Application No.:A.15-06-		
Exhibit No.:		
Witness: Jenny Phan		
Date: June 1, 2015		

SAN DIEGO GAS & ELECTRIC COMPANY PREPARED DIRECT TESTIMONY OF JENNY PHAN

REDACTED AND PUBLIC VERSION

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

June 1, 2015



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1	PREPARED DIRECT TESTIMONY OF
2	JENNY PHAN
3	ON BEHALF OF SDG&E
4	I. INTRODUCTION
5	The purpose of my testimony is to address the recorded transactions and related cost
6	recovery for San Diego Gas & Electric Company's ("SDG&E") Energy Resource Recovery
7	Account ("ERRA"), Transition Cost Balancing Account ("TCBA"), and Local Generating
8	Balancing Account ("LGBA") during the record period of January 1, 2014 through
9	December 31, 2014 ("Record Period"). My testimony also addresses entries recorded to four
10	other ERRA-related accounts: the New Environmental Regulatory Balancing Account
11	("NERBA"), the Market Redesign and Technology Upgrade Memorandum Account
12	("MRTUMA"), the Independent Evaluator Memorandum Account ("IEMA"), and the Litigation
13	Cost Memorandum Account ("LCMA").
14	Based on my testimony regarding recorded transactions, related cost recovery, and
15	balancing account entries associated with these accounts, my testimony requests that the
16	Commission find that:
17	Transactions recorded to SDG&E's ERRA during 2014 (Attachment A), TCBA
18	during 2014 (Attachment B) and LGBA during 2014 (Attachment C) were in
19	compliance with the California Public Utilities Commission ("Commission")
20	directives and are recoverable;
21	 Transactions recorded in NERBA associated with Assembly Bill ("AB") 32

administrative fees were in compliance with Commission directives;

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- The amounts transferred from IEMA to ERRA in 2014 were in compliance with Commission directives; and
- Transactions recorded in the LCMA from 2004 to 2014 were in compliance with Commission directives.
- With regard to the LGBA, for which there is an undercollection through 2014 in the amount of and the MRTUMA, for which there is an undercollection in the amount of \$260,002, SDG&E will seek cost recovery for the sum of these amounts in its next ERRA Forecast Application for 2017, which will be filed on April 15, 2016. As to the NERBA, for which there is an overcollection of \$353,694, SDG&E will include the 2014 year-end overcollection balance of \$0.4 million in the Annual Electric Regulatory Account Update filing, with updated actuals and the most current forecast, which will be implemented in rates and amortized effective January 1 following the Commission's approval of this Application.

Furthermore, my testimony describes the status of prior filings pertaining to the MRTUMA and requests a review and approval of a tax-related prior period adjustment. As noted above, SDG&E is not requesting cost recovery of this undercollection at this time but will include the request for recovery in SDG&E's 2017 ERRA Forecast Application for recovery, which SDG&E will file on April 15, 2016. Finally, my testimony provides a 2014 ERRA Forecast versus Actual Variance Analysis (Attachment H) as well as a 2014 versus 2013 Recorded Variance Analysis (Attachment I).

The direct testimony of SDG&E witness Sally Chen describes SDG&E's electric procurement and commodity expenses recorded to ERRA, TCBA and LGBA during the 2014 Record Period.

II. ERRA

Pursuant to Decision ("D.") 02-10-062 and D.02-12-074, the purpose of the ERRA is to provide full recovery of SDG&E's energy procurement costs associated with serving SDG&E's bundled service customers. SDG&E's ERRA revenue requirement also includes the full recovery of California Independent System Operator ("CAISO") energy and ancillary services load charges, contract costs, generation fuel costs, CAISO-related costs, hedging costs and previously approved equity rebalancing costs related to the financial statement consolidation under Accounting Standards Codification 810 ("ASC 810")¹ of the Otay Mesa Energy Center ("OMEC") to serve SDG&E's bundled service customers.² ERRA includes revenues from SDG&E's Electric Energy Commodity Cost ("EECC") rate schedules (commodity revenue) adjusted to exclude California Department of Water Resources ("CDWR") revenues for energy provided by CDWR to SDG&E customers, non-fuel generation revenues allocated to the NGBA, and other Commission approved transfers.

On a monthly basis, ERRA compares the energy procurement costs described above with the commodity revenue (excluding CDWR, NGBA revenue and other transfers). Interest is applied to any over- or undercollection balance at the three-month Commercial Paper rate.

¹ ASC 810, effective January 1, 2010, amended Financial Accounting Standards Board ("FASB") Interpretation No. 46 (R).

² The equity rebalancing costs are included in the approved ERRA tariff in section 5(t), effective January 1, 2015.

SDG&E's adopted ERRA tariff describes the entries that are made to the account on a monthly basis.³

The ERRA balance as of December 31, 2014 was an undercollection of approximately \$280.0 million. Attachment A summarizes the monthly accounting entries recorded to ERRA from January 1 through December 31, 2014 used to calculate the balance and consists of three schedules: the Total ERRA schedule (Attachment A1), the main ERRA schedule (Attachment A2), and the ERRA Greenhouse Gas ("GHG") sub-account (Attachment A3). The Total ERRA schedule represents the summation of the main ERRA schedule and the ERRA GHG sub-account.

As a result of D.14-11-040, which approved the San Onofre Nuclear Generating Station ("SONGS") Amended and Restated Settlement Agreement, entries that reflect the results of the Settlement Agreement were recorded to ERRA in November and December 2014. SDG&E is not requesting a compliance review of these transactions, because they will be reviewed through a separate Application and Commission proceeding.

The 2014 activity in SDG&E's ERRA, as detailed in Attachment A, is summarized in Table 1 below:

³ The monthly entries are described in the approved ERRA tariff in section 5, effective January 1, 2015.

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Table 1

	Under/(Over) Collection
December 31, 2013 ERRA Balance ⁴	\$417,066,468
Revenue	\$(1,284,889,473)
Expenses	\$1,367,336,728
Other - net ⁵	\$(220,023,902)
Interest	\$488,394
December 31, 2014 Total ERRA Balance	\$279,978,215

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A. GHG Sub-Account

On January 29, 2014, the Commission's Energy Division approved SDG&E's revisions to the ERRA Preliminary Statement submitted in Advice Letter 2549-E, dated November 27, 2013 and effective December 27, 2013. With this approval, SDG&E transferred from the main ERRA schedule to the GHG sub-account the GHG costs incurred in 2012, while the recovery of these costs were temporarily deferred per D.12-12-033. Please refer to Attachment A3 line 7 in the February 2014 column.

Further, pursuant to D.13-12-041, GHG cost deferral ended, therefore SDG&E was authorized to recover all GHG costs. However, these were not included in rates for cost recovery until we received a letter from the Director of Energy Division approving the inclusion in rates.

We did receive that letter, and accordingly, the GHG costs have been included in rates since

⁴ The 2014 beginning balance is referenced in schedule A1.

⁵ The "Other-net" category includes supplier refunds, transfers from other regulatory accounts, carrying costs related to hedging and SONGS settlement-related entries.

April 1, 2014. Thus, of direct GHG costs (including interest) representing 2013		
vintage year emission expense were transferred from the ERRA GHG sub-account to the main		
ERRA schedule in May 2014. Please refer to Attachment A3 line 2 and line 7 in the May 2014		
column.		
As of December 31, 2014, the remaining in the ERRA GHG sub-account,		
shown in Table 1 above, represents the 2015 vintage year allowances that will be recorded in the		

main ERRA schedule as emissions occur.

In this Proceeding, SDG&E respectfully requests the Commission determine that the

GHG sub-account is reasonable and correctly stated for the Record Period.

B. Monthly ERRA Report

Ordering Paragraph 19 of D.02-12-074 directed Pacific Gas & Electric Company ("PG&E"), Southern California Edison Company ("SCE") and SDG&E to file a monthly report with the Commission's Energy Division that summarizes monthly activity in the ERRA balancing account. The utilities were also directed to submit original source documents pertaining to such activities. D.07-04-020 at Finding of Fact 1 modified this requirement to allow SDG&E to provide only a breakdown of costs recorded to ERRA in the monthly filings and make the supporting documentation available to Commission staff and interested parties upon request. The modified reporting requirement was effective with the April 2007 report. SDG&E submitted the monthly reports to Energy Division and interested parties for all twelve months of 2014.

In summary, SDG&E requests that the Commission find the entries and calculations in its ERRA, including its GHG sub-account, to be appropriate, correctly stated and recoverable.

III.	TCBA
111.	$\mathbf{I} \cup \mathbf{D} \cap$

In SDG&E's 2005 ERRA compliance review proceeding, the Commission authorized the review of SDG&E's TCBA in future ERRA review proceedings.⁶ The annual ERRA review is the appropriate forum to review the TCBA since the costs that are recorded in the TCBA generally relate to the above-market portion of certain Qualifying Facilities ("QFs") and purchase power costs eligible for recovery under AB 1890.

The TCBA records the eligible above-market power costs and the revenues received from SDG&E's Competition Transition Charge ("CTC") rate. For 2014, the market benchmarks of \$49.47 and \$53.69/MWh⁷ were used to calculate the above-market portion of AB 1890-eligible transition costs. On a monthly basis, the TCBA compares the above-market power costs with the revenue from the CTC rate component. Interest is applied to any over- or undercollection balance at the three-month Commercial Paper rate.

The balance in the TCBA as of December 31, 2014 was a \$7.2 million undercollection.
Attachment B provides a monthly summary of the entries to the TCBA during 2014. Table 2 below summarizes the 2014 activity and shows the calculation of the undercollection.

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⁶ The 2005 ERRA Compliance proceeding was approved by D.06-12-019.

⁷ The market benchmark of \$49.47/MWh was authorized in D.13-10-053, which approved SDG&E's 2013 ERRA Revenue Requirement Forecast proceeding, A.12-10-002. The rate of \$53.69/MWh was authorized in D.14-05-022, which approved SDG&E's 2014 ERRA Revenue Requirement Forecast proceeding, A.13-09-017.

⁸ The forecasted 2014 year-end undercollected balance of \$3.1 million was approved in AL 2664-E on December 12, 2014 and effective as of November 30, 2014, for amortization in rates effective January 1, 2015.

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Table 2

	Under/(Over) Collection
December 31, 2013 TCBA Balance ⁹	\$9,162,204
Revenue	\$(38,091,740)
Expenses	\$36,128,231
Interest	\$7,221
December 31, 2014 TCBA Balance	\$7,205,916

In this Application, SDG&E requests that the Commission find the entries and calculations recorded in the TCBA to be appropriate, correctly stated and recoverable.

IV. LGBA

The LGBA was authorized by D.13-03-029 and established in Advice Letter ("AL") 2499-E with an effective date of July 31, 2013. The purpose of the LGBA is to record the revenues and costs of generating contracts where the Commission has determined that the resource is subject to the cost allocation mechanism ("CAM"). In 2014, the only contract included in the LGBA was the Escondido Energy Center¹⁰.

The LGBA tariff states that "The balance in the LGBA will be addressed in the Company's ERRA proceeding or in another proceeding deemed appropriate by the Commission." Accordingly, SDG&E requests confirmation that transactions recorded in 2014 in the LGBA are in compliance with Commission directives.

⁹ SDG&E's December 31, 2013 TCBA balance is pending approval in A.14-05-026.

¹⁰ Per D.13-03-029, fuel costs for Escondido Energy Center LLC are to be recorded to the LGBA.

¹¹ See Cal. P.U.C. Sheet No. 23615-E, Preliminary Statement, No. 5.

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which provides a monthly summary of the

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accounting entries recorded to the LGBA during 2014.

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Table 3

Under/(Over) Collection

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the LGBA are in compliance with Commission directives and are recoverable; and (b) SDG&E shall request cost recovery of the undercollected 2014 year-end balance of in its 2017 ERRA Forecast Application.

In summary, SDG&E requests confirmation that (a) its transactions recorded in 2014 in

V. NERBA

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The NERBA, as approved by the Commission's Decision 13-05-010 in the SDG&E's 2012 General Rate Case ("GRC"), records the operating and maintenance ("O&M") costs and capital related costs associated with certain new and proposed federal and state environmental programs. Specifically, the NERBA records actual costs against revenue requirements for administrative fees charged by the California Air Resources Board ("CARB") which are authorized recoverable by CARB under Assembly Bill ("AB") 32. The balance in the NERBA as of December 31, 2014 was a \$0.4 million overcollection. By the end of 2015, we forecast the

year-end balance to be an overcollection of \$0.6 million. SDG&E will include the 2014 year-
end overcollection balance of \$0.4 million in the Annual Electric Regulatory Account Update
filing, with updated actuals and the most current forecast, which will be implemented in rates
and amortized effective January 1 following the Commission's approval of this Application.
Attachment D provides a monthly summary of the entries recorded to the NERBA during 2014
Additionally, SDG&E requests confirmation that the transactions recorded in the
NERBA are appropriate and correctly stated in accordance with Commission directives.

VI. MRTUMA

The purpose of the MRTUMA is to record the incremental O&M and capital-related costs associated with implementing the CAISO's MRTU initiative. With respect to recovery of MRTU-related costs, SDG&E's approved MRTUMA tariff reads:

Recovery of the MRTUMA shall be addressed in the annual ERRA Reasonableness proceeding, or other proceeding determined by the Commission. The balance in the MRTUMA shall be transferred to the Non-fuel Generation Balancing Account (NGBA) upon Commission approval. 12

MRTUMA-related costs as of January 1, 2012 were authorized as part of SDG&E's 2012 GRC in D.13-05-010. However, a tax-related prior period adjustment of \$0.3 million recorded in January 2012 (related to years 2008-2011) does not fall under the GRC revenue requirement approval and is presented here in Attachment E in the Prior Period Adjustment column. Because these amounts were incurred during years when recovery of the MRTU was addressed in the annual ERRA compliance proceeding, SDG&E is asking for a review and approval of the adjustment in this Application. However, SDG&E is not seeking cost recovery of this

¹² The request to establish SDG&E's MRTUMA Preliminary Statement was filed in AL 1867-E on January 29, 2007 and approved by the Commission on June 11, 2007, with an effective date of May 24, 2007. *See* Cal. P.U.C. Sheet No. 19972-E, Preliminary Statement, No. 5.

undercollection at this time but will include the request for recovery in SDG&E's 2017 ERRA
Forecast Application, to be filed April 15, 2016.

Additionally, on January 31, 2012, SDG&E filed a joint application, A.12-01-014, with PG&E and SCE, requesting cost recovery of the 2010 MRTUMA-related costs, of which SDG&E's portion is \$1.6 million. This application is still pending before the Commission. We are presenting a status of the application and are not asking for recovery.

In summary, SDG&E requests that (a) the Commission review and approve the MRTUMA tax-related prior period adjustment of \$0.3 million, as discussed above; and (b) authorize SDG&E to seek cost recovery of the stated undercollection in SDG&E's next ERRA Forecast Application for 2017, which will be filed on April 15, 2016.

VII. IEMA

Pursuant to D.04-12-048 and D.05-07-039, the purpose of the IEMA is to record third party costs associated with the use of Independent Evaluators ("IEs") in the utility's long-term procurement activities and Renewables Portfolio Standard ("RPS") programs. Interest is applied to any over- or undercollection balance at the three-month Commercial Paper rate.

On June 1, 2011, SDG&E filed A.11-06-003 (ERRA Compliance Application for 2010). With respect to cost recovery, A.11-06-003 sought authority to recover the IEMA activity for 2010 in the amount of \$0.5 million. This application was approved in D.14-07-006 on July 10, 2014, and subsequently the \$0.5 million undercollection was transferred to ERRA in July of 2014 as shown in line 54 of Attachment A1 as well as in Attachment F.

D.11-10-029,¹³ which approved Phase 1 of SDG&E's 2009 ERRA Compliance Filing, granted authority for SDG&E to update its IEMA tariff disposition to allow it to transfer the

¹³ D.11-10-029 was issued on October 24, 2011.

balance in the IEMA to ERRA on an annual basis.¹⁴ In compliance with D.11-10-029, SDG&E transferred the IEMA 2014 activity undercollection balance of \$0.3 million as shown in line 54 of Attachment A1 as well as in Attachment F. The transfers from IEMA to ERRA are also included in the "Other-net" category of Table 1.

In this Proceeding, SDG&E requests that the Commission find the amounts transferred from IEMA to ERRA in 2014 to be in compliance with Commission directives.

VIII. LCMA

Pursuant to Resolution E-3893, the LCMA was established in 2004 to record the litigation costs associated with refunds resulting from the energy price crisis in October 2000 through January 2001. The LCMA tracks the difference between incurred litigation costs and settlement proceeds received.

Per the LCMA Preliminary Statement, the account is subject to review in the ERRA proceeding; thus, SDG&E is presenting the total annual transactions recorded from 2004 through 2014 for review in Attachment G.

At this time, SDG&E is not requesting recovery of the December 31, 2014 undercollected balance as there are still a few pending litigation cases and the appropriate vehicle for requesting recovery is through a separate filing. However, since the majority of the cases have already been settled and the few pending cases are expected to result in small settlements, SDG&E requests that the Commission review SDG&E's LCMA transactions from 2004 through 2014. Once SDG&E has closed all LCMA related litigation, SDG&E will evaluate and execute next steps.

¹⁴ D.11-10-029 was implemented in AL 2304-E, which was approved on January 12, 2012 and effective November 17, 2011.

IX. AUDIT OF ENERGY RESOURCE RECOVERY ACCOUNT

As ordered in D.10-02-018, OP 4, "San Diego Gas & Electric Company shall conduct and complete an audit of its Energy Resource Recovery Account at least once every four years with the first audit to be for the 2009 or 2010 record year." Accordingly, Sempra Energy Audit Services conducted an audit of the ERRA for record year 2013. The audit was completed on April 17, 2014 and no business control issues or corrective actions were identified by the auditors.

X. CONCLUSION

- As directed in D.02-10-062 and D.02-12-074, SDG&E seeks approval of the
 entries and calculations in its ERRA, including its GHG sub-account, for the
 period January 1, 2014 through December 31, 2014 and requests that the
 Commission find these entries and calculations appropriate, correctly stated and
 recoverable.
- As directed in D.06-12-019, SDG&E seeks approval of the entries recorded to the TCBA for the period January 1, 2014 through December 31, 2014 and requests that the Commission find these entries and calculations appropriate, correctly stated and recoverable in accordance with applicable Commission policy and decisions.
- In accordance with D.13-03-029 and AL 2499-E, SDG&E seeks approval of the entries recorded to the LGBA for the period January 1, 2014 through December 31, 2014, and requests that the Commission find these entries and calculations appropriate, correctly stated and recoverable in accordance with applicable Commission policy and decisions. In summary, SDG&E is not

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at this time, but will include the request for recovery in its 2017 ERRA Forecast Application for recovery, which will be filed on April 15, 2016.

- SDG&E requests that the Commission find the entries in the NERBA to be appropriate and correctly stated. SDG&E also requests that the overcollected December 31, 2014 balance of \$0.4 million to be approved and proposes to include this \$0.4 million in the Annual Electric Regulatory Account Update filing, with updated actuals and most current forecast, which will be implemented in rates and amortized effective January 1 following the Commission's approval of this Application.
- SDG&E requests that the MRTUMA tax-related prior period adjustment of \$0.3
 million be reviewed and approved. SDG&E is not requesting cost recovery of this
 undercollection in this Application but will include a request for recovery in its
 2017 ERRA Forecast Application, which will be filed on April 15, 2016, for
 recovery.
- SDG&E requests that the Commission find the balance transfer to ERRA of 2014
 IEMA activity to be in compliance with Commission directives.
- SDG&E requests that the Commission find the entries in the LCMA from 2004 to 2014 to be appropriate and correctly stated in accordance with Commission directives.

SDG&E has made the entries to the aforementioned regulatory accounts in accordance with its adopted tariffs and in compliance with relevant Commission decisions.

This concludes my prepared direct testimony.

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	My name is Jenny Phan. I am employed by SDG&E as a Principal Regulatory Accounts
Advis	or in the Regulatory Accounts Department. My business address is 8330 Century Park
Court	San Diego, CA 92123.

I graduated from the University of Quebec in Montreal in 1996 with a Bachelor of Science degree in Accounting. I have been a Chartered Professional Accountant from Canada since 2001.

I have been employed by SDG&E and Sempra Energy since April 2005. In addition to my current role in Regulatory Accounts, I have held various positions with increasing responsibility including a Senior Accountant II position in the Accounting Operations department at SDG&E and a Senior Trust Accountant position in the Compensation and Benefits department at Sempra Energy. Prior to joining SDG&E and Sempra Energy, I worked for large companies in Canada preparing monthly financial statements, regulatory reports and accounting analysis. In my current position, my responsibilities include the development, implementation and analysis of regulatory balancing and memorandum accounts.

Attachment A

San Diego Gas & Electric Company Energy Resource Recovery Account For the period January 1, 2014 - December 31, 2014

Attachment A1 - Total ERRA 2014 Attachment A1 - Total ERRA 2014

48 MISCELLANEOUS 48 Supplier Refunds 5 Carrying Cost Related to Hedging Margin Deposit - Broker Carrying Cost Related to Hedging Margin Deposit - Computed 5 Carrying Cost Related to Hedging Margin Deposit - Computed	ne #	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	TOTAL
Process Proc		\$ 417,066,468												
Performance	2 REVENUES	·												
Page Table Relation (FFR) (page Page		(101,907,850)	(90,848,934)	(83,464,945)	(92,197,267)	(130,235,076)	(160,647,600)	(166,630,488)						
Math Property National Property Property National Property N														
Total Part P														
1	7 Total ERRA Revenues including FF&U	(101,877,777)	(90,036,160)	(83,089,893)	(92,157,112)	(130,180,306)	(160,585,752)	(166,585,151)	(193,011,057)	(242,542,064)	(212,730,112)	(153,837,875)	(105,685,317)	
18 East FRAU Income Franch 1 1 2,00% 14.11% 16.00 14.11% 16.00		1,226,202	1,093,136	1,004,288	1,109,360	1,567,048	1,932,985	2,004,974						
Section First Section Sectio												20,980	20,376	
10 Tool FFSU 125,004												-	-	
Section ERAR Reviews without FF41 (10.081.937) (18.95.264) (19.206.118) (19.48.235) (19.26.1317) (18.65.3117) (19.48.167.27) (19.66.3517) (19.48.167.27) (19.66.3517) (19.48.167.27) (19.66.3517) (19.48.167.27) (19.66.3517) (19.48.167.27) (19.66.3517) (19.48.167.27) (19.66.3517) (19.48.167.27) (19.66.3517) (19.48.167.27) (19.48.167.														
15		1,225,840	1,083,356	999,775	1,108,877	1,566,389	1,932,241	2,004,428	2,322,397	2,918,377	2,559,666	1,851,047	1,271,654	
	15 Subtotal ERRA Revenues without FF&U	(100,651,937)	(88,952,804)	(82,090,118)	(91,048,235)	(128,613,917)	(158,653,511)	(164,580,723)	(190,688,660)	(239,623,687)	(210,170,446)	(151,986,828)	(104,413,663)	
		31 3/2 106	28 704 334	26 686 011	26 708 473	20 080 255	30 622 248	31 080 155	34 327 683	30 312 131 00	33 837 107	30 233 405	20 185 040	
See Tender to PPRA 1, 477,265 2,485,663 2,48														
Company Comp														
New Personal Process 1.0 New Personal P											2,430,303	2,430,303	2,430,303	
September Proceedings Process											(474 000 046) ¢	(447.040.000) ©	(70.710.100\ E	/4 204 000 47
SPRINGS		\$ (67,242,124) \$	(53,214,581) \$	(50,898,253) \$	(59,743,355) \$	(95,019,902) \$	(123,526,594) \$	(128,086,384.68) \$	(151,569,431) \$	(195,802,033) \$	(171,823,816) \$	(117,243,900) \$	(70,719,100) \$	(1,284,889,47
Miscripage Mis	1 2 2 3 4 4 5 5 6 6 7 8 9 9 0 1 1 2 2 3 Total Balancing Account Expenses												s	1,367,336
Supplier Refunds Carrying Cost Related to Hedging Margin Deposit - Broker Carrying Cost Related to Hedging Margin Deposit - Broker Carrying Cost Related to Hedging Margin Deposit - Computed Carrying Cost Related to He														
Carrying Cost Related to Hedging Margin Deposit - Broker Carrying Cost Related to Hedging Margin Deposit - Computed 1,561 1,432 1,751 1,896 1,955 1,997 2,040 2,048 2,226 2,011 1,975 2,718 (135,541,751) (1,546,743) (13 Total Miscellaneous 5 1,561 \$ (900,241) \$ 1,751 \$ 1,896 \$ (5,721,311) \$ 1,997 \$ (13,793,369) \$ (60,374,587) \$ (31,282) \$ 2,011 \$ (137,962,248) \$ (2,666,860) \$ (22 Net Current Month Under/ (Over) Collection 5 1 Interest Rate			(901.673)			(5.723.266)	0	(13 795 409)	(60.376.635)	(33.508)		(2 422 471 99)	(1 122 835)	(84,375,7
48 Carrying Cost Related to Hedging Margin Deposit - Computed 5.61 1.432 1.751 1.896 1.955 1.997 2.040 2.048 2.266 2.011 1.975 2.718 (13.541.715 1.546.743) (13.541.715 1.546.743) (13.541.715 1.546.743) (13.541.715 1.546.743) (13.541.715 1.541.715			(301,073)			(0,123,200)	U	(10,730,403)	(00,570,055)	(33,308)		(2,722,711.33)	(1,122,000)	(04,373,7
Total Miscellaneous \$ 1,561 \$ (900,241) \$ 1,751 \$ 1,896 \$ (5,721,311) \$ 1,997 \$ (13,793,369) \$ (60,374,587) \$ (31,282) \$ 2,011 \$ (137,962,248) \$ (2,666,860) \$ (22,666,860)	 Carrying Cost Related to Hedging Margin Deposit - Computed 	1,561	1,432	1,751	1,896	1,955	1,997	2,040	2,048	2,226	2,011			23,6
Net Current Month Under/ (Over) Collection Net Current Month Under/ (Over) Collection Interest Rate 0.09% 0.09% 0.10%			(900,241) \$	1,751 \$	1,896 \$	(5,721,311) \$	1,997 \$	(13,793,369) \$	(60,374,587) \$	(31,282) \$	2,011 \$			(137,088,4
22 Monthly Interest Calculation 32,351 35,040 42,102 45,664 48,087 48,987 49,141 53,026 46,998 38,222 25,281 23,494 34 Transfers To/ From Other Regulatory Accounts - 505,958 582,940 327,882 55 Current Month Activity with Interest & Transfers	Net Current Month Under/ (Over) Collection		, , ,			, , , , ,		, , , , ,	, , , , ,	, , , ,		, , , , ,	,,,,,,	-
22 Monthly Interest Calculation 32,351 35,040 42,102 45,664 48,087 48,987 49,141 53,026 46,998 38,222 25,281 23,494 34 Transfers To/ From Other Regulatory Accounts - 505,958 582,940 327,882 55 Current Month Activity with Interest & Transfers														
53 4 Transfers To/ From Other Regulatory Accounts 5 Current Month Activity with Interest & Transfers							0.10%							
4 Transfers To/ From Other Regulatory Accounts - 505,958 582,940 327,882 55 Current Month Activity with Interest & Transfers														
5 Current Month Activity with Interest & Transfers	3	32,351	35,040	42,102	45,664	48,087								488,39
		32,351	35,040	42,102	45,664	48,087		49,141	53,026				23,494	488,39
	54 Transfers To/ From Other Regulatory Accounts	32,351	35,040	42,102	45,664	48,087		49,141	53,026				23,494	488,39 1,416,78
6 Account Balance with Interest & Transfers	4 Transfers To/ From Other Regulatory Accounts	32,351 -	35,040	42,102	45,664	48,087		49,141	53,026				23,494	

Notes:
Line 54: Transfer from IEMA \$505,958 in July 2014 and \$327,882 in December 2014
Transfer to LCMA \$582,940 in August 2014

Attachment A2 - ERRA Main 2014 Attachment A2 - ERRA Main 2014

e#	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	TOTAL
1 Beginning Balance Under/(Over)	\$ 417,066,468				·				•				
2 REVENUES													
3 EECC Revenue (Less DWR Revenue)	(101,907,850)	(90,848,934)	(83,464,945)	(92,197,267)	(130,235,076)	(160,647,600)	(166,630,488)	(192,778,339)	(240,624,891)	(210,851,691)	(152,156,084)	(104,395,003)	
4 Power Charge Indifference (PCIA) Revenue								(394,038)	(2,083,543)	(2,082,532)	(1,743,631)	(1,693,411)	
5 Peak Time Rebate (PTR) Incentive Payments	(61)	772,543	342,221	152	22,423	25,351	150	116,168	112,705	152,041	31	36	
6 Net Energy Metering - Net Surplus Compensation Pmts	30,134	40,231	32,831	40,003	32,347	36,497	45,187	45,152	53,665	52,070	61,809	403,061	
7 Total ERRA Revenues including FF&U 8	(101,877,777)	(90,036,160)	(83,089,893)	(92,157,112)	(130,180,306)	(160,585,752)	(166,585,151)	(193,011,057)	(242,542,064)	(212,730,112)	(153,837,875)	(105,685,317)	
9 Less: FF&U factor (1.012179) for EECC	1,226,202	1,093,136	1,004,288	1,109,360	1,567,048	1.932.985	2,004,974	2,319,597	2,895,309	2,537,064	1,830,811	1,256,128	
10 Less: FF&U factor for Power Charge Indifference Revenue	1,220,202	1,000,100	1,001,200	1,100,000	1,007,010	1,002,000	2,001,071	4,741	25,070	25,058	20,980	20,376	
Less: FF&U factor for Peak Time Rebate Payments	1	(9,296)	(4,118)	(2)	(270)	(305)	(2)	(1,398)	(1,356)	(1,829)	20,300	20,570	
12 Less: FF&U factor for Net Enery Metering	(363)	(484)	(395)	(481)	(389)	(439)	(544)	(543)	(646)	(627)	(744)	(4.850)	
3 Total FF&U	1,225,840	1,083,356	999,775	1,108,877	1,566,389	1,932,241	2,004,428	2,322,397	2,918,377	2,559,666	1,851,047	1,271,654	
14	1,223,040	1,000,000	333,773	1,100,077	1,500,505	1,302,241	2,004,420	2,022,007	2,310,311	2,000,000	1,001,047	1,271,004	
5 Subtotal ERRA Revenues without FF&U	(100,651,937)	(88,952,804)	(82,090,118)	(91,048,235)	(128,613,917)	(158,653,511)	(164,580,723)	(190,688,660)	(239,623,687)	(210,170,446)	(151,986,828)	(104,413,663)	
16													
17 Less: Transfer to NGBA	31,342,196	28,794,334	26,686,911	26,798,473	29,089,255	30,622,248	31,989,155	34,327,683	39,312,131.00	33,837,107	30,233,405	29,185,040	
18 Less: Transfer to GRCMA	2,070,560	2,070,560	2,070,560	2,070,560	2,070,560	2,070,560	2,070,560	2,070,560	2,070,560	2,070,560	2,070,560	2,070,560	
19 Less: Transfer to DPBA	-	4,877,926	2,438,963	2,438,963	2,438,963	2,438,963	2,438,963	2,438,963	2,438,963	2,438,963	2,438,963	2,438,963	
20 Less: Transfer FERA to BBA	(2,943)	(4,597)	(4,569)	(3,116)	(4,763)	(4,854)	(4,340)	282,023	-				
21 Net Revenues Booked to ERRA	\$ (67,242,124) \$	(53,214,581) \$	(50,898,253) \$	(59,743,355) \$	(95,019,902) \$	(123,526,594) \$	(128,086,384.68) \$	(151,569,431) \$	(195,802,033) \$	(171,823,816) \$	(117,243,900) \$	(70,719,100) \$	(1,284,889,473)
22 23 EXPENSES													
26 27 28													
29													
29													
29		(901,673)			(5,723,266)	0	(13,795,409)	(60,376,635)	(33,508)		(2,422,471.99)	(1,122,835)	(84,375,798
29		(901,673)			(5,723,266)	0	(13,795,409)	(60,376,635)	(33,508)		(2,422,471.99)	(1,122,835)	(84,375,798
29 29 30 30 30 30 30 30 30 30 30 30 30 30 30	1,561	(901,673) 1,432	1,751	1,896	(5,723,266) 1,955	0 1,997	(13,795,409) 2,040	(60,376,635) 2,048	(33,508) 2,226	2,011	1,975	2,718	23,611
29	1,561	1,432		•	1,955	1,997	2,040	2,048	2,226		1,975 (135,541,751)	2,718 (1,546,743)	23,611 (137,088,494)
29 29 30 30 30 30 30 30 30 30 30 30 30 30 30			1,751 1,751 \$	1,896 1,896 \$	1,955	-	,		2,226	2,011 2,011 \$	1,975	2,718	23,611 (137,088,494)
29 29 30 30 30 30 30 30 30 30 30 30 30 30 30	1,561	1,432		•	1,955	1,997	2,040	2,048	2,226		1,975 (135,541,751)	2,718 (1,546,743)	23,611 (137,088,494)
29	1,561	1,432		•	1,955	1,997	2,040	2,048	2,226		1,975 (135,541,751)	2,718 (1,546,743)	23,611 (137,088,494) (221,440,681)
29 29 30 30 30 30 30 30 30 30 30 30 30 30 30	1,561 - \$ 1,561 \$	1,432 (900,241) \$	1,751 \$	1,896 \$	1,955 (5,721,311) \$	1,997 1,997 \$	2,040 (13,793,369) \$	2,048 (60,374,587) \$	2,226 (31,282) \$	2,011 \$	1,975 (135,541,751) (137,962,248) \$	2,718 (1,546,743) (2,666,860) \$	23,611 (137,088,494) (221,440,681)
29	1,561 \$ 1,561 \$ 0.09%	1,432	1,751 \$	1,896 \$	1,955 (5,721,311) \$	1,997 1,997 \$	2,040 (13,793,369) \$	2,048 (60,374,587) \$	2,226 (31,282) \$	2,011 \$	1,975 (135,541,751) (137,962,248) \$	2,718 (1,546,743) (2,666,860) \$	23,611 (137,088,494) (221,440,681)
29	1,561 - \$ 1,561 \$	1,432 (900,241) \$	1,751 \$	1,896 \$	1,955 (5,721,311) \$	1,997 1,997 \$	2,040 (13,793,369) \$	2,048 (60,374,587) \$	2,226 (31,282) \$	2,011 \$	1,975 (135,541,751) (137,962,248) \$	2,718 (1,546,743) (2,666,860) \$	23,611 (137,088,494) (221,440,681)
29 29 20 20 20 20 20 20	1,561 \$ 1,561 \$ 0.09%	1,432	1,751 \$	1,896 \$	1,955 (5,721,311) \$	1,997 1,997 \$	2,040 (13,793,369) \$ 0.10% 48,547	2,048 (60,374,587) \$ 0.10% 52,432	2,226 (31,282) \$	2,011 \$	1,975 (135,541,751) (137,962,248) \$	2,718 (1,546,743) (2,666,860) \$ 0.10% 22,900	23,611 (137,088,494) (221,440,681)
29	1,561 \$ 1,561 \$ 0.09%	1,432	1,751 \$	1,896 \$	1,955 (5,721,311) \$	1,997 1,997 \$	2,040 (13,793,369) \$	2,048 (60,374,587) \$	2,226 (31,282) \$	2,011 \$	1,975 (135,541,751) (137,962,248) \$	2,718 (1,546,743) (2,666,860) \$	23,611 (137,088,494 (221,440,681

Notes:
Line 54: Transfer from IEMA \$505,958 in July 2014 and \$327,882 in December 2014
Transfer to LCMA \$582,940 in August 2014

56 Account Balance with Interest & Transfers

San Diego Gas & Electric Company Energy Resource Recovery Account For the period January 1, 2014 - December 31, 2014

Attachment A3 - ERRA GHG Sub-Account 2014 Attachment A3 - ERRA GHG Sub-Account 2014

Line #	GREENHOUSE GAS	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	TOTAL 2014
	1 Beginning Balance													
	2													
	2													
	3													
	5													
	6													
	7													
	9													
	0													-
	O Completing Relations with Internal O.T.													
	9 Cumulative Balance with Interest & Ti	ansters												

Attachment B

San Diego Gas & Electric Transition Cost Balancing Account For the period January 1, 2014 - December 31, 2014

Attachment B - TCBA 2014

Attachment B - TCBA 2014

Under / (Over) Collection	Jan-14		Feb-14	М	ar-14	Α	Apr-14	May-14	Jun-14		Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
Beginning Balance Under/(Over)	\$ 9,162,204	\$	7,336,686	\$ 6,	180,084	\$ 5,	,204,699	\$ 4,279,805	\$ 6,797,594	\$	2,401,699	\$ 9,715,789 \$	8,415,217	\$ 10,918,707	\$ 9,494,026	\$ 8,266,477	\$ 9,162,204
CTC Revenue CTC Costs	(3,483,402) 1,657,264		(3,329,722) 2,172,614		033,839) 057,979		,079,250) ,153,961	(3,687,539) 6,204,867	(4,125,396) (270,882)		(4,506,362) 11,819,946	(3,763,819) 2,462,493	(2,740,461) 5,243,065	(2,321,991) 896,460	(1,937,322) 709,033	(2,082,636) 1,021,430	(38,091,740) 36,128,231
Under/(Over) collection	\$ (1,826,138)	\$	(1,157,108)	\$ (975,859)	\$ ((925,289)	\$ 2,517,327	\$ (4,396,278)	\$	7,313,584	\$ (1,301,327) \$	2,502,604	\$ (1,425,532)	\$ (1,228,289)	\$ (1,061,205)	\$ (1,963,509)
Current Month under/(over) collection before interest	\$ (1,826,138)	\$	(1,157,108)	\$ (975,859)	\$ ((925,289)	\$ 2,517,327	\$ (4,396,278)	\$	7,313,584	\$ (1,301,327) \$	2,502,604	\$ (1,425,532)	\$ (1,228,289)	\$ (1,061,205)	\$ (1,963,509)
Interest Rate	0.09%		0.09%		0.10%		0.10%	0.10%	0.10%		0.10%	0.10%	0.11%	0.10%	0.10%	0.10%	
Interest (Current Month)	\$ 619	\$	507	\$	474	\$	395	\$ 462	\$ 383	\$	505	\$ 755 \$	886	\$ 850	\$ 740	\$ 645	7,221
Current Month with Interest	\$ (1,825,519)	\$	(1,156,601)	\$ (975,385)	\$ ((924,894)	\$ 2,517,789	\$ (4,395,895)	\$	7,314,089	\$ (1,300,572) \$	2,503,490	\$ (1,424,682)	\$ (1,227,549)	\$ (1,060,560)	\$ (1,956,288)
Cumulative Balance with Interest	\$ 7.336.686	s	6.180.084	\$ 5.3	204.699	\$ 4.	.279.805	\$ 6.797.594	\$ 2.401.699	ŝ	9.715.789	\$ 8.415.217 \$	10.918.707	\$ 9,494,026	\$ 8.266.477	\$ 7.205.916	\$ 7.205.916

Attachment C

San Diego Gas and Electric Local Generation Balancing Account (LGBA) For the period January 1, 2014 - December 31, 2014

Attachment C - LGBA 2014 Attachment C - LGBA 2014



Notes:

- (a) To exclude FF&U from the revenue of LGBA that was booked in August.
 (b) To correct formula error in November calculation.
 (c) To correct interest from full month to half month convention (Jan-Nov 2014).
 (d) Logic for calculating LGBA was changed to be based off of CAM rather than the RECAP.

Attachment D

San Diego Gas & Electric New Environmental Regulatory Balancing Account (NERBA) - Electric For the period January 1, 2014 - December 31, 2014

Attachment D - NERBA 2014 Attachment D - NERBA 2014

	5	A		5	Current				-	
.,	Beginning	Authorized	Authorized	Recorded	Month		Twelve Months Per	Interest	Total Monthly	
Year 2014	Balance	Revenue	Amortizations	Expenses	Activity	Interest Rate	Year	Amount	Activity	Ending Balance
(a) PPA	695,581	(411,000)	-	-	(411,000)			(406)	(411,406)	284,175
(b) PPA	284,175	(423,000)	-	-	(423,000)			(736)	(423,736)	(139,561)
January 2014	(139,561)	(36,250)	-	-	(36,250)	0.09%	12	(12)	(36,262)	(175,823)
February	(175,823)	(36,250)	-	-	(36,250)	0.09%	12	(15)	(36,265)	(212,088)
March	(212,088)	(36,250)	-	-	(36,250)	0.10%	12	(19)	(36,269)	(248,357)
April	(248,357)	(36,250)	-	-	(36,250)	0.10%	12	(22)	(36,272)	(284,629)
May	(284,629)	(36,250)	-	-	(36,250)	0.10%	12	(25)	(36,275)	(320,904)
June	(320,904)	(36,250)	-	-	(36,250)	0.10%	12	(28)	(36,278)	(357,182)
July	(357,182)	(36,250)	-	-	(36,250)	0.10%	12	(31)	(36,281)	(393,463)
August	(393,463)	(36,250)	-	-	(36,250)	0.10%	12	(34)	(36,284)	(429,747)
September	(429,747)	(36,250)	-	-	(36,250)	0.11%	12	(41)	(36,291)	(466,038)
PPA (c)	(466,038)			221,159	221,159	0.11%	12	10	221,169	(244,869)
October	(244,869)	(36,250)	-	-	(36,250)	0.10%	12	(22)	(36,272)	(281,141)
November	(281,141)	(36,250)	-	-	(36,250)	0.10%	12	(25)	(36,275)	(317,416)
December	(317,416)	(36,250)	-	-	(36,250)	0.10%	12	(28)	(36,278)	(353,694)
Total		(435,000)		221,159	(213,841)			(292)	(214,133)	

⁽a) To correct 2012 GRC revenue requirements

⁽b) To correct 2013 GRC revenue requirements

⁽c) IO wasn't picked up in September to cover annual AB32 administrative fees.

Attachment E

San Diego Gas & Electric Market Redesign Technology Upgrade Memo Account For the period January 1, 2012 - December 31, 2012

Attachment E - MRTUMA 2012

Attachment E - MRTUMA 2012

	De	ec 2011	Prid	or Period Adi.	Jani	uary-12	Fehr	uary-12	Ma	rch-12	Δ	pril-12	M	av-12	,	Mav-12	.1	une-12	.lı	ulv-12	Δ	uaust-12	Sen	tember-12	Oct	tober-12	Nov	vember-12	TO	OTAL 2012
		00 2011		riaj.																		J								
O&M EXPENDITURES					\$	54,752	\$	56,204	\$	125,457	\$	88,161	\$	86,365	\$	120,326	\$	48,877	\$	82,090	\$	99,992	\$	419,673	\$	87,825	\$	118,437	\$	1,388,160
REVENUE REQUIREMENT: Depreciation					\$	64,531	\$	78,173	\$	78,016	\$	78,016	\$	78,016	\$	78,016	\$	78,016	\$	78,016	\$	78,016	\$	78,016	\$	78,016	\$	78,016	\$	922,865
Return on Rate Base Income Tax on Return			\$	260,002	\$ \$	-,	\$ \$, -	\$ \$,	\$ \$	13,164 13,314	\$ \$	12,696 13.069	\$ \$	12,229 12.826	\$ \$	11,761 12,581	\$ \$	11,294 12,337	\$	10,826 12.093	\$ \$	10,359 11.849		9,891 11.604		9,424 11,360	\$	139,162 329,321
Total Revenue Requirement Expenditures			\$	260,002	\$			106,194	\$	105,201	\$	104,494	\$	103,781	\$	103,071	\$	102,358	\$	101,647	\$	100,935	\$	100,224	\$	99,511	\$	98,800	\$	1,391,348
Rounding																					\$	(1)							\$	(1)
TOTAL Balancing Account Expenses			\$	260,002	\$	59,882	\$	162,398	\$:	230,657	\$	192,654	\$	190,146	\$	223,397	\$	151,235	\$	183,737	\$	200,927	\$	519,897	\$	187,337	\$	217,237	\$	2,779,507
Net Current Month Under / (Over) Collection			\$	260,002	\$	59,882	\$	162,398	\$:	230,657	\$	192,654	\$	190,146	\$	223,397	\$	151,235	\$	183,737	\$	200,927	\$	519,897	\$	187,337	\$	217,237	\$	2,779,506
Cumulative Balance	\$ 3	3,857,571	\$ 4	1,117,573	\$ 4,	177,455	\$ 4,	339,853	\$ 4,	570,510	\$ 4	,763,164	\$ 4,	953,310	\$ 5	5,176,707	\$ 5	5,327,942	\$ 5	,511,679	\$	5,712,606	\$ 6	5,232,503	\$ 6	6,419,840	\$	6,637,077		
Interest Rate						0.14%		0.14%		0.17%		0.18%		0.20%		0.19%		0.21%		0.22%		0.20%		0.20%		0.19%		0.20%		
Interest			\$	409	\$	489	\$	501	\$	636	\$	705	\$	816	\$	808	\$	926	\$	1,001	\$	942	\$	1,002	\$	1,008	\$	1,095	\$	10,338
Current Month Interest			\$	409	\$	489	\$	501	\$	636	\$	705	\$	816	\$	808	\$	926	\$	1,001	\$	942	\$	1,002	\$	1,008	\$	1,095	\$	10,338
Cumulative Interest	\$	33,411	\$	33,820	\$	34,309	\$	34,810	\$	35,446	\$	36,151	\$	36,967	\$	37,775	\$	38,701	\$	39,702	\$	40,644	\$	41,646	\$	42,654	\$	43,749		
																													\$	
Current Balance with Interest			\$	260,411	\$	60,371	\$	162,899	\$	231,293	\$	193,359	\$	190,962	\$	224,205	\$	152,161	\$	184,738	\$	201,869	\$	520,899	\$	188,345	\$	218,332	\$	2,789,844
Cumulative Balance with Interest	\$ 3	3,890,982	\$ 4	1,151,393	\$ 4,	211,764	\$ 4,	374,663	\$ 4,	605,956	\$ 4	,799,315	\$ 4,	990,277	\$!	5,214,482	\$ 5	5,366,643	\$ 5	,551,381	\$	5,753,250	\$ 6	5,274,149	\$ 6	6,462,494	\$	6,680,826		

Attachment E - MRTUMA 2012

Attachment F

San Diego Gas and Electric Independent Evaluator Memorandum Account (IEMA) For the period January 1, 2014 - December 31, 2014

Attachment F - IEMA 2014 Attachment F - IEMA 2014

MONTHS	7	FOTAL MONTHLY EXPENSES	UNDER/(OVER) COLLECTION	PRIOR MONTH BALANCE	ADJUSTMENT	INTEREST BASE	INTEREST RATE	INTEREST (EXP) INC	ACCOUNT BALANCE
DECEMBER 2013				505,958					505,958
JANUARY 2014		(65,169)	(65,169)	505,958		473,374	0.09%	36	440,825
FEBRUARY		40,320	40,320	440,825		460,985	0.09%	35	481,180
MARCH		113,493	113,493	481,180		537,927	0.10%	45	594,718
APRIL		(27,154)	(27,154)	594,718		581,141	0.10%	48	567,612
MAY		33,880	33,880	567,612		584,552	0.10%	49	601,541
JUNE		66,158	66,158	601,541		634,620	0.10%	53	667,752
JULY		(11,998)	(11,998)	667,752		661,753	0.10%	55	655,809
JULY BAL TRSFR ((1)				(505,958)				149,851
PRIOR PD ADJ	(2)				(4,920)				144,931
AUGUST		13,320	13,320	144,931		151,591	0.10%	13	158,264
SEPTEMBER		110,512	110,512	158,264		213,520	0.11%	20	268,796
OCTOBER		(13,016)	(13,016)	268,796		262,288	0.10%	22	255,802
NOVEMBER		27,109	27,109	255,802		269,357	0.10%	22	282,933
DECEMBER		44,924	44,924	282,933		305,395	0.10%	25	327,882
DECEMBER ADJ			-	327,882	(327,882)				
TOTAL 2014		332,379	332,379		(838,760)	5,136,502		423	0

⁽¹⁾ Per D.14-07-006 approving the 2010 ERRA Compliance, transfer of 2010 IEMA activity to ERRA in July 2014.

⁽²⁾ Per D.11-10-029, transfer of 2014 IEMA activity to ERRA in December 2014.

Attachment G

San Diego Gas and Electric Litigation Cost Memorandum Account For the years 2004 through 2014

Attachment G - LCMA 2004 to 2014

Attachment G - LCMA 2004 to 2014

YEARS	Settlement Proceeds	Expenses	Net Activity	INTEREST (EXP) INC	ACCOUNT BALANCE
					0
2004	(750,000)	53,771	(696,229)	(632)	(696,861)
2005	(750,000)	2,097,796	1,347,796	(1,404)	1,346,392
2006	(799,001)	421,933	(377,068)	9,543	(367,525)
2007	-	-	-	14,624	14,624
2008	-	263,811	263,811	13,328	277,139
2009	(500,000)	2,357,353	1,857,353	2,507	1,859,860
2010	(2,250,000)	2,228,501	(21,499)	4,156	(17,343)
2011	-	157,751	157,751	4,198	161,949
2012	(2,600,000)	426,308	(2,173,692)	1,217	(2,172,475)
2013	-	71,607	71,607	469	72,076
2014	(582,940)	119,516	(463,424)	341	(463,083)
Balance Inception to Date	(8,231,941)	8,198,347		48,347	14,753

Attachment H

Attachment H - 2014 ERRA Forecast vs Actual Variance Analysis

Thousands of Dollars (without FF&U)

No.	Component	2014 Forecast	2014 Re	ecorded	Difference	Variance
1	Load ISO Charges & Supply ISO Revenues			\$ 283,960		
2	Contract Costs (non-CTC)		856,811			
3	Contract Costs (CTC up to market)		55,293			
4	Generation Fuel		156,908			
5	Net Supply ISO Revenues			1,069,012		
6	Equity Rebalancing Costs			13,243		
7	CAISO Misc. Costs			(27,200)		
8	Hedging Costs			1,338		
	Total ERRA Expenses	\$ 1,195,505		\$ 1,340,353	\$ 144,848	

- 1 <u>Load ISO Charges & Supply ISO Revenues-</u> a number of factors explain this variance: GHG indirect costs were excluded from the forecast but are included in the recorded costs. Lower generation in other categories resulted in lower Supply ISO revenues and increased market purchases (Load ISO Charges). Higher electric prices exacerbated the effects of each of these factors.
- 4 Generation Fuel Although gas prices were higher a number of utility owned power plants had extended outages which lowered fuel costs.
- 7 <u>CAISO Misc. Costs</u> The 2014 recorded CAISO Misc. costs include revenues from Congestion Revenue Rights ("CRR") and Convergence Bidding, which were not included in the forecast. Western Renewable Energy Generation Information System ("WREGIS") fees were higher than forecast.
- 8 <u>Hedging Costs</u>- The higher actual natural gas price compared to the forecast resulted in lower realized hedging costs.

Attachment I

Attachm	ent I - 2014 vs 2013 Recorded Variance Analysis						
				San Diego Gas & E			
				rgy Resource Reco			
			20	14 vs 2013 Recorde	d Variance Analy	SiS	
			Column 1	Column 2	Column 3 =Col.(1)-Col.(2)	Column 3a = Col.(3)/Col.(2)	Column 4
Line #	Description	Tariff Item	Total 2014	Total 2013	Difference	Variance %	Explanation > 10% Change or \$1 million
2	REVENUES						
3	EECC Revenue (Less DWR Revenue)	5H	(1,726,738,168)	(1,279,666,008)	(447,072,160)	34.9%	Higher EECC revenue in 2014 is due to higher EECC rates. EECC rates increased primarily due to the inclusion of an ERRA Trigger in rates, as well as a significant increase from the 2013 to the 2014 ERRA revenue requirement. In 2013, SDG&E was acting as an agent and was collecting on behalf of DWR for power provided by
4	Power Charge Indifference (PCIA) Revenue		(7,997,155)	_	(7,997,155)	100.0%	DWR. In 2014, SDG&E had an actual charge, thus SDG&E started to collect the PCIA revenue.
5	Peak Time Rebate (PTR) Incentive Payments	5R	1,543,760	1,305,374	238,386	18.3%	Peak Time Rebate Program rebates were higher in 2014 due to higher usage by the customers.
6	Net Energy Metering - Net Surplus Compensation Pmts		872.987	254,209	618,778	040 404	Net Energy Metering compensation payments were higher in 2014 due to higher rates and increased customer activity.
7	Total ERRA Revenues including FF&U		(1,732,318,576)	(1,278,106,425)	(454,212,151)	243.4%	customer activity.
8	<u> </u>		, , , , , , , ,	·	, , , , ,		
9 10	Less: FF&U factor (1.012179) for EECC Less: FF&U factor for Power Charge Indifference Revenue	5H	20,776,902 96,225	15,096,151	5,680,751 96,225		
11	Less: FF&U factor for Peak Time Rebate Payments		(18,575)	(15,708)	(2,867)		
12	Less: FF&U factor for Net Enery Metering		(10,505)	(3,007)	(7,498)		
13 14	Total FF&U		20,844,047	15,077,436	5,766,611		
15	Subtotal ERRA Revenues without FF&U		(1,711,474,529)	(1,263,028,989)	(448,445,540)		
16			, , , , ,	, , , , ,	, , , ,		
17	Less: Transfer to NGBA	5K	372,217,938	375,587,057	(3,369,119)	-0.9%	The decrease in revenue transfers from ERRA to the Non-Fuel Generation Balancing Account (NGBA) is due to lower bundled sales in 2014. Amortization of the General Rate Case Memo Account (GRCMA) began in September of 2013, thus 2013
18	Less: Transfer to GRCMA	5K	24,846,721	8,282,240	16,564,481	200.0%	has only 4 months of amortization. The revenues are billed to customers in the EECC rate and then transferred from ERRA to GRCMA.
19	Less: Transfer to EFMA	5K	-	705,540	(705,540)	-100.0%	The balance of the EFMA memo account was transferred to NERBA at the end of 2013.
19	Less: Transfer to DPBA	5K	29,267,556	-	29,267,556	100.0%	Amortization of the Dynamic Pricing Balancing Account (DPBA) began on January 1, 2014. The revenues are billed to customers in the EECC rate and then transferred from ERRA to DPBA. In August 2014, a journal entry was booked to adjust the administrative expenses that were added back to
20	Less: Transfer FERA to BBA	5H	252,841	(30,269)	283,110	-935.3%	revenue from 2/1/2006 to 7/31/2014 for \$282,023.
21	Net Revenues Booked to ERRA	5H, 5I, 5J	\$ (1,284,889,473)	\$ (878,484,421)	\$ (405,699,512)		
22							
23 24	EXPENSES Contract Costs (CTC up-to-market) - PGE	5A					Terminated 12/31/2013
	. ,						YCA ran more in 2013 due to FERC efficiency reasons. Several QF plants had major overhauls which
25	Contract Costs (CTC up-to-market) - QFs & YCA	5B	55,292,640	83,662,926	(28,370,286)		accounted for long outages.
26	Contract Costs (Non-CTC)	5C	856,810,558	645,983,277	210,827,281	32.6%	There was a 37% increase in renewable energy in 2014 - mostly from Solar increasing by 309%.
27	Generation Fuel & In-Lieu Payment	5D	156,908,045	198,692,033	(41,783,988)	-21.0%	There were some long extended scheduled and forced outages in 2014 for Palomar and Desert Star. Also lower gas consumption due to lower dispatch due to influx of solar generation contributed to the decrease. The 2013 credit of (\$7.3M) includes certain DWR-related CAISO credits in 2013 of approximately (\$10.6M), offset by CA Power Exchange wind-up fees, WREGIS fees, and NERC fees of \$2.5M, and SoCal Edison SONGS ISO costs of \$.8M. The DWR-related contracts were wind contracts with counterparties Cabazon and Whitewater, and the contracts ended at the beginning of 2014. Subsequently, in 2014, no DWR-
28	Other ISO Related Costs	5E	5,027	(7,320,523)	7,325,550		related activity for these contracts occurred, and only small miscellaneous costs not separately listed on the ERRA Tariff were recorded in this category. CA Power Exchange wind-up fees, WREGIS fees, and NERC fees were listed separately under the WREGIS Costs category in 2014 to reflect the order of expense itemization on the ERRA Tariff.
29	ISO Supply & Load Costs	5F	283,959,984	115,287,893	168,672,091	146.3%	Loads were up 7% in 2014, but supply generation was down by 15%. Further, load costs were up 12% in 2014 and supply revenues were down by 6%. This caused load costs to be significantly higher in 2014. The reduction in Hedging Costs is primarily due to increased gas prices in 2014, which gave SDG&E a more
30	Hedging Costs & Financial Transactions	5G	1,338,341	30,680,255	(29,341,914)	-95.6%	favorable hedging position.
31	Contract Costs - CHP Costs (AB1613)	5M	-	-	-	-	
32 33	Customer Incentives - SPP, DR,20/20 Rewards/Penalties - Palomar Energy Ctr	5N 5O	-	-	-	-	
- 55	Romandor Challedo T diomai Energy Of						

_							In 2013, \$2.4M in WREGIS Costs and other fees were included in Other ISO Costs. In 2014, these costs
							were shown as a separate line item to reflect the order of expense itemization on the ERRA Tariff. Costs
0.4	WDEGIO O		0.000.44		0.000.444	400.00	were higher in 2014 due to higher California Power Exchange wind-up fees, higher North American Electric
34	WREGIS Costs	5P	3,620,114	-	3,620,114	100.0%	Reliability Corp (NERC) fees, and higher WREGIS volume fees.
							In 2013, the CAISO CRR revenues of (\$21.0M) were included in the Supply & Load category. In 2014, they
35	ISO CRRs Costs	5Q	(30,044,304	,	(30,044,304)	100.00/	were shown as a separate line item to reflect the order of expense itemization on the ERRA Tariff.
33	ISO CRRS COSIS	อน	(30,044,302	-	(30,044,304)	100.0%	CAISO Convergence Bidding (CB) net revenues of (\$.9M) were reported under the Supply & Load category
							in 2013. In 2014, they were shown as a separate line item to reflect the order of expense itemization on the
							ERRA Tariff. Net revenues for 2013 and 2014 were consistent, and fluctuation depends upon the amount
36	ISO Convergence Bidding Costs	5S	(780,968	Δ.	(780,968)	100.00/	of CB revenues & expenses billed to SDG&E by the CAISO.
37	Rebalancing Costs (OMEC)	5T	13,242,737		(529,709)	-3.8%	
38	Purchased Tradable Renewable Energy Credits (TRECs)	5U	13,242,737	13,772,440	(329,709)		Changes in the accounting tariff caused this expense to be shown separately.
39	Sales Tradable Renewable Energy Credits (TRECs)	5V	-	+	- '	100.076	Orlanges in the accounting tann caused this expense to be shown separately.
40	Net Surplus Compensation Costs (AB920)	5W			-	-	
41	Authorized Disallowances	5X	-	+	-	-	
71	Authorized Disallowances	JA.	_			_	
42		5Y					
43	Total Balancing Account Expenses	Ŭ.	\$ 1,367,336,728	\$ 1,080,764,312	\$ 286,572,416		
44	, , , , , , , , , , , , , , , , , , ,		, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,			
45	MISCELLANEOUS						
46	Supplier Refunds	5L	(84,375,798	(293,944)	(84,081,854)	28604.7%	Major cases were settled in 2014, generating higher refunds related to Energy Crisis Settlements in 2014.
47	Carrying Cost Related to Hedging Margin Deposit - Broker	5G	-	,	(= /== /== /		
	7 0 0 0 1						Carrying costs were lower in 2014 primarily due to lower average account balances. Additionally, the 3-
48	Carrying Cost Related to Hedging Margin Deposit - Computed	5G	23,611	33,696	(10,085)	-29.9%	month Commerical Paper borrowing rates were lower in 2014 compared to 2013.
49	SONGS Settlement		(137,088,494	-	(137,088,494)	100.0%	The SONGS Amended and Restated Settlement Agreement was approved in November 2014 by D.14-11-04
	Total Miscellaneous		\$ (221,440,681) \$ (260,248)	\$ (221,180,433)		
50	Net Current Month Under/ (Over) Collection		\$ (138,993,426) \$ 202,019,643	\$ (340,307,529)		
	,		,		, , , ,		
51	Interest Rate	5AB					
							Although the interest rates were lower in 2014, the higher ending balances as well as higher activity during
52	Interest		488,394	347,626	140,768	40.5%	2014 resulted in higher interest for 2014 compared to 2013.
53							
							Higher amount in 2014 is primarily due to two IEMA transfers. Transfer of 2010 IEMA activity to ERRA in
							July 2014 per D.14-07-006 and 2014 IEMA activity to ERRA in December 2014 per D.11-10-029. In
54	Transfers To/ From Other Regulatory Accounts	5K	1,416,780		269,297	23.5%	addition, there was also a transfer from ERRA to LCMA in August 2014.
55	Current Month Activity with Interest & Transfers		\$ (137,088,253) \$ 203,514,752	\$ (339,897,465)		
56	Account Balance with Interest & Transfers		\$ (137,088,253) \$ 203,514,752	\$ (339,897,465)		

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

DECLARATION OF JENNY PHAN

A.15-06-XXX

Application of San Diego Gas & Electric Company (U 902-E) for Approval of: (i) Contract Administration, Least Cost Dispatch and Power Procurement Activities in 2014, (ii) Costs Related to those Activities Recorded to the Energy Resource Recovery Account and Transition Cost Balancing Account in 2014 and (iii) Costs Recorded in Related Regulatory Accounts in 2014

I, Jenny Phan, declare as follows:

- 1. I am a Principal Regulatory Accounts Advisor for San Diego Gas & Electric Company ("SDG&E"). I have included my Direct Testimony ("Testimony") in support of SDG&E's Application for Approval of: (i) Contract Administration, Least Cost Dispatch and Power Procurement Activities, and (ii) Costs Related to those Activities Recorded to the Energy Resource Recovery Account, incurred during the Record Period January 1, 2014 through December 31, 2014, and (iii) the Entries Recorded in Related Regulatory Accounts. Additionally, as the Principal Regulatory Accounts Advisor, I am thoroughly familiar with the facts and representations in this declaration and if called upon to testify I could and would testify to the following based upon personal knowledge.
- 2. I am providing this Declaration to demonstrate that the confidential information ("Protected Information") in support of the referenced Application falls within the scope of data provided confidential treatment in the IOU Matrix ("Matrix") attached to the Commission's Decision D.06-06-066 (the Phase I Confidentiality decision). Pursuant to the procedures adopted

in D.08-04-023, I am addressing each of the following five features of Ordering Paragraph 2 in D.06-06-066:

- that the material constitutes a particular type of data listed in the Matrix;
- the category or categories in the Matrix the data correspond to;
- that SDG&E is complying with the limitations on confidentiality specified in the Matrix for that type of data;
- that the information is not already public; and
- that the data cannot be aggregated, redacted, summarized, masked or otherwise protected in a way that allows partial disclosure.
- 3. The Protected Information contained in my Testimony constitutes material, market sensitive, electric procurement-related information that is within the scope of Section 454.5(g) of the Public Utilities Code. As such, the Protected Information provided by SDG&E is allowed confidential treatment in accordance with Appendix 1 IOU Matrix in D.06-06-066.

Confidential	Matrix	Reason for Confidentiality		
Information	Reference	And Timing		
JP-2, 5, 6, 9 and 14;	XI	Monthly Procurement Costs, confidential		
Attachment A1-A3 and		for 3 years		
Attachment C				
Attachment H, line 1 and 5:	II.A.2	Utility Electric Price Forecasts;		
Load ISO Charges & Supply	V.C	confidential for 3 years.		
ISO Revenues		LSE Total Energy Forecast; confidential		
		for the front 3 years.		
Attachment H, line 2 and 6:	II.B.4	Generation Cost Forecasts of Non-QF		
Contract Costs (non-CTC) &		Bilateral Contracts; confidential for 3		
Equity Rebalancing Costs		years.		
Attachment H, line 3:	II.B.3	Generation Cost Forecasts of QF		
Contract Costs (CTC up to		Contracts; confidential for 3 years.		
market)	II.B.4	Generation Cost Forecasts of Non-QF		
		Bilateral Contracts; confidential for 3		
		years.		
Attachment H, line 4:	II.B.1	Generation Cost Forecasts of Utility		
Generation Fuel		Retained Generation; confidential for 3		

¹ In addition to the details addressed herein, SDG&E believes that the information being furnished in my Testimony is governed by Public Utilities Code Section 583 and General Order 66-C. Accordingly, SDG&E seeks confidential treatment of such data under those provisions, as applicable.

2

	II.B.4	years.
		Generation Cost Forecasts of Non-QF
		Bilateral Contracts; confidential for 3
		years.
Attachment H, line 7: CAISO	II.A.2	Utility Electric Price Forecasts;
Misc. Costs		confidential for 3 years.
Attachment H, line 8:	I.A.4	Long-term Fuel (gas) Buying and
Hedging Costs		Hedging Plans; confidential for 3 years.
Attachment I, line 42:	I.A.4	Long-term Fuel (gas) Buying and
Greenhouse Gas & Carrying	}	Hedging Plans; confidential for 3 years.
Costs		

- 4. I am not aware of any instances where the Protected Information has been disclosed to the public. To my knowledge, no party, including SDG&E, has publicly revealed any of the Protected Information.
- 5. I will comply with the limitations on confidentiality specified in the Matrix for the Protected Information.
- 6. The Protected Information cannot be provided in a form that is aggregated, partially redacted, or summarized, masked or otherwise protected in a manner that would allow further disclosure of the data while still protecting confidential information.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed this 29th day of May, 2015, at San Diego, California.

Jenny Phan

Principal Regulatory Accounts Advisor

San Diego Gas & Electric Company