639	93,000	102,101	90,480	94,838	91,593	1,069,594
110													
111													
112													
113													
114													
115													
116													
117													
118													
119													
120	592,892	579,655	574,350	572,730	592,400	620,610	665,930	653,688	708,318	638,151	609,078	599,022	7,394,745
121	149,815	145,968	143,523	144,080	149,338	155,530	167,284	163,919	177,259	160,006	154,088	149,003	1,859,013
122	55,922	58,123	54,285	60,408	64,392	61,718	65,551	65,862	71,871	63,932	59,582	57,028	771,652
123	808,069	783,347	772,638	777,216	806,130	837,856	901,784	883,250	955,447	862,069	832,554	805,053	10,025,413
124													
125	1,636,937	1,601,706	1,591,928	1,591,928	1,636,243	1,714,128	1,838,163	1,805,448	1,950,934	1,782,547	1,682,100	1,626,710	20,424,426
126	331,972	322,665	318,621	319,750	331,384	345,229	371,277	363,858	393,431	355,157	341,868	330,583	4,126,774
127	121,464	107,553	101,138	114,519	118,847	113,989	126,593	121,278	132,727	118,083	128,018	123,668	1,424,732
128	2,090,373	2,051,724	2,006,403	2,013,196	2,086,474	2,173,355	2,337,022	2,290,562	2,477,092	2,235,787	2,151,984	2,060,959	25,974,932
129													
130													
131													

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
132 Schedule P.A-T-1:													
133 Total Deliveries (MMWh)	14,372	14,230	14,260	16,240	19,921	22,703	25,128	24,147	25,364	21,785	18,738	15,065	232,513
134 Total Deliveries (%)													
135 % @ Secondary Service	86.51%	86.52%	86.50%	86.88%	87.19%	87.37%	87.46%	87.38%	87.31%	87.26%	87.13%	86.87%	87.10%
136 % @ Primary Service	13.49%	13.48%	13.50%	13.12%	12.81%	12.63%	12.54%	12.62%	12.69%	12.74%	12.87%	13.13%	12.90%
137 % @ 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%
138 % @ 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%
139													
140 Total Deliveries (MMWh)	12,433	12,364	12,334	14,110	17,107	19,895	21,975	21,100	22,146	19,010	16,327	13,782	202,525
141 MW @ Secondary Service	1,938	1,926	1,925	2,130	2,514	2,868	3,152	3,048	3,218	2,775	2,411	2,082	29,988
142 MW @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
143 MW @ Transmission Service	14,372	14,260	14,260	16,240	19,921	22,703	25,128	24,147	25,364	21,785	18,738	15,065	232,513
144													
145 Non-Coincident Demand (%)													
146 % @ Secondary Service	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%
147 % @ Primary Service	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%
148 % @ 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%
149													
150 Non-Coincident Demand (MMWh)	52,481	52,167	52,064	59,559	72,210	83,723	92,759	89,061	93,480	80,243	68,916	58,175	854,859
151 MW @ Secondary Service	9,861	9,898	9,895	10,946	12,919	14,740	16,199	15,663	16,537	14,260	12,390	10,701	154,107
152 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
153 MW @ Transmission Service	62,442	62,085	61,959	70,505	85,129	98,463	108,958	104,724	110,017	94,503	81,308	68,876	1,008,968
154													
155 On-Peak Demand (%)													
156 % @ Secondary Service	0.2114%	0.2114%	0.2114%	0.2114%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.2114%	0.2114%	0.1825%
157 % @ Primary Service	0.3013%	0.3013%	0.3013%	0.3013%	0.3050%	0.3050%	0.3050%	0.3050%	0.3050%	0.3050%	0.3013%	0.3013%	0.3035%
158 % @ 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%
159													
160 On-Peak Demand (MMWh)	26,284	26,137	26,075	29,829	27,902	32,351	35,842	34,413	36,121	31,006	34,515	29,136	369,611
161 MW @ Secondary Service	5,840	5,803	5,801	6,417	7,667	8,748	9,614	9,296	9,815	8,464	7,264	6,274	91,003
162 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
163 MW @ Transmission Service	32,124	31,940	31,876	36,248	35,569	41,099	45,458	43,709	45,935	39,469	41,779	35,410	480,614
164													
165													
166													
167													
168													
169													
170 Schedule S: Standby Determinants:													
171 Contracted Standby Demand (MMWh)	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	119,388
172 MW @ Secondary Service	99,845	99,845	99,845	99,845	99,845	99,845	99,845	99,845	99,845	99,845	99,845	99,845	1,198,340
173 MW @ Primary Service	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	726,756
174 MW @ Transmission Service	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	2,045,464

# San Diego Gas & Electric Company

## Statement – BH Revenue Data to Reflect Present Rates

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

Statement BH

SAN DIEGO GAS AND ELECTRIC COMPANY

Reliability Service (RS) Revenue Data to Reflect Changed Rates <sup>1</sup>  
 Rate Effective Period - Twelve Months Ending December 31, 2015

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15	
		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	729,926,255		638,937,293		611,731,387		559,978,753		553,683,978		581,798,026	
2													
3	Small Commercial <sup>2</sup>	165,485,756		158,902,214		157,006,045		153,410,805		157,871,242		166,711,366	
4													
5	Medium-Large Commercial/Industrial	822,440,169	2,152,815	797,636,438	2,093,810	786,898,259	2,068,361	793,456,436	2,083,701	825,751,591	2,171,603	860,558,879	2,271,818
6													
7	Street Lighting	7,990,215		7,592,395		7,587,504		7,403,951		7,444,183		7,721,750	
8													
9	Standby Customers		170,457		170,457		170,457		170,457		170,457		170,457
10													
11	TOTAL	1,725,842,395	2,323,272	1,603,068,339	2,264,267	1,563,223,194	2,238,818	1,514,249,945	2,254,158	1,544,750,993	2,342,060	1,616,790,021	2,442,275

Notes:

- <sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2015.
- <sup>2</sup> Consistent with current FERC rate design, the Small Commercial customer class includes Schedules PA and TOU-PA.
- <sup>3</sup> Consistent with current FERC rate design, the Medium-Large Commercial customer class includes Schedule PA-T-1.

Statement BH

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

Line No.	Customer Classes	(G) Jul-15		(H) Aug-15		(I) Sep-15		(J) Oct-15		(K) Nov-15		(L) Dec-15	
		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	667,871,587		684,170,668		758,523,528		633,906,990		595,885,524		678,987,006	
2													
3	Small Commercial <sup>2</sup>	182,549,775		181,014,045		195,377,416		173,501,966		162,176,910		162,527,998	
4													
5	Medium-Large Commercial/Industrial	926,891,934	2,445,980	907,397,024	2,395,286	980,811,562	2,587,109	883,874,468	2,330,290	851,292,024	2,233,290	820,917,317	2,149,836
6													
7	Street Lighting	7,828,205		7,444,704		7,828,007		7,512,481		7,628,236		7,909,458	
8													
9	Standby Customers		170,457		170,457		170,457		170,457		170,457		170,457
10													
11	TOTAL	1,785,141,501	2,616,437	1,780,026,441	2,565,743	1,942,540,513	2,757,566	1,698,795,904	2,500,747	1,616,982,694	2,403,747	1,670,341,779	2,320,293

Notes:

- <sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2015.
- <sup>2</sup> Consistent with current FERC rate design, the Small Commercial customer class includes Schedules PA and TOU-PA.
- <sup>3</sup> Consistent with current FERC rate design, the Medium-Large Commercial customer class includes Schedule PA-T-1.



Statement BH

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

Line No.	Customer Classes	(M)		Line No.
		12 Months to Date		
		Energy (kWh)	Demand (kW)	
1	Residential Customers	7,695,400,994	-	1
2				2
3	Small Commercial <sup>2</sup>	2,016,535,537	-	3
4				4
5	Medium-Large Commercial/Industrial <sup>3</sup>	10,257,926,101	26,983,897	5
6				6
7	Street Lighting	91,891,088	-	7
8				8
9	Standby Customers	-	2,045,484	9
10				10
11	TOTAL	20,061,753,719	29,029,381	11

Notes:

- <sup>1</sup> Forecasted systems delivery determinants provided for 12 months ending December 31, 2015.
- <sup>2</sup> Consistent with current FERC rate design, the Small Commercial customer class includes Schedules PA and TOU-PA.
- <sup>3</sup> Consistent with current FERC rate design, the Medium-Large Commercial customer class includes Schedule PA-T-1.

Statement BH

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

Line No.	Customer Class	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
1	Residential Customers	\$ 211,679	\$ 185,292	\$ 177,402	\$ 162,394	\$ 160,568	\$ 168,721	\$ 193,683	\$ 198,409	\$ 219,972	\$ 183,833	\$ 172,807	\$ 196,906	\$ 2,231,666
2														
3	Small Commercial	47,991	46,082	45,532	44,489	45,783	48,346	52,939	52,494	56,659	50,316	47,031	47,133	584,795
4														
5	Medium-Large Commercial/Industrial													
6	Energy Revenues	106,917	103,693	102,297	103,149	107,348	111,873	120,496	117,962	127,506	114,904	110,668	106,719	1,333,530
7	Demand Revenues	107,641	104,691	103,418	104,185	108,580	113,591	122,299	119,764	129,355	116,514	111,665	107,491	1,349,194
8	Total	214,558	208,384	205,715	207,334	215,928	225,464	242,795	237,726	256,861	231,418	222,333	214,210	2,682,724
9														
10	Street Lighting	1,998	1,898	1,897	1,851	1,861	1,930	1,957	1,861	1,957	1,878	1,907	1,977	22,973
11														
12	Standby Revenues	3,409	3,409	3,409	3,409	3,409	3,409	3,409	3,409	3,409	3,409	3,409	3,409	40,908
13														
14	TOTAL	\$ 479,634	\$ 445,064	\$ 433,955	\$ 419,477	\$ 427,549	\$ 447,871	\$ 494,783	\$ 493,899	\$ 538,858	\$ 470,853	\$ 447,487	\$ 463,636	\$ 5,563,067

Statement BH

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

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		(M) Reference	Line No.
		Revenues @ Present Rates Energy (R/WB)	Demand (R/W)	Revenues @ Present Rates Energy (R/WB)	Demand (R/W)	Revenues @ Present Rates Energy (R/WB)	Demand (R/W)	Revenues @ Present Rates Energy (R/WB)	Demand (R/W)	Revenues @ Present Rates Energy (R/WB)	Demand (R/W)	Revenues @ Present Rates Energy (R/WB)	Demand (R/W)		
1	Residential Customers	729,926,255	-	638,997,293	-	611,731,387	-	559,978,753	-	553,683,978	-	581,798,026	-	Statement BH, Page 1, Line 1	1
2	Small Commercial	165,482,756	-	158,902,214	-	157,006,045	-	153,410,805	-	157,871,242	-	166,711,366	-	Statement BH, Page 1, Line 3	2
3	Medium-Large Commercial/Industrial	822,440,169	2,152,815	797,636,638	2,093,810	786,898,259	2,068,361	793,456,436	2,083,701	825,751,591	2,171,603	860,558,879	2,271,818	Statement BH, Page 1, Line 5	3
4	Street Lighting	7,990,215	-	7,592,395	-	7,587,504	-	7,403,951	-	7,444,183	-	7,721,750	-	Statement BH, Page 1, Line 7	4
5	Standby Customers	-	170,457	-	170,457	-	170,457	-	170,457	-	170,457	-	170,457	Statement BH, Page 1, Line 9	5
6	TOTAL	1,725,842,395	2,323,272	1,603,068,339	2,264,267	1,563,223,194	2,238,818	1,514,249,945	2,254,158	1,544,750,993	2,342,060	1,616,790,021	2,442,275	Sum Lines 1, 3, 5, 7 & 9	6

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		(M) Reference	Line No.
		Present Transmission Rates Energy (R/WB)	Demand (R/W)	Present Transmission Rates Energy (R/WB)	Demand (R/W)	Present Transmission Rates Energy (R/WB)	Demand (R/W)	Present Transmission Rates Energy (R/WB)	Demand (R/W)	Present Transmission Rates Energy (R/WB)	Demand (R/W)	Present Transmission Rates Energy (R/WB)	Demand (R/W)		
12	Residential Customers	\$ 0.00029		\$ 0.00029		\$ 0.00029		\$ 0.00029		\$ 0.00029		\$ 0.00029		2014 RS Statement BG, Page 6, Line 12	12
13	Small Commercial	\$ 0.00029		\$ 0.00029		\$ 0.00029		\$ 0.00029		\$ 0.00029		\$ 0.00029		2014 RS Statement BG, Page 6, Line 14	13
14	Medium-Large Commercial/Industrial	\$ 0.00013		\$ 0.00013		\$ 0.00013		\$ 0.00013		\$ 0.00013		\$ 0.00013		2014 RS Statement BG, Page 6, Line 16	14
15	Street Lighting	\$ 0.00025		\$ 0.00025		\$ 0.00025		\$ 0.00025		\$ 0.00025		\$ 0.00025		2014 RS Statement BG, Page 6, Line 18	15
16	Standby Customers													2014 RS Statement BG, Page 6, Line 20	16

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		(M) Reference	Line No.
		Revenues @ Present Rates Energy (R/WB)	Demand (R/W)	Revenues @ Present Rates Energy (R/WB)	Demand (R/W)	Revenues @ Present Rates Energy (R/WB)	Demand (R/W)	Revenues @ Present Rates Energy (R/WB)	Demand (R/W)	Revenues @ Present Rates Energy (R/WB)	Demand (R/W)	Revenues @ Present Rates Energy (R/WB)	Demand (R/W)		
21	Residential Customers	\$ 211,679		\$ 185,292		\$ 177,402		\$ 162,394		\$ 160,568		\$ 168,721		Line 1 x Line 12	21
22	Small Commercial	\$ 47,991		\$ 46,082		\$ 45,532		\$ 44,489		\$ 45,783		\$ 48,346		Line 3 x Line 14	22
23	Medium-Large Commercial/Industrial	\$ 106,917	107,641	\$ 103,693	104,691	\$ 102,297	103,418	\$ 103,149	104,185	\$ 107,348	108,580	\$ 111,873	113,591	Statement BH, Page 7, Lines 4 & 23	23
24	Street Lighting	\$ 1,998		\$ 1,898		\$ 1,897		\$ 1,851		\$ 1,861		\$ 1,930		Line 7 x Line 18	24
25	Standby Customers	\$ 3,409		\$ 3,409		\$ 3,409		\$ 3,409		\$ 3,409		\$ 3,409		Statement BH, Page 8, Line 20	25
26	TOTAL	\$ 368,584	111,050	\$ 356,564	108,100	\$ 327,128	106,827	\$ 311,883	107,594	\$ 315,560	111,989	\$ 330,871	117,000		26
27	Grand Total	\$ 479,634		\$ 445,064		\$ 433,955		\$ 419,477		\$ 427,549		\$ 447,871			27

Statement BH

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

Line No.	Customer Classes	(G) Jul-15		(H) Aug-15		(I) Sep-15		(J) Oct-15		(K) Nov-15		(L) Dec-15		Reference	Line No.	
		Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)					
1	Residential Customers	667,871,587	-	684,170,668	-	758,223,528	-	633,006,990	-	595,885,524	-	678,987,006	-	Statement BH, Page 2, Line 1	1	
2	Small Commercial	182,549,775	-	181,014,045	-	195,377,416	-	173,501,966	-	162,176,910	-	162,527,998	-	Statement BH, Page 2, Line 3	2	
3	Medium-Large Commercial/Industrial	926,891,934	2,445,980	907,397,024	2,395,286	980,811,562	2,587,109	883,874,468	2,330,290	851,292,024	2,233,290	820,917,317	2,149,836	Statement BH, Page 2, Line 5	3	
4	Street Lighting	7,828,205	-	7,444,704	-	7,828,007	-	7,512,481	-	7,628,236	-	7,909,458	-	Statement BH, Page 2, Line 7	4	
5	Standby Customers	-	170,457	-	170,457	-	170,457	-	170,457	-	170,457	-	170,457	-	Statement BH, Page 2, Line 9	5
6	TOTAL	1,785,141,501	2,616,437	1,780,026,441	2,565,743	1,942,540,513	2,757,566	1,698,795,904	2,500,747	1,616,982,694	2,403,747	1,670,341,779	2,320,293	Sum Lines 1, 3, 5, 7 & 9	6	

Line No.	Customer Classes	(G) Jul-15		(H) Aug-15		(I) Sep-15		(J) Oct-15		(K) Nov-15		(L) Dec-15		Reference	Line No.
		Present Transmission Rates Energy (R/Wb) Demand (R/W)	Present Transmission Rates Energy (R/Wb) Demand (R/W)	Present Transmission Rates Energy (R/Wb) Demand (R/W)	Present Transmission Rates Energy (R/Wb) Demand (R/W)	Present Transmission Rates Energy (R/Wb) Demand (R/W)	Present Transmission Rates Energy (R/Wb) Demand (R/W)	Present Transmission Rates Energy (R/Wb) Demand (R/W)	Present Transmission Rates Energy (R/Wb) Demand (R/W)	Present Transmission Rates Energy (R/Wb) Demand (R/W)	Present Transmission Rates Energy (R/Wb) Demand (R/W)				
12	Residential Customers	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	2014 RS Statement BG, Page 7, Line 12	12
13	Small Commercial	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	2014 RS Statement BG, Page 7, Line 14	13
14	Medium-Large Commercial/Industrial	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	2014 RS Statement BG, Page 7, Line 16	14
15	Street Lighting	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	2014 RS Statement BG, Page 7, Line 18	15
16	Standby Customers	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	2014 RS Statement BG, Page 7, Line 18	16
17	TOTAL	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	\$ 0.00025	2014 RS Statement BG, Page 7, Line 18	17
18	Grand Total	\$ 494,783	\$ 493,899	\$ 538,858	\$ 470,853	\$ 447,487	\$ 463,636	\$ 463,636	\$ 463,636	\$ 463,636	\$ 463,636	\$ 463,636	\$ 463,636	2014 RS Statement BG, Page 7, Line 18	18

Line No.	Customer Classes	(G) Jul-15		(H) Aug-15		(I) Sep-15		(J) Oct-15		(K) Nov-15		(L) Dec-15		Reference	Line No.
		Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)	Revenues @ Present Rates Energy (R/Wb) Demand (R/W)				
21	Residential Customers	\$ 193,683	\$ 198,409	\$ 183,833	\$ 172,807	\$ 172,807	\$ 172,807	\$ 183,833	\$ 172,807	\$ 172,807	\$ 172,807	\$ 196,906	\$ 196,906	Line 1 x Line 12	21
22	Small Commercial	\$ 52,939	\$ 52,494	\$ 50,316	\$ 47,031	\$ 47,031	\$ 47,031	\$ 50,316	\$ 47,031	\$ 47,031	\$ 47,031	\$ 47,133	\$ 47,133	Line 3 x Line 14	22
23	Medium-Large Commercial/Industrial	\$ 120,496	\$ 117,962	\$ 119,764	\$ 129,355	\$ 127,506	\$ 116,514	\$ 114,904	\$ 116,514	\$ 110,668	\$ 111,665	\$ 106,719	\$ 107,491	Statement BH, Page 7, Lines 4 & 23	23
24	Street Lighting	\$ 1,957	\$ 1,861	\$ 1,878	\$ 1,957	\$ 1,957	\$ 1,907	\$ 1,878	\$ 1,907	\$ 1,907	\$ 1,907	\$ 1,977	\$ 1,977	Line 7 x Line 18	24
25	Standby Customers	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	Statement BH, Page 8, Line 20	25
26	TOTAL	\$ 369,075	\$ 372,708	\$ 370,726	\$ 406,094	\$ 406,094	\$ 406,094	\$ 350,930	\$ 350,930	\$ 332,413	\$ 332,413	\$ 352,736	\$ 352,736	Statement BH, Page 8, Line 20	26
27	Grand Total	\$ 494,783	\$ 493,899	\$ 538,858	\$ 470,853	\$ 447,487	\$ 463,636	\$ 463,636	\$ 463,636	\$ 463,636	\$ 463,636	\$ 463,636	\$ 463,636	2014 RS Statement BG, Page 7, Line 18	27

Statement - BH

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service (RS) Revenue Data to Reflect Present Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2015  
 Medium-Large Commercial/Industrial Customers

Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference
1	Energy Revenues														
2	Commodity Sales - kWh	822,440,169	797,636,438	786,898,259	793,456,436	825,751,591	860,558,879	926,891,934	907,397,024	980,811,562	883,874,468	851,292,024	820,917,317	10,257,926,101	Statement BH, Pages 1 & 2, Line 5
3	Commodity Rate - \$/kWh	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	\$ 0.00013	2014 RS Statement BH, Page 1, Line 5, Col. A
4	Total Commodity Revenues	106,917	103,693	102,297	103,149	107,348	111,873	120,496	117,962	127,506	114,904	110,668	106,719	1,333,530	Line 2 x Line 3
5	Non-Coincident Demand - (KW):														
6	Secondary	1,689,418	1,633,894	1,638,647	1,641,486	1,708,453	1,797,851	1,891,922	1,894,509	2,044,414	1,842,790	1,751,016	1,684,885	21,279,284	(Statement BH, Page 10, Lines 125 + 151) x 1000
7	Primary	341,933	332,563	328,516	330,696	344,303	359,969	387,476	379,501	409,968	369,417	354,255	341,285	4,279,881	(Statement BH, Page 10, Lines 126 + 152) x 1000
8	Transmission	121,464	107,353	101,199	111,519	118,847	113,998	126,583	121,276	132,727	118,018	128,018	123,666	1,424,732	(Statement BH, Page 10, Lines 127 + 153) x 1000
9	Total	2,152,815	2,093,810	2,068,361	2,083,701	2,171,603	2,271,818	2,445,980	2,395,286	2,587,109	2,330,290	2,233,290	2,149,836	26,983,897	Sum Lines 7; 8; 9
10	Check Figure	2,152,815	2,093,810	2,068,361	2,083,701	2,171,603	2,271,818	2,445,980	2,395,286	2,587,109	2,330,290	2,233,290	2,149,836	26,983,897	
11	Difference														Line 10 Less Line 11
12															
13	Non-Coincident Demand Rates Per. (\$/KW):														
14	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	2014 RS Statement BL, Page 1, Line 5, Col. D
15	Primary	\$ 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	2014 RS Statement BL, Page 1, Line 5, Col. C
16	Transmission	\$ 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	2014 RS Statement BL, Page 1, Line 5, Col. B
17															
18	Revenues at Present Rates:														
19	Secondary	\$ 84,471	\$ 82,695	\$ 81,932	\$ 82,074	\$ 85,423	\$ 89,893	\$ 96,596	\$ 94,725	\$ 102,221	\$ 92,139	\$ 87,551	\$ 84,244	\$ 1,061,964	Line 7 x Line 15
20	Primary	17,097	16,628	16,426	16,535	17,215	17,998	19,374	18,975	20,498	18,471	17,713	17,064	213,994	Line 8 x Line 16
21	Transmission	6,073	5,368	5,060	5,576	5,942	5,700	6,329	6,064	6,636	5,904	6,401	6,183	71,236	Line 9 x Line 17
22	Total	\$ 107,641	\$ 104,691	\$ 103,418	\$ 104,183	\$ 108,580	\$ 113,591	\$ 122,299	\$ 119,764	\$ 129,355	\$ 116,514	\$ 111,665	\$ 107,491	\$ 1,349,194	Sum Lines 20; 21; 22
23															
24	Total Revenues at Present Rates	\$ 214,558	\$ 208,384	\$ 205,715	\$ 207,334	\$ 215,928	\$ 225,464	\$ 242,795	\$ 237,726	\$ 256,861	\$ 231,418	\$ 222,333	\$ 214,210	\$ 2,682,724	Line 4 + Line 23
25															

Statement - BH

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

Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference	Line No.
1	<b>Demand - Billing Determinants (KVA):</b>															
2	Secondary	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	119,388	Statement BH, Page 10, Line 171 x 1000	1
3	Primary	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	1,199,340	Statement BH, Page 10, Line 172 x 1000	2
4	Transmission	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	726,756	Statement BH, Page 10, Line 173 x 1000	3
5	Total	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	2,045,484	Sum Lines 2; 3; 4	4
6	Check Figure	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	2,045,484	Line 5 Less Line 6	5
7	Difference	-	-	-	-	-	-	-	-	-	-	-	-	-		6
8																7
9	<b>Demand Rates Per (\$/KVA):</b>															
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		2014 RS Statement BL, Page 1, Line 9, Col. D	10
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		2014 RS Statement BL, Page 1, Line 9, Col. C	11
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		2014 RS Statement BL, Page 1, Line 9, Col. B	12
13																13
14	<b>Revenues at Present Rates:</b>															
15	Secondary	\$ 199	\$ 199	\$ 199	\$ 199	\$ 199	\$ 199	\$ 199	\$ 199	\$ 199	\$ 199	\$ 199	\$ 199	2,388	Line 2 x Line 10	14
16	Primary	1,999	1,999	1,999	1,999	1,999	1,999	1,999	1,999	1,999	1,999	1,999	1,999	23,988	Line 3 x Line 11	15
17	Transmission	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	14,532	Line 4 x Line 12	16
18	Total	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	40,908	Sum Lines 15; 16; 17	17
19																18
20	<b>Total Revenues at Present Rates</b>	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	\$ 3,409	40,908		19

Statement - BH

SAN DIEGO GAS AND ELECTRIC COMPANY  
 Reliability Service Revenue Data to Reflect Changed Rates  
 Rate Effective Period - Twelve Months Ending December 31, 2015  
 City of Escondido - Wholesale Customer

Line No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference
1	Energy Revenues														
2	Commodity Sales - kWh	3,249	3,068	3,090	3,014	3,037	3,149	3,197	3,020	3,179	3,033	3,062	3,177	37,274	Statement BH, Page 10, Line 9 x 1000
3	Commodity Rate - \$/kWh	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	\$ 0.00027	2014 RS Statement B1, Page 1, Line 11, Col. A
4	Total Commodity Revenues	1	1	1	1	1	1	1	1	1	1	1	1	10	Line 2 x Line 3

San Diego Gas & Electric FERC Forecast Period: January 2015 - December 2015														
SDG&E System Delivery Determinants														
Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
		Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value
1	Customer Class Deliveries (MMWh)	729,928	638,987	611,731	599,979	583,664	581,798	667,872	664,171	758,524	833,907	595,886	678,987	7,665,401
2	Residential	160,920	154,282	152,343	147,795	151,066	156,444	173,277	171,880	185,635	186,367	155,471	157,136	1,833,615
3	Small Commercial	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115
4	Med. & Large Comm./Ind. (AD)	741,828	725,591	718,633	716,756	741,382	776,715	833,549	818,079	883,913	798,693	762,428	737,323	9,254,892
5	Med. & Large Comm./Ind. (excluding AD/AG-TOU)	69,255	54,600	50,824	57,408	61,599	57,864	64,790	61,711	67,048	60,048	67,028	64,732	731,608
6	Agriculture (PA and TOU-PA)	4,566	4,620	4,653	5,616	6,808	8,287	9,272	9,135	9,743	8,135	6,708	5,392	82,920
7	Agriculture (PA-T-1)	14,372	14,290	14,290	16,240	19,621	22,703	25,128	24,147	25,384	21,785	18,738	15,865	232,513
8	Lighting	7,990	7,592	7,598	7,404	7,444	7,722	7,828	7,445	7,828	7,512	7,628	7,909	91,891
9	Sales for Resale	3	3	3	3	3	3	3	3	3	3	3	3	37
10	Total System	1,725,846	1,603,071	1,553,226	1,514,253	1,544,754	1,616,793	1,785,145	1,780,029	1,942,544	1,698,799	1,616,986	1,670,345	20,061,791
11														
12														
13														
14														
15	Med. & Large Comm./Ind.													
16	Rate Schedule Billing Determinants													
17	Schedule AD:													
18	Total Deliveries (MMWh)	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115
19	Total Deliveries (%)	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%
20	% @ 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%
21	% @ 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%
22	% @ 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%
23	Total Deliveries (MMWh)	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115
24	MMWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
25	MMWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
26	MMWh @ Transmission Service	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115
27	Non-coincident Demand (%)	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%
28	% @ 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%
29	% @ 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%
30	% @ 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%
31	Non-coincident Demand (MMWh)													
32	MMWh @ Secondary Service													
33	MMWh @ Primary Service													
34	MMWh @ Transmission Service													
35	MMWh @ Primary Service	13,602	13,476	13,581	13,035	13,446	13,992	14,625	14,772	16,154	14,305	13,237	12,788	167,023
36	MMWh @ 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
37	MMWh @ 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
38	MMWh @ Transmission Service	13,602	13,476	13,581	13,035	13,446	13,992	14,625	14,772	16,154	14,305	13,237	12,788	167,023
39														
40														



	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
41	Schedules AL-TOLL / AY-TOLL / DG-R:												
42	Total Deliveries (MMWh)												
43	741,628	726,591	718,633	716,756	741,362	776,715	833,549	818,079	863,913	798,663	762,428	737,323	9,254,692
44	Total Deliveries (%)												
45	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%
46	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%
47	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%
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 (MMWh)												
50	589,446	576,700	571,170	569,678	589,251	617,333	662,505	650,209	702,624	634,801	605,978	566,025	7,355,629
51	140,935	137,790	136,468	136,112	140,769	147,488	156,291	155,955	167,855	151,672	144,785	140,018	1,757,465
52	11,357	11,104	10,853	10,868	11,355	11,851	12,753	12,817	13,544	12,421	11,653	11,481	141,337
53	741,628	726,591	718,633	716,756	741,362	776,715	833,549	818,079	863,913	798,663	762,428	737,323	9,254,692
54	Non-Coincident Demand (%)												
55	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%
56	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%
57	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%
58	Non-Coincident Demand (MMWh)												
59	1,623,335	1,568,231	1,573,002	1,566,893	1,622,797	1,700,136	1,824,538	1,790,675	1,964,760	1,748,243	1,668,863	1,615,912	20,257,402
60	313,499	306,720	303,779	302,985	313,395	328,351	352,356	345,816	373,646	337,621	322,692	311,679	3,912,119
61	21,775	21,304	21,100	21,044	21,768	22,805	24,474	24,019	25,952	23,450	22,365	21,648	271,724
62	1,958,609	1,916,254	1,997,880	1,992,922	1,997,989	2,051,272	2,201,367	2,160,511	2,334,377	2,109,314	2,013,540	1,947,239	24,441,246
63	On-Peak Demand (%)												
64	0.2255%	0.2255%	0.2255%	0.2255%	0.2255%	0.2512%	0.2512%	0.2512%	0.2512%	0.2512%	0.2255%	0.2255%	0.2390%
65	0.2068%	0.2068%	0.2068%	0.2068%	0.2068%	0.2272%	0.2272%	0.2272%	0.2272%	0.2272%	0.2068%	0.2068%	0.2175%
66	0.3132%	0.3132%	0.3132%	0.3132%	0.3092%	0.3092%	0.3092%	0.3092%	0.3092%	0.3092%	0.3132%	0.3132%	0.3111%
67	On-Peak Demand (MMWh)												
68	1,329,201	1,300,457	1,297,988	1,284,623	1,480,188	1,550,741	1,664,212	1,633,325	1,764,766	1,594,621	1,366,480	1,321,485	17,578,096
69	291,247	284,949	282,217	281,480	319,872	335,116	359,637	352,862	381,367	344,598	299,416	289,557	3,822,417
70	35,539	34,770	34,437	34,347	35,073	35,745	39,453	38,701	41,815	37,784	36,535	35,332	440,512
71	1,655,987	1,620,177	1,604,641	1,600,450	1,835,143	1,922,602	2,063,262	2,024,989	2,187,949	1,977,004	1,702,431	1,646,374	21,841,027
72	MW @ Secondary Service												
73	MW @ Primary Service												
74	MW @ Transmission Service												
75													
76													

	Schedule A6-TOL:												
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
77	63,255	54,800	50,824	57,408	61,599	57,884	64,780	81,711	87,751	80,046	87,026	84,732	751,806
78	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%
79	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%
80	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%
81	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%
82	0	0	0	0	0	0	0	0	0	0	0	0	0
83	8,760	7,878	7,054	7,988	8,550	8,031	8,993	8,566	9,404	8,334	9,203	8,085	101,547
84	54,472	47,022	43,770	49,420	53,049	49,852	55,787	53,146	58,347	51,712	57,723	55,421	530,052
85	63,255	54,800	50,824	57,408	61,599	57,884	64,780	81,711	87,751	80,046	87,026	84,732	731,566
86	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	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%
88	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%
89	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%
90	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%
91	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%
92	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%
93	18.473	15,945	14,943	16,765	17,989	16,899	18,921	18,022	19,786	17,536	19,574	18,904	213,855
94	99.689	86,048	80,089	90,474	97,080	91,183	102,109	97,287	108,775	94,632	105,633	102,018	1,153,008
95	118.162	101,995	94,342	107,239	115,069	108,091	121,090	115,279	128,560	112,168	125,207	120,922	1,366,869
96	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%
97	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%
98	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%
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	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
101	11.884	10,345	9,629	10,877	14,424	13,549	15,171	14,450	15,864	14,060	12,699	12,264	155,316
102	77.518	59,812	52,285	70,352	78,407	73,652	82,458	78,550	89,237	76,430	82,140	79,328	914,277
103	89.502	77,256	71,914	81,229	92,830	87,201	97,639	93,000	102,101	90,480	94,838	91,593	1,069,594
104	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%
105	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%
106	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%
107	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%
108	11.884	10,345	9,629	10,877	14,424	13,549	15,171	14,450	15,864	14,060	12,699	12,264	155,316
109	77.518	59,812	52,285	70,352	78,407	73,652	82,458	78,550	89,237	76,430	82,140	79,328	914,277
110	89.502	77,256	71,914	81,229	92,830	87,201	97,639	93,000	102,101	90,480	94,838	91,593	1,069,594
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Med. & Large Comm./Ind.													
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
Deliveries (MMWh)	808,069	763,347	772,638	777,216	808,130	837,836	801,764	863,230	955,447	882,089	832,554	805,053	10,025,413
Med & Large Comm./Ind.													
Deliveries (MMWh)	592,632	579,855	574,350	572,730	592,400	620,610	665,930	653,668	706,318	638,151	609,078	589,022	7,394,745
MMWh @ Secondary Service	149,615	145,566	143,523	144,080	149,338	155,530	167,284	163,919	177,259	160,006	154,086	149,003	1,839,013
MMWh @ Primary Service	53,822	58,123	54,735	50,508	54,392	57,116	58,351	55,662	71,811	63,832	63,388	57,028	721,658
MMWh @ Transmission Service	808,069	763,347	772,638	777,216	808,130	837,836	801,764	863,230	955,447	882,089	832,554	805,053	10,025,413
Non-Coincident Demand (MW)	1,686,937	1,601,706	1,586,563	1,581,928	1,638,243	1,714,128	1,839,163	1,905,448	1,950,934	1,762,547	1,682,100	1,628,710	20,424,426
MM @ Secondary Service	331,972	322,695	318,621	319,750	331,384	345,229	371,277	363,898	393,431	355,157	341,866	330,563	4,125,774
MM @ Primary Service	121,464	107,933	101,158	111,519	118,667	118,968	126,583	121,228	132,762	118,083	128,013	123,666	1,424,732
MM @ Transmission Service	2,090,373	2,031,724	2,006,403	2,013,196	2,086,474	2,173,355	2,337,022	2,280,562	2,477,062	2,235,787	2,151,984	2,080,959	25,974,932

	14,372	14,280	14,260	16,240	19,621	22,703	25,128	24,147	25,364	21,785	18,738	15,865	232,513
132 Schedule PA-T-1:													
133 Total Deliveries (MW/M)													
134													
135 Total Deliveries (%)													
136 % @ Secondary Service	86.51%	86.50%	86.50%	86.98%	87.19%	87.37%	87.46%	87.39%	87.31%	87.26%	87.13%	86.87%	87.10%
137 % @ Primary Service	13.49%	13.48%	13.50%	13.12%	12.81%	12.63%	12.54%	12.62%	12.69%	12.74%	12.87%	13.13%	12.90%
138 % @ 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%
139	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%
140 Total Deliveries (MW/M)													
141 MW @ Secondary Service	12,433	12,364	12,334	14,110	17,107	19,835	21,975	21,100	22,148	19,010	16,327	13,782	202,535
142 MW @ Primary Service	1,938	1,926	1,925	2,130	2,514	2,868	3,152	3,048	3,218	2,775	2,411	2,082	29,968
143 MW @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
144	14,372	14,280	14,260	16,240	19,621	22,703	25,128	24,147	25,364	21,785	18,738	15,865	232,513
145 % @ Secondary Service	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%
146 % @ Primary Service	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%
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													
149													
150 Non-Coincident Demand (MW)													
151 MW @ Secondary Service	52,481	52,187	52,064	59,559	72,210	83,723	92,759	89,061	93,480	80,243	68,916	58,175	854,859
152 MW @ Primary Service	9,961	9,898	9,895	10,846	12,819	14,740	16,199	15,663	16,537	14,280	12,380	10,701	154,107
153 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
154	62,442	62,085	61,959	70,505	85,129	98,463	108,958	104,724	110,017	94,523	81,306	68,876	1,008,966
155 % @ Secondary Service	0.2114%	0.2114%	0.2114%	0.2114%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.2114%	0.2114%	0.1825%
156 % @ Primary Service	0.3013%	0.3013%	0.3013%	0.3013%	0.3050%	0.3050%	0.3050%	0.3050%	0.3050%	0.3050%	0.3013%	0.3013%	0.3055%
157	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%
158													
159 On-Peak Demand (MW)													
160 MW @ Secondary Service	26,284	26,137	26,075	29,829	27,902	32,351	35,842	34,413	36,121	31,006	34,515	29,138	369,611
161 MW @ Primary Service	5,840	5,803	5,801	6,417	7,667	8,748	9,814	9,296	9,815	8,464	7,264	6,274	91,003
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	32,124	31,940	31,876	36,246	35,569	41,099	45,456	43,709	45,935	39,469	41,779	35,410	460,614
164													
165													
166													
167													
168													
169													
170													
171 Contracted Standby Demand (MW)													
172 MW @ Secondary Service	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	119,388
173 MW @ Primary Service	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	1,199,340
174	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
175 MW @ Transmission Service	50,563	50,563	50,563	50,563	50,563	50,563	50,563	50,563	50,563	50,563	50,563	50,563	725,756
176	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	2,045,484
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# San Diego Gas & Electric Company

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

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



**Statement BK**  
**San Diego Gas & Electric Company**  
**2015 Reliability Service (RS) Filing**  
**Total RS Cost Forecast & Related Franchise Fees and Uncollectible Expense**  
**Segregated Between Demand and Energy**  
**(\$000)**

Line No		Total RS Costs	Percentages	Reference	Line No
1	<b>TOTAL RS DEMAND COSTS:</b>				1
2	Demand Costs	\$ 3,762		Page 1 of 2 - Lines 1 & 8	2
3	Franchise Fees @ 1.0310%	39		Line 2 x 1.0310%	3
4	Uncollectible Rate @ .174%	7		Line 2 x .174%	4
5	Total Demand Costs	\$ 3,807	78.70%	Sum (Lines 2, 3, 4)	5
6					6
7	<b>TOTAL RS ENERGY COSTS:</b>				7
8	Energy Costs	\$ 1,018		Page 1 of 2 - Lines 3 & 9	8
9	Franchise Fees @ 1.0310%	10		Line 8 x 1.0310%	9
10	Uncollectible Rate @ .174%	2		Line 8 x .174%	10
11	Total Energy Costs	\$ 1,030	21.30%	Sum (Lines 8, 9; 10)	11
12					12
13	<b>TOTAL RS REVENUE REQUIREMENTS</b>	\$ 4,837	100.00%	Sum (Lines 5, 11)	13

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# San Diego Gas & Electric Company

## Statement – BL Rate Design Information

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

Statement BL  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2015 Reliability Service - Rate Design Information  
 Summary of Reliability Service Retail and Wholesale Rates

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	\$ 0.00025				Statement BL, Page 7, Line 15	1
2							2
3	Small Commercial	\$ 0.00027				Statement BL, Page 8, Line 15	3
4							4
5	Medium & Large Commercial/Industrial <sup>1</sup>	\$ 0.00005	\$ 0.06	\$ 0.06	\$ 0.07	Statement BL, Page 9, Lines 9, 34, 35, 36	5
6							6
7	Agricultural (Schedules PA, TOU-PA and PA-T-1)						7
8	Schedules PA and TOU-PA	\$ 0.00016				Statement BL, Page 10, Line 15	8
9	Schedule PA-T-1	\$ 0.00005	\$ 0.02	\$ 0.02	\$ 0.02	Statement BL, Page 11, Lines 9, 34, 35, 36	9
10							10
11	Street Lighting	\$ 0.00021				Statement BL, Page 12, Line 15	11
12							12
13	Standby Rate <sup>2</sup>		\$ 0.03	\$ 0.03	\$ 0.03	Statement BL, Page 13, Lines 22, 23, 24	13
14							14
15	Wholesale	\$ 0.00024				Statement BL, Page 2, Line 7	15

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

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



Statement BL  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
 2015 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	\$ 4,837	Statement BK, Page 1, Line 18	1
2				2
3	Total Billing Determinants (MWH)	20,061,791	Statement BD, Page 1, Line 13, Col. A	3
4				4
5	Rate Per kWh @ Meter Level	\$ 0.00024	Line 1 / Line 3	5
6	Primary Level Adjustment Factor	1.0108	Loss Adjustment Factor	6
7	Rate Per kWh @ Primary Level	\$ 0.00024	Line 5 / Line 6, Rounded to 5 Decimal Places	7
8				8
9	Wholesale Billing Determinants (MWH) @ Meter Level	37	Statement BD, Page 1, Line 13, Col. B	9
10				10
11	Total Wholesale Revenues	\$ 0.01	Line 7 x Line 9	11
12	Total RS Revenue Requirements	\$ 4,837	Line 1	12
13	Less: Wholesale Revenues	\$ 0.01	Line 11	13
14	RS Revenues Applicable to Retail	\$ 4,837	Line 12 - Line 13	14
15				15
16	RS Demand Revenues	\$ 3,807	Statement BK, Page 2, Line 5, Col. A	16
17	RS Energy Revenues	\$ 1,030	Statement BK, Page 2, Line 11, Col. A - Line 11	17
18	Total RS Revenues Applicable to Retail	\$ 4,837	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		40.89%	\$ 1,557	Line 13, Col. A x Line 1, Col. B	1
2						2
3	Small Commercial		11.03%	420	Line 13, Col. A x Line 3, Col. B	3
4						4
5	Medium-Large Commercial/Industrial		45.26%	1,723	Line 13, Col. A x Line 5, Col. B	5
6						6
7	Agricultural (Schedules PA, TOU-PA and PA-T-1)		0.89%	34	Line 13, Col. A x Line 7, Col. B	7
8						8
9	Street Lighting		0.38%	14	Line 13, Col. A x Line 9, Col. B	9
10						10
11	Standby Revenues		1.55%	59	Line 13, Col. A x Line 11, Col. B	11
12						12
13	Grand Total	\$ 3,807	100.00%	\$ 3,807	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		8,047,081	38.54%	397	Line 13, Col. A x Line 1, Col. C	1
2							2
3	Small Commercial		2,021,982	9.69%	100	Line 13, Col. A x Line 3, Col. C	3
4							4
5	Medium-Large Commercial/Industrial		10,383,430	49.74%	512	Line 13, Col. A x Line 5, Col. C	5
6							6
7	Agricultural (Schedules PA, TOU-PA and PA-T-1)		328,802	1.57%	16	Line 13, Col. A x Line 7, Col. C	7
8							8
9	Street Lighting		96,091	0.46%	5	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	\$ 1,030	20,877,385	100.00%	1,030	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	\$ 1,557	\$ 397	\$ 1,954	40.39%	Statement BL, Pages 3 & 4, Line 1	1
2							2
3	Small Commercial	420	100	520	10.75%	Statement BL, Pages 3 & 4, Line 3	3
4							4
5	Medium-Large Commercial/Industrial	1,723	512	2,236	46.21%	Statement BL, Pages 3 & 4, Line 5	5
6							6
7	Agricultural (Schedules PA, TOU-PA and PA-T-1)	34	16	50	1.04%	Statement BL, Pages 3 & 4, Line 7	7
8							8
9	Street Lighting Customers	14	5	19	0.40%	Statement BL, Pages 3 & 4, Line 9	9
10							10
11	Standby Customers	59	-	59	1.22%	Statement BL, Pages 3 & 4, Line 11	11
12							12
13	Grand Total	\$ 3,807	\$ 1,030	\$ 4,837	100.00%	Sum Lines 1 thru 11	13

Statement BL  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 2015 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	\$ 1,954	\$ 1,924	\$ 30	Statement BL, Pages 5, Line 1, Col. C; Statement BL, Page 7, Line 11	1
2						2
3	Small Commercial Customers	\$ 520	522	(2)	Statement BL, Page 5, Line 3, Col. C; Statement BL, Page 8, Line 11	3
4						4
5	Medium-Large Commercial/Industrial Customers	\$ 2,236	2,264	(28)	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)	\$ 50	45	5	Statement BL, Page 5, Line 7, Col. C; Statement BL, Page 10, Line 11 and Page 11, Line 44	7
8						8
9	Street Lighting Customers	\$ 19	19	(0)	Statement BL, Page 5, Line 9, Col. C; Statement BL, Page 12, Line 11	9
10						10
11	Standby Customers	\$ 59	61	(2)	Statement BL, Page 5, Line 11, Col. C; Statement BL, Page 13, Line 30	11
12						12
13	Grand Total	\$ 4,837	\$ 4,836	\$ 2		13

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

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	RS Revenues Allocated to Residential Customers	\$ 1,954	Statement BL, Page 5, Line 1, Col. C	1
2				2
3	Billing Determinants - Residential Customer Class @ MWH:	7,695,401	Statement BD, Page 2, Line 2, Col. A	3
4				4
5	Residential Energy Rate Per kWh	\$ 0.0002539	Line 1 / Line 3	5
6				6
7	Residential Energy Rate Per kWh - Rounded	\$ 0.00025	Line 5 Rounded to 5 Decimal places	7
8				8
9	Total Class Revenues @ Proposed Rates	\$ 1,924	Line 3 x Line 7	9
10				10
11	Total Class Revenues @ Proposed Rates	\$ 1,924	Line 9	11
12				12
13	Difference	\$ 30	Line 1 - Line 11	13
14				14
15	Total Residential Rate	\$ 0.00025	Line 7	15

Notes:

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

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

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	RS Revenues Allocated to Small Commercial Customers	\$ 520	Statement BL, Page 5, Line 3, Col. C	1
2	Billing Determinants - Small Commercial @ MWH:	1,933,615	Statement BD, Page 2, Line 3, Col. A	2
3	Rate Per kWh Calculation	\$ 0.0002689	Line 1 / Line 3	3
4	Rate Per kWh Calculation - Rounded	\$ 0.00027	Line 5 Rounded to 5 Decimal places	4
5	Total Class Revenues @ Proposed Rates	\$ 522	Line 3 x Line 7	5
6	Total Class Revenues @ Proposed Rates	\$ 522	Line 9	6
7	Difference	\$ (2)	Line 1 - Line 11	7
8	Total Small Commercial Rate	\$ 0.00027	Line 7	8
9				9
10				10
11				11
12				12
13				13
14				14
15				15

Notes:

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

Statement BL  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
 2015 Reliability Service - Rate Design Information  
 Medium and Large Commercial Customers'  
 (\$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	\$ 2,236	Statement BL, Page 5, Line 5, Col. C	1
2	Medium & Large Commercial RS Revenues Related to Energy	\$ 512	Statement BL, Page 5, Line 5, Col. B	2
3	Total Energy Sales	10,025,413	Statement BD, Page 2, Line 8, Col. A	3
4	Energy Rate Per Unit @ \$/kWh	\$ 0.0000511	Line 3 / Line 5	4
5	Energy Rate Per Unit @ \$/kWh (Rounded)	\$ 0.00005	Line 7 Rounded to 5 Decimal places	5
6	Total RS Revenues Related to Energy @ Proposed Rates	\$ 501	Line 5 x Line 9	6
7	Medium & Large Commercial RS Revenues Related to Demand	\$ 1,723	Statement BL, Page 5, Line 5, Col. A	7
8	Allocation of Class Demand Revenue Requirements to Voltage Level: 2	\$ 1,365	Line 14 x 79.24%	8
9	RS Revenues @ Secondary Level - 79.24%	287	Line 14 x 15.47%	9
10	RS Revenues @ Primary Level - 15.47%	91	Line 14 x 5.29%	10
11	RS Revenues @ Transmission Level - 5.29%	1,723	Sum Lines 17, 18, & 19	11
12	Total Class Revenues Related to Demand	20,424	Statement BL, Page 16, Line 14	12
13	Demand Determinants By Voltage Level @ Meter (Monthly Meter Demand) - MW	4,126	Statement BL, Page 16, Line 15	13
14	Secondary	1,425	Statement BL, Page 16, Line 16	14
15	Primary	25,975	Sum Lines 23, 24, & 25	15
16	Transmission	\$ 0.06685	Line 17 / Line 23	16
17	Total	\$ 0.06462	Line 18 / Line 24	17
18	Demand Rate By Voltage @ Meter \$/kWh	\$ 0.06394	Line 19 / Line 25	18
19	Secondary	\$ 0.07	Line 29 Rounded to 2 Decimal places	19
20	Primary	\$ 0.06	Line 30 Rounded to 2 Decimal places	20
21	Transmission	\$ 0.06	Line 31 Rounded to 2 Decimal places	21
22	Proof of Revenue Calculations:	\$ 1,430	Line 23 x Line 34	22
23	Secondary	248	Line 24 x Line 35	23
24	Primary	85	Line 25 x Line 36	24
25	Transmission	1,763	Sum Lines 39, 40, & 41	25
26	Total Class Revenues Related to Demand @ Proposed Rates	\$ 2,264	Line 11 + Line 42	26
27	Total Class RS Revenues @ Proposed Rates	\$ 28	Line 44 - Line 1	27
28	Difference			28

Notes:  
 1. Medium-Large commercial customers include the following California Public Utilities Commission (CPUC) tariffs: AD, AY-TOU, AL-TOU, A6-TOU, DG-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 (d). In developing the ratios, the demand determinants were converted to transmission level by applying the following loss factors:  
 a) Secondary = 1.0457; b) Primary = 1.0108; and c) Transmission = 1.0000.



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

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	RS Revenues Allocated to Agricultural Customers	\$ 50	Statement BL, Page 5, Line 7, Col. C	1
2	Billing Determinants - Agricultural @ MWH:	315,433	Statement BD, Page 2, Lines 11 and 17, Col. A	2
3				3
4				4
5	Rate Per kWh Calculation <sup>2</sup>	\$ 0.0001591	Line 1 / Line 3	5
6				6
7	Rate Per kWh Calculation - Rounded	\$ 0.00016	Line 5 Rounded to 5 Decimal places	7
8				8
9	Total Class Revenues @ Proposed Rates	\$ 50	Line 3 x Line 7	9
10				10
11	Total Class Revenues @ Proposed Rates	\$ 50	Line 9	11
12				12
13	Difference	\$ (0)	Line 1 - Line 11	13
14				14
15	Total Agricultural Rate for Schedule PA and TOU-PA	\$ 0.00016	Line 7	15
16				16
17	Schedules PA and TOU-PA Billing Determinants (MWh)	\$ 82,920	Statement BD, Page 2, Lines 11, Col. A	17
18				18
19	Annual Revenues from Schedules PA and TOU-PA Energy Rates	\$ 13	Line 15 x Line 17	19
20				20
21	Revenues Allocated to Schedule PA-T-1	\$ 37	Line 1 - Line 19	21

Notes:

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

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

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Total RS Revenues Allocated to Schedule PA-T-1 Agricultural Customers	\$ 37	Statement BL, Page 10, Line 21	1
2	Schedule PA-T-1 RS Revenues Related to Energy	\$ 12	(Statement BL, Page 5, Line 7, Col. B / Line 7, Col. C) x Line 1	2
3	Total PA-T-1 Energy Sales	232,513	Statement BD, Page 2, Line 17, Col. C	3
4	PA-T-1 Energy Rate Per Unit @ \$/kWh	\$ 0.0000513	Line 3 / Line 5	4
5	PA-T-1 Energy Rate Per Unit @ \$/kWh (Rounded)	\$ 0.00005	Line 7 Rounded to 5 Decimal places	5
6	Total PA-T-1 Revenues Related to Energy @ Proposed Rates	\$ 12	Line 5 x Line 9	6
7	Schedule PA-T-1 RS Revenues Related to Demand	\$ 25	Line 1 - Line 11	7
8	Allocation of PA-T-1 Demand Revenue Requirements to Voltage Levels: <sup>2</sup>	\$ 21	Line 14 x 85.17%	8
9	RS Revenues @ Secondary Level - 85.17%	\$ 4	Line 14 x 14.83%	9
10	RS Revenues @ Primary Level - 14.83%	\$ -	Line 14 x 0.00%	10
11	Total PA-T-1 Revenues Related to Demand	\$ 25	Sum Lines 17; 18; & 19	11
12	Demand Determinants By Voltage Level @ Meter (Monthly Meter Demand): <sup>2</sup>	\$ 855	Statement BL, Page 16, Line 21	12
13	Secondary	\$ 154	Statement BL, Page 16, Line 22	13
14	Primary	\$ -	Statement BL, Page 16, Line 23	14
15	Transmission	\$ 1,009	Sum Lines 23; 24; & 25	15
16	Total PA-T-1 Demand Rate By Voltage @ Meter \$/kW	\$ 0.02490	Line 17 / Line 23	16
17	Secondary	\$ 0.02404	Line 18 / Line 24	17
18	Primary	\$ -	Line 19 / Line 25	18
19	Transmission	\$ 0.02	Line 29 Rounded to 2 Decimal places	19
20	PA-T-1 Demand Rate By Voltage @ Meter (Rounded) \$/kW	\$ 0.02	Line 30 Rounded to 2 Decimal places	20
21	Secondary	\$ 0.02	Line 30 Rounded to 2 Decimal places	21
22	Primary	\$ -	Line 23 x Line 34	22
23	Transmission	\$ 3	Line 24 x Line 35	23
24	Total Schedule PA-T-1 Revenues Related to Demand @ Proposed Rates	\$ 20	Line 25 x Line 36	24
25	Total Schedule PA-T-1 RS Revenues @ Proposed Rates	\$ 32	Sum Lines 39; 40; & 41	25
26	Difference	\$ (5)	Line 11 + Line 42	26
27		\$ (5)	Line 44 - Line 1	27

Notes:  
<sup>1</sup> The RS rates for customers on California Public Utilities Commission (CPUC) agricultural tariff Schedules PA-T-1 reflect non-coincident demand charges and energy rates.  
<sup>2</sup> On lines 17-19, the percentages shown in the reference column are based on ratios developed from the 12-CP Allocation Factors demands shown on Statement BL, page 15, lines 39-41, column (d). In developing the ratios, the demand determinants were converted to transmission level by applying the following loss factors:  
 a) Secondary = 1.0457; b) Primary = 1.0108; and c) Transmission = 1.0000.

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

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	RS Revenues Allocated to Street Lighting Customers	\$ 19	Statement BL, Page 5, Line 9, Col. C	1
2				2
3	Billing Determinants - Street Lighting Customers @kWh:	91,891	Statement BD, Page 2, Line 19, Col. A	3
4				4
5	Rate Per kWh Calculation	\$ 0.0002086	Line 1 / Line 3	5
6				6
7	Rate Per kWh Calculation - Rounded	\$ 0.00021	Line 5 Rounded to 5 Decimal places	7
8				8
9	Proof of Revenues:	\$ 19	Line 3 x Line 7	9
10				10
11	Total Class Revenues @ Proposed Rates	\$ 19	Line 9	11
12				12
13	Difference	\$ (0)	Line 1 - Line 11	13
14				14
15	Total Street Lighting Rate	\$ 0.00021	Line 7	15

Notes:

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

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

Line No.	Customer Classes	Derivation of Standby Surcharge & Proof of Revenues Calculation	Reference	Line No.
1	Derivation of Demand Rate:			1
2	Demand Revenue Requirement	\$ 59	Statement BL, Page 5, Line 11, Col. C	2
3				3
4	<u>Allocation of Revenue Requirements to Voltage Level:</u> <sup>2</sup>			4
5	RS Revenues @ Secondary Level - 6.03%	\$ 4	Line 2 x 6.03%	5
6	RS Revenues @ Primary Level - 58.74%	\$ 35	Line 2 x 58.74%	6
7	RS Revenues @ Transmission Level - 35.23%	\$ 21	Line 2 x 35.23%	7
8	Total Class Revenue Requirement	\$ 59	Sum Lines 5; 6; & 7	8
9				9
10	Demand Determinants By Voltage Level @ Meter (Contract Demand) MW			10
11	Secondary	119	Statement BL, Page 16, Line 28	11
12	Primary	1,199	Statement BL, Page 16, Line 29	12
13	Transmission	727	Statement BL, Page 16, Line 30	13
14	Total	2,045	Sum Lines 11; 12; & 13	14
15				15
16	Demand Rate By Voltage Level @ Meter \$/kW			16
17	Secondary	\$ 0.02974	Line 5 / Line 11	17
18	Primary	\$ 0.02884	Line 6 / Line 12	18
19	Transmission	\$ 0.02855	Line 7 / Line 13	19
20				20
21	Demand Rate By Voltage Level @ Meter (Rounded) \$/kW			21
22	Secondary	\$ 0.03	Line 17 Rounded to 2 Decimal places	22
23	Primary	\$ 0.03	Line 18 Rounded to 2 Decimal places	23
24	Transmission	\$ 0.03	Line 19 Rounded to 2 Decimal places	24
25				25
26	<u>Proof of Revenue Calculations:</u>			26
27	Secondary	\$ 4	Line 11 x Line 22	27
28	Primary	\$ 36	Line 12 x Line 23	28
29	Transmission	\$ 22	Line 13 x Line 24	29
30	Total Class Revenue Requirement @ Proposed Rates	\$ 61	Sum Lines 27; 28; & 29	30
31				31
32	Difference	\$ 2	Line 30 - Line 1	32

Notes:

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

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

a) Secondary = 1.0457; b) Primary = 1.0108; and c) Transmission = 1.0000.

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

Line No		Total RS Costs	Reference	Line No
1	<b>TOTAL RS DEMAND COSTS:</b>			1
2	Demand Costs	\$ 3,762	Statement BK, Page 2, Line 2	2
3	Franchise Fees @ 1.0310%	39	Line 2 x 1.0310%	3
4	Uncollectible Rate @ .174%	7	Line 2 x 0.174%	4
5	Total Demand Costs	\$ 3,807	Sum Lines 2; 3; & 4	5
6				6
7	<b>TOTAL RS ENERGY COSTS:</b>			7
8	Energy Costs	\$ 1,018	Statement BK, Page 2, Line 8	8
9	Franchise Fees @ 1.0310%	10	Line 8 x 1.0310%	9
10	Uncollectible Rate @ .174%	2	Line 8 x 0.174%	10
11	Total Energy Costs	\$ 1,030	Sum Lines 8; 9; & 10	11
12				12
13	Total Energy Sales - MWh @ Retail Meter Level	20,061,754	Statement BL, Page 16, Line 10	13
14	Average Rate Per kWh	\$ 0.00005	Line 11 / Line 13	14
15				15
16	<b>TOTAL RS REVENUE REQUIREMENTS</b>	\$ 4,837	Line 5 + Line 11	16

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

Line No.	Customer Class	(a) 5 Year Average Ending 12/31/2011 Of 12 CPs Kilowatt @ Meter Level	(b) Transmission Loss Factors	(c) = (a) x (b) 5 Year Average Ending 12/31/2011 Kilowatt @ Transmission Level	(d) 12 CP Allocation Factors @ Transmission Level	(e) Demand Determinant Allocation Factors	Line No.
1	<b>10 Year Average - 12 CP Allocation Factors:</b>						
2	Residential Customers	15,728,019	1.0457	16,446,789	40.89%		1
3	Small Commercial Customers	4,244,735	1.0457	4,438,719	11.03%		2
4	Medium-Large Commercial Customers						3
5	Secondary	13,004,290	1.0457	13,598,586	33.81%	74.69%	4
6	Primary	3,241,675	1.0108	3,276,685	8.15%	18.00%	5
7	Transmission	1,330,750	1.0000	1,330,750	3.31%	7.31%	6
8	Total Medium-Large Commercial	17,576,715		18,206,021	45.26%	100.00%	7
9							8
10	Agricultural						9
11	Secondary	310,714	1.0457	324,914	0.81%	90.53%	10
12	Primary	33,606	1.0108	33,969	0.08%	9.47%	11
13	Transmission	-	1.0000	-	0.00%	0.00%	12
14	Total Agricultural	344,320		358,883	0.89%	100.00%	13
15							14
16	Standby Customers (Served Load Information)						15
17	Secondary	38,012	1.0457	39,749	0.10%	6.39%	16
18	Primary	360,436	1.0108	364,329	0.91%	58.56%	17
19	Transmission	218,081	1.0000	218,081	0.54%	35.05%	18
20	Total Standby Customers	616,529		622,159	1.55%	100.00%	19
21							20
22	Street Lighting	145,726	1.0457	152,386	0.38%		21
23							22
24	System Total	38,656,044		40,224,957	100.00%		23
25							24
26							25
27							26
28	<b>Medium-Large Commercial Customers:</b>						27
29	Demand Determinants - (Non-Coincident Demand)				Med & Lrg. C-I Cust. Allocation Factors @ Voltage Level		28
30	Secondary	20,424	1.0457	21,357	79.24%		29
31	Primary	4,126	1.0108	4,171	15.47%		30
32	Transmission	1,425	1.0000	1,425	5.29%		31
33	Total	25,975		26,953	100.00%		32
34							33
35							34
36							35
37	<b>Agricultural - Schedule PA-T-1</b>				Schedule PA-T-1 Cust. Allocation Factors @ Voltage Level		36
38	Secondary						37
39	Primary	855	1.0457	894	85.17%		38
40	Transmission	154	1.0108	156	14.83%		39
41	Total	1,009	1.0000	1,050	100.00%		40
42							41
43							42
44							43
45	<b>Standby Customers Billing Information:</b>				Standby Cust. Allocation Factors @ Voltage Level		44
46	Billing Determinants - (Contracted Standby Demand)						45
47	Secondary	119	1.0457	124	6.03%		46
48	Primary	1,199	1.0108	1,212	58.74%		47
49	Transmission	727	1.0000	727	35.23%		48
50	Total	2,045		2,063	100.00%		49
							50

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

Line No.	<u>January 2015 - December 2015 - Forecasted Sales Information:</u>	(MWH)
1	Residential	7,695,401
2	Small Commercial	1,933,615
3	Med & Lrg Commercial/Industrial	10,025,413
4	Agricultural	315,433
5	Street Lighting	91,891
6	Sale For Resale	37
7		
8	Total Energy Sales (MWH)	20,061,791
9		
10	Total Energy Sales (MWH) - Excluding Resale	20,061,754
11		
12		
13	<u>Med &amp; Lrg Commercial/Industrial Customers - (Non-Coincident Demand):</u>	
14	Secondary	20,424
15	Primary	4,126
16	Transmission	1,425
17		
18	Total Non-Coincident Demand	25,975
19		
20	<u>Agricultural - Schedule PA-T-1 - (Non-Coincident Demand):</u>	
21	Secondary	855
22	Primary	154
23	Transmission	-
24		
25	Total Non-Coincident Demand	1,009
26		
27	<u>Standby - Contract Demand By Voltage Level:</u>	
28	Secondary	119
29	Primary	1,199
30	Transmission	727
31		
32	Total Contract Demand	2,045

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

Line No.	Customer Class	(a) 5 Year Average Ending 12/31/2011 Of 12 CPs Kilowatt @ Meter Level	(b) Transmission Loss Factors	(c) = (a) x (b) 5 Year Average Ending 12/31/2011 Of 12 CPs Kilowatt @ Transmission Level	(d) 12 CP Allocation Factors @ Transmission Level	Line No.
1	10 Year Average - 12 CP Allocation Factors:					
2	Residential Customers	15,728,019	1.0457	16,446,789	40.85%	1
3	Small Commercial Customers	4,244,755	1.0457	4,438,719	11.03%	2
4	Medium-Large Commercial/Industrial Customers					3
5	Secondary	13,004,290	1.0457	13,598,586	33.81%	4
6	Primary	3,241,675	1.0108	3,276,685	8.15%	5
7	Transmission	1,350,750	1.0000	1,350,750	3.31%	6
8	Total Medium-Large Commercial/Industrial	17,576,715		18,206,021	45.26%	7
9						8
10	Agricultural					9
11	Secondary	310,714	1.0457	324,914	0.81%	10
12	Primary	33,606	1.0108	33,969	0.08%	11
13	Transmission	-	1.0000	-	0.00%	12
14	Total Agricultural	344,320		358,883	0.89%	13
15						14
16	Standby Customers (Served Load Information)					15
17	Secondary	38,012	1.0457	39,749	0.10%	16
18	Primary	360,436	1.0108	364,329	0.91%	17
19	Transmission	218,081	1.0000	218,081	0.54%	18
20	Total Standby Customers	616,529		622,159	1.53%	19
21						20
22	Street Lighting	145,726	1.0457	152,386	0.38%	21
23						22
24	System Total	38,656,044		40,224,957	100.00%	23
25						24
26						25
27	Medium-Large Commercial Customers:					26
28	Demand Determinants - (Non-Coincident Demand)					27
29	Secondary	20,424	1.0457	21,357	79.24%	28
30	Primary	4,126	1.0108	4,171	15.47%	29
31	Transmission	1,425	1.0000	1,425	5.29%	30
32	Total	25,975		26,953	100.00%	31
33						32
34	Schedule PA-T-1:					33
35	Demand Determinants - (Non-Coincident Demand)					34
36	Secondary	855	1.0457	894	85.17%	35
37	Primary	154	1.0108	156	14.83%	36
38	Transmission	-	1.0000	-	0.00%	37
39	Total Schedule PA-T-1	1,009		1,050	100.00%	38
40						39
41						40
42	Standby Customers Billings Information:					41
43	Billing Determinants - (Contracted Standby Demand)					42
44	Secondary	119	1.0457	124	6.03%	43
45	Primary	1,199	1.0108	1,212	58.74%	44
46	Transmission	727	1.0000	727	35.23%	45
47	Total	2,045		2,063	100.00%	46
						47



San Diego Gas & Electric FERC Forecasted Period January 2015 - December 2015														
SD&E System Delivery Determinants														
Line No.	Customer Class	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
1	Residential	729,926	638,937	611,731	599,979	593,684	561,796	667,872	684,171	738,524	653,907	595,886	678,987	7,695,401
2	Small Commercial	160,920	154,282	152,343	147,795	151,066	158,444	173,277	171,860	185,635	165,367	155,471	157,136	1,933,615
3	Med. & Large Comm./Ind. (AD)	741,628	725,591	718,633	716,756	741,382	776,715	893,549	818,079	893,913	798,693	762,428	737,323	9,254,692
4	Med. & Large Comm./Ind. (Excluding AD/AG-TOU)	63,255	54,600	50,924	57,408	61,599	57,864	64,790	61,711	67,751	60,046	67,026	64,732	731,606
5	Agriculture (PA and TOU-PA)	4,566	4,620	4,663	5,616	6,806	8,267	9,272	9,135	9,743	8,135	6,706	5,392	82,920
6	Agriculture (PA-T-1)	14,372	14,290	14,260	16,240	19,621	22,703	25,128	24,147	25,364	21,785	18,738	15,885	232,513
7	Lighting	7,990	7,592	7,588	7,404	7,444	7,722	7,828	7,445	7,828	7,512	7,628	7,909	81,891
8	Sale for Resale	3	3	3	3	3	3	3	3	3	3	3	3	3
9	Total System	1,725,846	1,603,071	1,563,226	1,514,253	1,544,754	1,616,793	1,785,145	1,780,029	1,942,544	1,698,799	1,616,986	1,670,345	20,061,791
10														3/13
11														20,061,791
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	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
41 Schedules AL-TOLL/AY-TOLL/DG-ROLL-TOLL													
42 Total Deliveries (MWh)	741,628	725,591	718,633	716,796	741,382	776,715	833,549	818,079	883,913	798,693	762,428	737,323	9,254,692
43 Total Deliveries (%)													
44 % @ Secondary Service	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%
45 % @ Primary Service	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%
46 % @ Transmission Service	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%
47 % @ 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%
48 Total Deliveries (MWh)													
49 MWh @ Secondary Service	589,446	576,700	571,170	589,678	589,251	617,333	662,505	650,209	702,534	634,801	605,978	586,025	7,355,629
50 MWh @ Primary Service	140,835	137,900	136,468	136,112	140,789	147,498	159,291	155,353	167,855	151,672	144,765	140,018	1,757,466
51 MWh @ Transmission Service	11,347	11,392	10,995	11,347	11,343	11,884	12,753	12,517	13,524	12,220	11,665	11,281	141,597
52 MWh @ Transmission Service	741,628	725,591	718,633	716,796	741,382	776,715	833,549	818,079	883,913	798,693	762,428	737,323	9,254,692
53 Non-Coincident Demand (%)													
54 % @ Secondary Service	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%
55 % @ Primary Service	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%
56 % @ Transmission Service	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%
57 % @ Transmission Service													
58 Non-Coincident Demand (MWh)													
59 MWh @ Secondary Service	1,623,335	1,586,231	1,573,002	1,568,893	1,622,787	1,700,136	1,824,538	1,790,675	1,934,780	1,748,243	1,668,663	1,613,912	20,257,402
60 MWh @ Primary Service	313,499	306,720	303,779	302,985	313,395	328,331	352,356	345,816	373,646	337,621	322,292	311,679	3,912,119
61 MWh @ Transmission Service	21,775	21,304	21,100	21,044	21,788	22,805	24,474	24,019	25,952	23,450	22,365	21,648	271,724
62 MWh @ Transmission Service	1,958,609	1,915,254	1,897,880	1,892,922	1,957,959	2,051,272	2,201,367	2,160,511	2,334,377	2,109,314	2,013,540	1,947,239	24,441,246
63 On-Peak Demand (%)													
64 % @ Secondary Service	0.2255%	0.2255%	0.2255%	0.2255%	0.2255%	0.2512%	0.2512%	0.2512%	0.2512%	0.2512%	0.2255%	0.2255%	0.2390%
65 % @ Primary Service	0.2068%	0.2068%	0.2068%	0.2068%	0.2272%	0.2272%	0.2272%	0.2272%	0.2272%	0.2272%	0.2068%	0.2068%	0.2175%
66 % @ Transmission Service	0.3132%	0.3132%	0.3132%	0.3132%	0.3092%	0.3092%	0.3092%	0.3092%	0.3092%	0.3092%	0.3132%	0.3132%	0.3111%
67 % @ Transmission Service													
68 On-Peak Demand (MWh)													
69 MWh @ Secondary Service	1,329,201	1,300,457	1,287,986	1,284,623	1,480,198	1,550,741	1,654,212	1,633,325	1,764,766	1,584,621	1,366,480	1,321,485	17,578,098
70 MWh @ Primary Service	291,247	284,949	282,217	281,480	319,872	335,116	359,637	352,962	381,367	344,598	299,416	289,557	3,922,417
71 MWh @ Transmission Service	35,539	34,770	34,437	34,347	35,073	36,745	39,433	38,701	41,818	37,784	36,533	35,334	440,512
72 MWh @ Transmission Service	1,655,987	1,620,177	1,604,641	1,600,450	1,835,143	1,922,602	2,063,282	2,024,989	2,167,949	1,977,004	1,702,431	1,646,374	21,841,027
73													
74													
75													
76													

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
<b>Schedule A6-TOU:</b>													
<b>Total Deliveries (MWh)</b>	63,255	54,600	50,824	57,406	61,599	57,864	64,790	61,711	57,751	60,046	67,026	64,732	731,606
<b>Total Deliveries (%)</b>	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%
% @ Secondary Service	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%
% @ Primary Service	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%
% @ 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%
<b>Total Deliveries (MW)</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
MW @ Secondary Service	8,780	7,578	7,054	7,988	8,550	8,031	8,993	8,566	9,404	8,334	9,303	8,985	101,547
MW @ Primary Service	54,473	47,022	43,770	49,418	53,049	49,832	55,797	53,146	58,347	51,712	57,723	55,747	530,059
MW @ Transmission Service	63,255	54,600	50,824	57,406	61,599	57,864	64,790	61,711	57,751	60,046	67,026	64,732	731,606
<b>Non-Coincident Demand (%)</b>	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%
% @ Secondary Service	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%
% @ Primary Service	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%
% @ 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%
<b>Non-Coincident Demand (MW)</b>	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	18,473	15,945	14,843	16,785	17,989	16,898	18,921	18,022	19,786	17,536	19,574	18,904	213,655
MW @ Primary Service	99,899	85,049	80,939	90,474	97,080	91,193	102,109	97,257	106,775	94,632	105,633	102,018	1,153,008
MW @ Transmission Service	118,162	101,995	94,942	107,239	115,069	108,091	121,030	115,279	126,560	112,168	125,207	120,922	1,366,663
<b>Coincident Peak Demand (%)</b>	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%
% @ Secondary Service	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%
% @ Primary Service	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%
% @ 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%
<b>Coincident Peak Demand (MW)</b>	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	11,984	10,345	9,629	10,877	14,424	13,549	15,171	14,450	15,864	14,060	12,699	12,264	155,316
MW @ Primary Service	77,518	66,312	62,285	70,352	78,407	73,652	82,468	78,500	86,237	76,430	82,140	79,328	914,277
MW @ Transmission Service	89,502	77,256	71,914	81,229	92,830	87,201	97,639	93,000	102,101	90,490	94,838	91,593	1,059,594
<b>Med. &amp; Large Comm./Ind.</b>													
<b>Total Service Voltage Determinants</b>													
<b>Deliveries (MWh)</b>	608,069	783,347	772,638	777,216	806,130	837,856	901,764	883,250	955,447	862,069	832,554	805,053	10,025,413
<b>Med &amp; Large Comm./Ind.</b>													
<b>Deliveries (MW)</b>													
MW @ Secondary Service	592,632	579,855	574,350	572,730	592,400	620,610	665,930	653,668	706,318	638,151	609,078	589,022	7,394,745
MW @ Primary Service	149,615	145,368	143,523	144,080	149,338	155,530	167,264	163,919	177,259	160,006	154,088	149,003	1,859,013
MW @ Transmission Service	65,822	58,123	54,765	60,406	64,392	61,716	68,551	65,682	71,871	63,932	69,388	67,028	771,656
<b>Non-Coincident Demand (MW)</b>	808,069	783,347	772,638	777,216	806,130	837,856	901,764	883,250	955,447	862,069	832,554	805,053	10,025,413
MW @ Secondary Service	1,636,937	1,601,706	1,586,583	1,581,928	1,636,243	1,714,128	1,839,163	1,805,448	1,950,934	1,762,547	1,692,100	1,628,710	20,424,426
MW @ Primary Service	331,972	322,665	318,821	319,750	331,384	345,229	371,277	363,838	393,431	355,157	341,866	330,583	4,125,774
MW @ Transmission Service	121,464	107,953	101,199	111,519	118,847	113,898	126,583	121,276	132,727	118,093	128,018	123,656	1,424,732
	2,090,373	2,031,724	2,008,403	2,013,196	2,086,474	2,173,365	2,337,022	2,290,562	2,477,092	2,235,787	2,151,964	2,080,959	25,974,932

	Schedules PA-T-1												Total
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
132	14,372	14,290	14,260	16,240	19,621	22,703	25,128	24,147	25,364	21,785	18,738	15,865	232,513
133	86.51%	86.52%	86.50%	86.86%	87.19%	87.37%	87.46%	87.38%	87.31%	87.26%	87.13%	86.87%	87.10%
134	13.49%	13.48%	13.50%	13.12%	12.81%	12.63%	12.54%	12.62%	12.69%	12.74%	12.87%	13.13%	12.90%
135	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
136	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
137	12,433	12,364	12,334	14,110	17,107	19,895	21,975	21,100	22,146	19,010	16,327	13,782	202,525
138	1,938	1,926	1,925	2,130	2,514	2,868	3,152	3,048	3,218	2,775	2,411	2,082	29,988
139	14,372	14,290	14,260	16,240	19,621	22,703	25,128	24,147	25,364	21,785	18,738	15,865	232,513
140	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%
141	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%
142	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%
143	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%
144	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%
145	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
146	52.481	52.187	52.064	59.559	72.210	83.723	92.759	89.061	93.480	80.243	66.916	58.175	854,859
147	9.961	9.898	9.895	10.946	12.919	14.740	16.199	15.663	16.537	14.260	12.390	10.701	154,107
148	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
149	62.442	62.065	61.959	70.505	85.129	98.463	108.958	104.724	110.017	94.503	81.306	68.876	1,006,966
150	0.2114%	0.2114%	0.2114%	0.2114%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.2114%	0.2114%	0.1825%
151	0.3013%	0.3013%	0.3013%	0.3013%	0.3050%	0.3050%	0.3050%	0.3050%	0.3050%	0.3013%	0.3013%	0.3013%	0.3035%
152	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%
153	26.284	26.137	26.075	29.829	27.902	32.351	35.842	34.413	36.121	31.006	34.515	29.136	369,811
154	5.840	5.803	5.801	6.417	7.567	8.748	9.614	9.296	9.815	8.464	7.264	6.274	91,003
155	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
156	32.124	31.940	31.876	36.246	35.569	41.099	45.466	43.709	45.935	39.469	41.779	35.410	460,514
157	0.2114%	0.2114%	0.2114%	0.2114%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.2114%	0.2114%	0.1825%
158	0.3013%	0.3013%	0.3013%	0.3013%	0.3050%	0.3050%	0.3050%	0.3050%	0.3050%	0.3013%	0.3013%	0.3013%	0.3035%
159	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%
160	26.284	26.137	26.075	29.829	27.902	32.351	35.842	34.413	36.121	31.006	34.515	29.136	369,811
161	5.840	5.803	5.801	6.417	7.567	8.748	9.614	9.296	9.815	8.464	7.264	6.274	91,003
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	32.124	31.940	31.876	36.246	35.569	41.099	45.466	43.709	45.935	39.469	41.779	35.410	460,514
164	0.2114%	0.2114%	0.2114%	0.2114%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.2114%	0.2114%	0.1825%
165	0.3013%	0.3013%	0.3013%	0.3013%	0.3050%	0.3050%	0.3050%	0.3050%	0.3050%	0.3013%	0.3013%	0.3013%	0.3035%
166	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%
167	26.284	26.137	26.075	29.829	27.902	32.351	35.842	34.413	36.121	31.006	34.515	29.136	369,811
168	5.840	5.803	5.801	6.417	7.567	8.748	9.614	9.296	9.815	8.464	7.264	6.274	91,003
169	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
170	32.124	31.940	31.876	36.246	35.569	41.099	45.466	43.709	45.935	39.469	41.779	35.410	460,514
171	0.2114%	0.2114%	0.2114%	0.2114%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.2114%	0.2114%	0.1825%
172	0.3013%	0.3013%	0.3013%	0.3013%	0.3050%	0.3050%	0.3050%	0.3050%	0.3050%	0.3013%	0.3013%	0.3013%	0.3035%
173	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%
174	26.284	26.137	26.075	29.829	27.902	32.351	35.842	34.413	36.121	31.006	34.515	29.136	369,811
175	5.840	5.803	5.801	6.417	7.567	8.748	9.614	9.296	9.815	8.464	7.264	6.274	91,003
176	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
177	32.124	31.940	31.876	36.246	35.569	41.099	45.466	43.709	45.935	39.469	41.779	35.410	460,514
178	0.2114%	0.2114%	0.2114%	0.2114%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.2114%	0.2114%	0.1825%
179	0.3013%	0.3013%	0.3013%	0.3013%	0.3050%	0.3050%	0.3050%	0.3050%	0.3050%	0.3013%	0.3013%	0.3013%	0.3035%
180	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%
181	26.284	26.137	26.075	29.829	27.902	32.351	35.842	34.413	36.121	31.006	34.515	29.136	369,811
182	5.840	5.803	5.801	6.417	7.567	8.748	9.614	9.296	9.815	8.464	7.264	6.274	91,003
183	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
184	32.124	31.940	31.876	36.246	35.569	41.099	45.466	43.709	45.935	39.469	41.779	35.410	460,514
185	0.2114%	0.2114%	0.2114%	0.2114%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.2114%	0.2114%	0.1825%
186	0.3013%	0.3013%	0.3013%	0.3013%	0.3050%	0.3050%	0.3050%	0.3050%	0.3050%	0.3013%	0.3013%	0.3013%	0.3035%
187	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%
188	26.284	26.137	26.075	29.829	27.902	32.351	35.842	34.413	36.121	31.006	34.515	29.136	369,811
189	5.840	5.803	5.801	6.417	7.567	8.748	9.614	9.296	9.815	8.464	7.264	6.274	91,003
190	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
191	32.124	31.940	31.876	36.246	35.569	41.099	45.466	43.709	45.935	39.469	41.779	35.410	460,514
192	0.2114%	0.2114%	0.2114%	0.2114%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.2114%	0.2114%	0.1825%
193	0.3013%	0.3013%	0.3013%	0.3013%	0.3050%	0.3050%	0.3050%	0.3050%	0.3050%	0.3013%	0.3013%	0.3013%	0.3035%
194	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%
195	26.284	26.137	26.075	29.829	27.902	32.351	35.842	34.413	36.121	31.006	34.515	29.136	369,811
196	5.840	5.803	5.801	6.417	7.567	8.748	9.614	9.296	9.815	8.464	7.264	6.274	91,003
197	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
198	32.124	31.940	31.876	36.246	35.569	41.099	45.466	43.709	45.935	39.469	41.779	35.410	460,514
199	0.2114%	0.2114%	0.2114%	0.2114%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.1631%	0.2114%	0.2114%	0.1825%
200	0.3013%	0.3013%	0.3013%	0.3013%	0.3050%	0.3050%	0.3050%	0.3050%	0.3050%	0.3013%	0.3013%	0.3013%	0.3035%
201	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%
202	26.284	26.137	26.075	29.829	27.902	32.351	35.842	34.413	36.121	31.006	34.515	29.136	369,811
203	5.840	5.803	5.801	6.417	7.567	8.748	9.614	9.296	9.815	8.464	7.264	6.274	91,003
204	0.000												

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

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

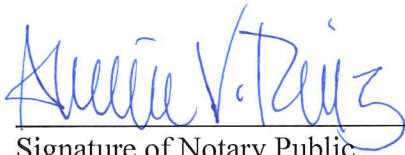
October 23, 2014

  
\_\_\_\_\_  
Lee Schavrien

=====

State of California    )  
County of San Diego )

Subscribed and sworn to (or affirmed) before me on this **23rd day of October, 2014**, by Lee Schavrien, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

  
\_\_\_\_\_  
Signature of Notary Public



(Seal of Notary)

## CERTIFICATE OF SERVICE

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


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

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

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

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

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

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