

# **Appendix A**

## **Implementation of D.14-02-022 ERRA Trigger AL 2587**

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298



May 5, 2014

**Advice Letter 2587-E**

Clay Faber, Director  
Regulatory Affairs  
San Diego Gas and Electric  
8330 Century Park Court, CP32C  
San Diego, CA 92123-1548

**Subject: Implementation of D.14-02-022 - Granting SDG&EERRA Trigger Expedited Application and Other Revisions to Electric Rates Effective April 1, 2014**

Dear Mr. Faber:

Advice Letter 2587-E is effective April 1, 2014.

Sincerely,

A handwritten signature in black ink that reads "Edward F. Randolph".

Edward F. Randolph, Director  
Energy Division



Clay Faber - Director  
Regulatory Affairs  
8330 Century Park Court  
San Diego, CA 92123-1548

Tel: 858-654-3563  
Fax: 858-654-1788  
CFaber@semprautilities.com

March 27, 2014

**ADVICE LETTER 2587-E**  
(U 902-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

**SUBJECT: IMPLEMENTATION OF DECISION 14-02-022 – GRANTING SAN DIEGO GAS & ELECTRIC’S ENERGY RESOURCE RECOVERY ACCOUNT TRIGGER EXPEDITED APPLICATION AND OTHER REVISIONS TO ELECTRIC RATES EFFECTIVE APRIL 1, 2014**

San Diego Gas & Electric Company (SDG&E) hereby submits the following revisions applicable to its electric tariffs, as shown on Attachment C.

**PURPOSE**

This filing revises SDG&E’s electric rates effective April 1, 2014 resulting from (1) ERRA Trigger Decision (D.) 14-02-022 and (2) Greenhouse Gas (GHG) D.13-12-041. On March 26, 2014, SDG&E filed Advice Letter (AL) 2581-E-A in compliance D.13-12-041. This AL presents rates that reflect the combined implementation of AL 2581-E-A effective April 1, 2014 in compliance with D.13-12-041 and D.14-02-022.

Ordering paragraph (OP) 3 of Decision (D.) 14-02-022, dated February 27, 2014, requires San Diego Gas & Electric (SDG&E) to file a Tier 1 AL within 30 days to show the final amount of under-collection to be collected from ratepayers. The Decision specifies that “[a]ll approximate forecasts detailed in Section 5 herein shall be adjusted to account for recorded figures through December 31, 2013, through SDG&E’s filings of a Tier 1 advice letter.”<sup>1</sup> Furthermore, (OP) 1 authorizes SDG&E to collect the under-collection authorized by D.14-02-022 over a 21-month period starting April 1, 2014. This Advice Letter is filed in compliance with these directives and provides, in Attachment B, the recorded figures through December 31, 2013 that will be incorporated in rates beginning on April 1, 2014.

**DISCUSSION**

**ERRA Trigger**

In compliance with D.04-01-050, SDG&E filed AL 2463-E dated March 1, 2013, to establish the 2013 Energy Resource Recovery Account (ERRA) trigger amount with a 4% trigger point of

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<sup>1</sup> D.14-02-022, at p. 13.

\$45.7 million and 5% threshold of \$57.2 million.<sup>2</sup> On April 30, 2013, SDG&E filed Expedited Trigger Application (A.) 13-04-017 requesting expedited authorization to collect the under-collected balance in its ERRAs, excluding Greenhouse Gas (GHG) costs, using the most current recorded ERRA balance at the time this Application is implemented and SDG&E's best estimate for activity in the month just prior to implementation.

On February 27, 2014, the Commission approved D.14-02-022 granting SDG&E authority to recover a portion of its net under-collected ERRA balance, to be amortized over a 21-month period beginning April 1, 2014 and continuing through December 31, 2015. D.14-02-022 also approved SDG&E's estimated December ERRA under-collected balance of \$149.2 million, which includes the removal of \$118.8 million of net San Onofre Nuclear Generating Station (SONGS) costs from January 1, 2013 through December 2, 2013. D.14-02-022 deferred a determination of the reasonableness of those net SONGS costs, without prejudice, to the pending SONGS Investigation (I.)12-10-013 (SONGS OII). The estimated \$149.2 million under-collected December balance acts as a placeholder and is being updated herein as to the amount of SDG&E's recorded under-collection as of December 31, 2013 on which new commodity rates will commence on April 1, 2014.

As noted above, D.14-02-022 directed SDG&E to update the *estimated* \$149.2 million figure representing the year-end ERRA balance (removing "net SONGS costs" *estimated* at \$118.8 million) with the *recorded* figure as of December 31, 2013. Accordingly, that updated, recorded number of deferred "net SONGS costs" is \$121.9 million, which leaves a \$220.6 million remaining year-end undercollection, as discussed further below.

Accordingly, in compliance with D.14-02-022, SDG&E is implementing a revenue requirement increase of \$220.6 million over a 21-month amortization period, as presented in Attachment B. Consistent with OP 1, SDG&E's projected \$220.6 million under-collected balance will be collected from ratepayers over a 21-month amortization period, beginning on April 1, 2014. SDG&E's recorded December 2013 under-collected balance (excluding remaining amortization and GHG costs) is \$342.5 million. SDG&E then removed \$121.9 million of *recorded net* SONGS costs. The net SONGS costs were calculated by taking the difference in fuel and purchased power costs between SONGS operating at 100% and SONGS operating at 0% for the period of January 1, 2013 through December 31, 2013. This methodology was utilized, and as noted above, is to be further addressed and resolved in the SONGS OII. The resulting final recorded ERRA balance for December 2013 is \$220.6 million under-collected.

### **Greenhouse Gas Costs and Allowance Revenues**

In D.13-21-041, SDG&E was ordered to modify rates to issue the semi-annual California Climate Credit in 2014 and to include in rates the relevant forecasted GHG costs and GHG allowance revenues. Pursuant to D.13-12-041, SDG&E filed supplemental AL 2581-E-A to revise its electric tariff sheets effective April 1, 2014 to:

- Include the GHG compliance costs in rates;
- Include the volumetric dollars per kilowatt hour GHG credit to offset the authorized portion of the GHG compliance costs in rates; and,
- Include the authorized 2014 California Climate Credit amount.

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<sup>2</sup> Approved by the Commission on May 8, 2013.

On January 1, 2012, the California Air Resource Board (ARB) implemented its GHG emissions reduction program which sets a cap on GHG emissions and allows firms to accomplish GHG reduction goals at a minimum cost. As part of the program, SDG&E receives allowances that it is required to consign for sale in quarterly auctions implemented by the ARB. The revenues received from the auctioning of the allowances are to be used in ways that benefit electric ratepayers and may not be used for the benefit of entities or persons other than electric ratepayers.

In D.12-12-033, the Commission adopted a framework for allocating the GHG allowance revenues. The GHG allowance revenues are to be used to fund Customer Outreach and Administration expenses, energy efficiency and clean energy investments, and the remainder is to be returned to electric ratepayers. Eligible residential customers and small business customers<sup>3</sup> will receive either a volumetric rate adjustment or a line item bill credit. In addition, residential households will receive a semi-annual California Climate Credit.

As noted earlier, this Advice Letter implements into rates these various directives.

## **SUMMARY**

This Advice Letter implements the above-described changes in SDG&E's electric rates commencing April 1, 2014. The impacts of both the ERRA trigger implementation and GHG implementation results in an increase to SDG&E's total system average electric rates of approximately 0.743 cents/kWh or 4.10%. Included as Attachment A to this filing is a table summarizing the rate impacts by customer class. "Net SONGS costs" deferred by D.14-02-022 will be addressed by the Commission in the SONGS OIL.

## **EFFECTIVE DATE**

This filing is classified as a Tier 1 (effective pending disposition) pursuant to GO 96-B. Since this filing is being made in compliance with D.14-02-022, SDG&E therefore respectfully requests that it become effective on April 1, 2014.

## **PROTEST**

Anyone may protest this Advice Letter to the California Public Utilities Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received by April 16, 2014, which is 20 days of the date of this Advice Letter was filed with the Commission. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue  
San Francisco, CA 94102

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<sup>3</sup> Small Business Customers are defined as an entity "with monthly demand not exceeding 20 kilowatts in more than three months in a twelve-month period."

Copies of the protest should also be sent via e-mail to the attention of the Energy Division at [EDTariffUnit@cpuc.ca.gov](mailto:EDTariffUnit@cpuc.ca.gov). A copy of the protest should also be sent via both e-mail and facsimile to the address shown below on the same date it is mailed or delivered to the Commission.

Attn: Megan Caulson  
Regulatory Tariff Manager  
8330 Century Park Court, Room 32C  
San Diego, CA 92123-1548  
Facsimile No. (858) 654-1879  
E-Mail: [mcaulson@semprautilities.com](mailto:mcaulson@semprautilities.com)

### **NOTICE**

A copy of this filing has been served on the utilities and interested parties shown on the attached list, including parties in A.13-04-017 and I.12-10-013, by either providing them a copy electronically or by mailing them a copy hereof, properly stamped and addressed.

Address changes should be directed to SDG&E Tariffs by facsimile at (858) 654-1879 or by e-mail at [SDG&ETariffs@semprautilities.com](mailto:SDG&ETariffs@semprautilities.com).

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CLAY FABER  
Director – Regulatory Affairs

# CALIFORNIA PUBLIC UTILITIES COMMISSION

## ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SAN DIEGO GAS & ELECTRIC (U 902)**

Utility type:

ELC

GAS

PLC

HEAT

WATER

Contact Person: Aurora Carrillo

Phone #: (858) 654-1542

E-mail: acarrillo@semprautilities.com

### EXPLANATION OF UTILITY TYPE

ELC = Electric

GAS = Gas

PLC = Pipeline

HEAT = Heat

WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2587-E

Subject of AL: Implementation of D.14-02-022 - Granting SDG&E's Energy Resource Recovery Account Trigger Expedited Application and Other Revisions to Electric Rates Effective 4/1/2014.

Keywords (choose from CPUC listing): ERRA, Compliance, Rates

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

D.14-02-022

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL

Summarize differences between the AL and the prior withdrawn or rejected AL<sup>1</sup>: N/A

Does AL request confidential treatment? If so, provide explanation:

Resolution Required?  Yes  No

Tier Designation:  1  2  3

Requested effective date: April 1, 2014

No. of tariff sheets: 25

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): 0.743 (¢/KWhr) and/or 4.10%

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: See Table of Contents

Service affected and changes proposed<sup>1</sup>: N/A

Pending advice letters that revise the same tariff sheets: 2582-E, 2581-E-A, 2575-E and 2575-E-A

**Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:**

**CPUC, Energy Division**

**Attention: Tariff Unit**

**505 Van Ness Ave.,**

**San Francisco, CA 94102**

**mas@cpuc.ca.gov and EDTariffUnit@cpuc.ca.gov**

**San Diego Gas & Electric**

**Attention: Megan Caulson**

**8330 Century Park Ct, Room 32C**

**San Diego, CA 92123**

**mcaulson@semprautilities.com**

<sup>1</sup> Discuss in AL if more space is needed.

General Order No. 96-B  
ADVICE LETTER FILING MAILING LIST

cc: (w/enclosures)

Public Utilities Commission

DRA

S. Cauchois  
R. Pocta  
W. Scott

Energy Division

P. Clanon  
S. Gallagher  
D. Lafrenz  
M. Salinas

CA. Energy Commission

B. Helft  
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K. Cameron

American Energy Institute

C. King

APS Energy Services

J. Schenk

BP Energy Company

J. Zaiontz

Barkovich & Yap, Inc.

B. Barkovich

Bartle Wells Associates

R. Schmidt

Braun & Blaising, P.C.

S. Blaising

California Energy Markets

S. O'Donnell

C. Sweet

California Farm Bureau Federation

K. Mills

California Wind Energy

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City of Chula Vista

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J. Cervantes

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D. Douglass

D. Liddell

G. Klatt

Duke Energy North America

M. Gillette

Dynegy, Inc.

J. Paul

Ellison Schneider & Harris LLP

E. Janssen

Energy Policy Initiatives Center (USD)

S. Anders

Energy Price Solutions

A. Scott

Energy Strategies, Inc.

K. Campbell

M. Scanlan

Godin, MacBride, Squeri, Ritchie & Day

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M. Harrington

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N. Pedersen

Itsa-North America

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Luce, Forward, Hamilton & Scripps LLP

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Matthew V. Brady & Associates

M. Brady

Modesto Irrigation District

C. Mayer

Morrison & Foerster LLP

P. Hanschen

MRW & Associates

D. Richardson

Pacific Gas & Electric Co.

J. Clark

M. Huffman

S. Lawrie

E. Lucha

Pacific Utility Audit, Inc.

E. Kelly

San Diego Regional Energy Office

S. Freedman

J. Porter

School Project for Utility Rate Reduction

M. Rochman

Shute, Mihaly & Weinberger LLP

O. Armi

Solar Turbines

F. Chiang

Southern California Edison Co.

M. Alexander

K. Cini

K. Gansecki

H. Romero

TransCanada

R. Hunter

D. White

TURN

M. Hawiger

UCAN

D. Kelly

U.S. Dept. of the Navy

K. Davoodi

N. Furuta

L. DeLacruz

Utility Specialists, Southwest, Inc.

D. Koser

Western Manufactured Housing

Communities Association

S. Dey

White & Case LLP

L. Cottle

Interested Parties in:

A.13-04-017

I.12-10-013



SAN DIEGO GAS & ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
4/1/14 Rate Change  
Proposed 4/1/2014

Attachment A

SDG&E Advice Letter 2587-E  
CLASS AVERAGE RATES

Effective 2/1/2014  
(AL 2568-E)

Proposed 4/1/2014

	Current Total UDC Rate (¢/KWhr)	Current Avg. Commodity + DWR Credit (¢/KWhr)	Current Total Rate (¢/KWhr)	Proposed Total UDC Rate (¢/KWhr)	Proposed Avg. Commodity + DWR Credit (¢/KWhr)	Proposed Total Rate (¢/KWhr)	Total Rate Change (¢/KWhr)	Total Rate Change (%)
Residential	13.590	7.474	21.064	11.675	8.949	20.624	(0.440)	-2.09%
Small Commercial	12.091	8.047	20.138	11.535	9.637	21.172	1.034	5.13%
Med&Lg C&I	7.620	8.063	15.683	7.602	9.631	17.233	1.550	9.88%
Agriculture	11.864	7.681	19.545	11.669	9.200	20.869	1.324	6.77%
Lighting	11.118	5.485	16.603	11.118	6.578	17.696	1.093	6.58%
System Total	10.346	7.784	18.130	9.562	9.311	18.873	0.743	4.10%

\*  
**SAN DIEGO GAS & ELECTRIC**  
**ADVICE LETTER 2587-E**  
**ATTACHMENT B**  
**ERRA RECORDED (\$MILLION)**

ERRA Revenue and Costs	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
1 Beginning Balance	213.6	226.8	235.5	251.9	270.1	288.5	297.6	313.8	326.8	335.2	342.4	354.2
2												
3 <u>Revenue</u>												
4 Net Revenues to Balancing Account	(64.5)	(63.2)	(57.9)	(59.8)	(70.1)	(81.9)	(94.0)	(89.8)	(102.3)	(77.6)	(60.0)	(57.4)
5												
6 <u>Expense</u>												
7 Total Balancing Account Expenses	77.7	71.8	74.3	78.3	88.4	91.0	110.2	101.8	110.6	84.8	71.8	119.4
8												
9 <u>Miscellaneous</u>												
10 Adjustments - Refunds												
11 Carrying Cost Related to Hedging Margin Deposit												
12 Adjustments - Charges												
13 Net Under / (Over) Collection Prior to Interest & Transfers	13.2	8.6	16.4	18.2	18.3	9.1	16.2	12.0	8.3	7.2	11.8	62.0
14 Interest	0	0	0	0	0	0	0	0	0	0	0	0
15 Transfers From Other Regulatory Accounts								1.0				0.5
16 Total Under / (Over) Collection for Period with Interest & Transfers	13.2	8.6	16.4	18.2	18.3	9.1	16.2	13.0	8.3	7.2	11.8	62.5
17												
18 Cumulative Balance Under / (Over) Collection Before Remaining Amortization and GHG exclusions	226.8	235.5	251.9	270.1	288.5	297.6	313.8	326.8	335.2	342.4	354.2	416.8
19												
20 ERRA Trigger	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
21 Prior Year Generation Revenue (\$Million)	1,085	1,085	1,143	1,143	1,143	1,143	1,143	1,143	1,143	1,143	1,143	1,143
22 5% Threshold for Application	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
23 5% Threshold \$ Value for Application (\$Million)	54	54	57	57	57	57	57	57	57	57	57	57
24 Cumulative ERRA Balance Under / (Over) Collection (\$Million)	226.8	235.5	251.9	270.1	288.5	297.6	313.8	326.8	335.2	342.4	354.2	416.8
25 Calculated Trigger %	20.9%	21.7%	22.0%	23.6%	25.2%	26.0%	27.5%	28.6%	29.3%	30.0%	31.0%	36.5%
26												
27 Calculated Trigger Excluding Remaining Amortization Balance and GHG	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
28 Remaining ERRA Amortization and GHG-Related Exclusions	(205.5)	(195.1)	(183.2)	(173.0)	(162.3)	(144.8)	(129.2)	(112.7)	(99.8)	(90.8)	(82.5)	(74.3)
29 Net Cumulative ERRA Balance Under / (Over) Collect	21.3	40.4	68.7	97.1	126.2	152.8	184.6	214.1	235.4	251.6	271.7	342.5
30 Calculated Trigger %	2.0%	3.7%	6.0%	8.5%	11.0%	13.4%	16.2%	18.7%	20.6%	22.0%	23.8%	30.0%
31 Month 4% Trigger / 5% Threshold Exceeded			over 5%	over 5%	over 5%	over 5%	over 5%	over 5%	over 5%	over 5%	over 5%	over 5%
32												
33 Less SONGS Replacement Power Costs from 2013												
34 Balance to be Collected in ERRA Trigger D.14-02-022												

121.9
220.6

ATTACHMENT C  
ADVICE LETTER 2587-E

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
Revised 24680-E	SCHEDULE DR, RESIDENTIAL SERVICE, (Includes Rates for DR-LI), Sheet 1	Revised 24622-E
Revised 24681-E	SCHEDULE DR-TOU, EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE, Sheet 1	Revised 24624-E
Revised 24682-E	SCHEDULE DR-TOU, EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE, Sheet 2	Revised 24625-E
Revised 24683-E	SCHEDULE DM, MULTI-FAMILY SERVICE, (CLOSED SCHEDULE), Sheet 1	Revised 24629-E
Revised 24684-E	SCHEDULE DS, SUBMETERED MULTI-FAMILY SERVICE, Sheet 1	Revised 24631-E
Revised 24685-E	SCHEDULE DT, SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK, (Closed Schedule), Sheet 1	Revised 24633-E
Revised 24686-E	SCHEDULE DT-RV, SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS, Sheet 1	Revised 24634-E
Revised 24687-E	SCHEDULE EPEV-X, DOMESTIC EXPERIMENTAL PLUG-IN ELECTRIC VEHICLE SERVICE - X GROUP , Sheet 1	Revised 24640-E
Revised 24688-E	SCHEDULE EPEV-Y, DOMESTIC EXPERIMENTAL PLUG-IN ELECTRIC VEHICLE SERVICE - Y GROUP , Sheet 1	Revised 24641-E
Revised 24689-E	SCHEDULE EPEV-Z, DOMESTIC EXPERIMENTAL PLUG-IN ELECTRIC VEHICLE SERVICE - Z GROUP , Sheet 1	Revised 24642-E
Revised 24690-E	SCHEDULE UM, UNMETERED ELECTRIC SERVICE, Sheet 1	Revised 24654-E
Revised 24691-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 1	Revised 24658-E
Revised 24692-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 2	Revised 24659-E
Revised 24693-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 3	Revised 24660-E
Revised 24694-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 4	Revised 24661-E

ATTACHMENT C  
ADVICE LETTER 2587-E

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
Revised 24695-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 5	Revised 24662-E
Revised 24696-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 6	Revised 24663-E
Revised 24697-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 7	Revised 24664-E
Revised 24698-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 8	Revised 24665-E
Revised 24699-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 9	Revised 24666-E
Revised 24700-E	SCHEDULE EECC-CPP-D, ELECTRIC COMMODITY COST, CRITICAL PEAK PRICING DEFAULT, Sheet 2	Revised 24668-E
Revised 24701-E	TABLE OF CONTENTS, Sheet 1	Revised 24592-E
Revised 24702-E	TABLE OF CONTENTS, Sheet 4	Revised 24547-E
Revised 24703-E	TABLE OF CONTENTS, Sheet 5	Revised 24548-E
Revised 24704-E	TABLE OF CONTENTS, Sheet 6	Revised 24549-E



**SCHEDULE DR**

Sheet 1

RESIDENTIAL SERVICE  
(Includes Rates for DR-LI)

APPLICABILITY

Applicable to domestic service for lighting, heating, cooking, water heating, and power, or combination thereof, in single family dwellings, flats, and apartments, separately metered by the utility; to service used in common for residential purposes by tenants in multi-family dwellings under Special Condition 8; to any approved combination of residential and nonresidential service on the same meter; and to incidental farm service under Special Condition 7.

This schedule is also applicable to customers qualifying for the California Alternate Rates for Energy (CARE) Program, residing in single-family accommodations, separately metered by the Utility, and may include Non-profit Group Living Facilities and Qualified Agricultural Employee Housing Facilities, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(36.24) per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description - DR Rates	Transm	Distr	PPP	ND	CTC	RS	TRAC	UDC Total
Summer								
Baseline Energy (\$/kWh)	0.02230	0.09417	0.00845	0.00044	0.00236	0.00029	(0.08203) R	<b>0.04598</b> R
101% to 130% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	(0.06749) R	<b>0.06980</b> R
131% - 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.12570 I	<b>0.26299</b> I
Above 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.14570 I	<b>0.28299</b> I
Winter								
Baseline Energy (\$/kWh)	0.02230	0.09417	0.00845	0.00044	0.00236	0.00029	(0.05504) R	<b>0.07297</b> R
101% to 130% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	(0.04050) R	<b>0.09679</b> R
131% - 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.13330 I	<b>0.27059</b> I
Above 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.15330 I	<b>0.29059</b> I
Minimum Bill (\$/day)								<b>0.170</b>

Description -DR-LI Rates	Transm	Distr	PPP	ND	CTC	RS	TRAC	UDC Total
Summer – Care Rates								
Baseline Energy (\$/kWh)	0.02230	0.09229	0.00845	0.00044	0.00236	0.00029	(0.09778) R	<b>0.02835</b> R
101% to 130% of Baseline	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.08566) R	<b>0.04974</b> R
131% - 200% of Baseline	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.01589) R	<b>0.11951</b> R
Above 200% of Baseline	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.01589) R	<b>0.11951</b> R
Winter – Care Rates								
Baseline Energy (\$/kWh)	0.02230	0.09229	0.00845	0.00044	0.00236	0.00029	(0.07079) R	<b>0.05534</b> R
101% to 130% of Baseline	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.05867) R	<b>0.07673</b> R
131% - 200% of Baseline	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.00315) R	<b>0.13225</b> R
Above 200% of Baseline	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.00315) R	<b>0.13225</b> R
Minimum Bill (\$/day)								<b>0.170</b>

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00047) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01073) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00349 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00075 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00421 /kWh. Total Rate Adjustment Component charges also include the Residential Volumetric Rate Adjustment of \$(0.02492) per kWh for customers eligible for Schedule GHG-ARR

The Non-Baseline rates are for energy used in excess of the baseline allowance.

(Continued)



**SCHEDULE DR-TOU**

Sheet 1

EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE

APPLICABILITY

Optionally available to domestic service for lighting, heating, cooking, water heating, and power, or combination thereof, in single family dwellings, flats, and apartments where the customer is separately metered by the utility. Qualifying California Alternative Rates For Energy (CARE) customers are eligible for service on this schedule, as further described under Special Condition 10 of this schedule. The utility reserves the right to limit the number of customers receiving service under the terms of this schedule, as described in Special Condition 8.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(36.24) per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the utility.

RATES

Description – DR-TOU	Transm	Distr	PPP	ND	CTC	RS	TRAC	UDC Total
<u>Minimum Bill</u> (\$/Day)								<b>0.170</b>
<u>Metering Charge</u> (\$/Mo)		0.00						<b>0.00</b>
Summer								
On-Peak Baseline Energy	0.02230	0.10345	0.00845	0.00044	0.00382	0.00029	(0.17432) R	<b>(0.03557) R</b>
On-Peak: 101% to 130% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00382	0.00029	(0.17117) R	<b>(0.03242) R</b>
On-Peak: 131% to 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00382	0.00029	0.01978 I	<b>0.15853 I</b>
On-Peak: Above 200% Baseline	0.02230	0.10345	0.00845	0.00044	0.00382	0.00029	0.14570 I	<b>0.28445 I</b>
Off-Peak Baseline Energy	0.02230	0.10345	0.00845	0.00044	0.00104	0.00029	(0.05848) R	<b>0.07749 R</b>
Off-Peak: 101% to 130% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00104	0.00029	(0.05533) R	<b>0.08064 R</b>
Off-Peak: 131% to 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00104	0.00029	0.11855 I	<b>0.25452 I</b>
Off-Peak: Above 200% Baseline	0.02230	0.10345	0.00845	0.00044	0.00104	0.00029	0.14570 I	<b>0.28167 I</b>
Winter								
On-Peak Baseline Energy	0.02230	0.10345	0.00845	0.00044	0.00137	0.00029	(0.06325) R	<b>0.07305 R</b>
On-Peak: 101% to 130% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00137	0.00029	(0.06010) R	<b>0.07620 R</b>
On-Peak: 131% to 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00137	0.00029	0.09822 I	<b>0.23452 I</b>
On-Peak: Above 200% Baseline	0.02230	0.10345	0.00845	0.00044	0.00137	0.00029	0.15330 I	<b>0.28960 I</b>
Off-Peak Baseline Energy	0.02230	0.10345	0.00845	0.00044	0.00104	0.00029	(0.05384) R	<b>0.08213 R</b>
Off-Peak: 101% to 130% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00104	0.00029	(0.05069) R	<b>0.08528 R</b>
Off-Peak: 131% to 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00104	0.00029	0.10582 I	<b>0.24179 I</b>
Off-Peak: Above 200% Baseline	0.02230	0.10345	0.00845	0.00044	0.00104	0.00029	0.15330 I	<b>0.28927 I</b>
Baseline Adjustment Summer		(0.00928)						<b>(0.00928)</b>
101% to 130% of BL - Summer								
Baseline Adjustment Winter		(0.00928)						<b>(0.00928)</b>
101% to 130% of BL - Winter								

(Continued)



**SCHEDULE DR-TOU**  
**EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE**

Sheet 2

RATES (Continued)

Description – DR-TOU CARE	Transm	Distr	PPP	ND	CTC	RS	TRAC	UDC Total
<u>Minimum Bill</u> (\$/Day)								<b>0.170</b>
<u>Metering Charge</u> (\$/Mo)		0.00						<b>0.00</b>
Summer								
On-Peak Baseline Energy - CARE	0.02230	0.10156	0.00845	0.00044	0.00382	0.00029	(0.19598) R	<b>(0.05912)</b> R
On-Peak: 101% to 130% of Baseline-CARE	0.02230	0.10156	0.00845	0.00044	0.00382	0.00029	(0.19443) R	<b>(0.05757)</b> R
On-Peak: 131% to 200% of Baseline-CARE	0.02230	0.10156	0.00845	0.00044	0.00382	0.00029	(0.10252) R	<b>0.03434</b> R
On-Peak: Above 200% of Baseline-CARE	0.02230	0.10156	0.00845	0.00044	0.00382	0.00029	(0.10252) R	<b>0.03434</b> R
Off-Peak Baseline Energy-CARE	0.02230	0.10156	0.00845	0.00044	0.00104	0.00029	(0.08529) R	<b>0.04879</b> R
Off-Peak: 101% to 130% of Baseline-CARE	0.02230	0.10156	0.00845	0.00044	0.00104	0.00029	(0.07387) R	<b>0.06021</b> R
Off-Peak: 131% to 200% of Baseline-CARE	0.02230	0.10156	0.00845	0.00044	0.00104	0.00029	0.01635 R	<b>0.15043</b> R
Off-Peak: Above 200% of Baseline-CARE	0.02230	0.10156	0.00845	0.00044	0.00104	0.00029	0.01635 R	<b>0.15043</b> R
Winter								
On-Peak Baseline Energy - CARE	0.02230	0.10156	0.00845	0.00044	0.00137	0.00029	(0.09030) R	<b>0.04411</b> R
On-Peak: 101% to 130% of Baseline-CARE	0.02230	0.10156	0.00845	0.00044	0.00137	0.00029	(0.08108) R	<b>0.05333</b> R
On-Peak: 131% to 200% of Baseline-CARE	0.02230	0.10156	0.00845	0.00044	0.00137	0.00029	(0.02847) R	<b>0.10594</b> R
On-Peak: Above 200% of Baseline-CARE	0.02230	0.10156	0.00845	0.00044	0.00137	0.00029	(0.02847) R	<b>0.10594</b> R
Off-Peak Baseline Energy – CARE	0.02230	0.10156	0.00845	0.00044	0.00104	0.00029	(0.08065) R	<b>0.05343</b> R
Off-Peak: 101% to 130% of Baseline-CARE	0.02230	0.10156	0.00845	0.00044	0.00104	0.00029	(0.06923) R	<b>0.06485</b> R
Off-Peak: 131% to 200% of Baseline-CARE	0.02230	0.10156	0.00845	0.00044	0.00104	0.00029	(0.01843) R	<b>0.11565</b> R
Off-Peak: Above 200% of Baseline-CARE	0.02230	0.10156	0.00845	0.00044	0.00104	0.00029	(0.01843) R	<b>0.11565</b> R
Baseline Adjustment Summer-CARE		(0.00928)						<b>(0.00928)</b>
101% to 130% of Baseline – Summer-CARE								
Baseline Adjustment Winter – CARE		(0.00928)						<b>(0.00928)</b>
101% to 130% of Baseline – Winter CARE								

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00047) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01073) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00349 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00075 kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00421 /kWh. Total Rate Adjustment Component charges also include the Residential Volumetric Rate Adjustment of \$(0.02492) per kWh for customers eligible for Schedule GHG-ARR.

Minimum Bill

The minimum bill is calculated as the minimum bill charge per day times the number of days in the billing cycle. Rate Components under the minimum bill, including charges associated with Schedule EECC (Electric Energy Commodity Cost), will be calculated based on average minimum bill usage.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Reliability Services (RS), and (7) Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1-Definitions.

(Continued)



**SCHEDULE DM**

Sheet 1

**MULTI-FAMILY SERVICE  
(CLOSED SCHEDULE)**

APPLICABILITY

This schedule is applicable to service for domestic lighting, heating, cooking, water heating, and power service supplied to multi-family accommodations through one meter on a single premises in accordance with the provisions of Rule 19. This schedule was closed to new installations, except for residential hotels, on June 13, 1978.

Multi-family accommodations built prior to June 13, 1978 and served under this Schedule may also be eligible for service under Schedule DS. If an eligible multi-family accommodation or residential hotel served under this Schedule converts to an applicable submetered tariff, the tenant rental charges shall be revised for the duration of the lease to reflect the removal of the energy related charges.

Non-profit group living facilities taking service under this schedule may be eligible for a 20% California Alternate Rates for Energy (CARE) discount on their bill, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE.

Agricultural Employee Housing Facilities, as defined in Schedule E-CARE, may qualify for a 20% CARE discount on the bill if all eligibility criteria set forth in Form 142-4032 or Form 142-4035 is met.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(36.24) per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the utility.

RATES

Description – DM Closed	Transm	Distr	PPP	ND	CTC	RS	TRAC	UDC Total
Summer:								
Baseline Energy (\$/kWh)	0.02230	0.09417	0.00845	0.00044	0.00236	0.00029	(0.08203) R	<b>0.04598</b> R
101% to 130% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	(0.06749) R	<b>0.06980</b> R
131% - 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.12570 I	<b>0.26299</b> I
Above 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.14570 I	<b>0.28299</b> I
Winter:								
Baseline Energy (\$/kWh)	0.02230	0.09417	0.00845	0.00044	0.00236	0.00029	(0.05504) R	<b>0.07297</b> R
101% to 130% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	(0.04050) R	<b>0.09679</b> R
131% - 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.13330 I	<b>0.27059</b> I
Above 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.15330 I	<b>0.29059</b> I
Summer:								
Baseline Energy (\$/kWh) - CARE	0.02230	0.09229	0.00845	0.00044	0.00236	0.00029	(0.09778) R	<b>0.02835</b> R
101% to 130% of Baseline -CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.08566) R	<b>0.04974</b> R
131% - 200% of Baseline - CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.01589) R	<b>0.11951</b> R
Above 200% of Baseline - CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.01589) R	<b>0.11951</b> R
Winter:								
Baseline Energy (BL) - CARE	0.02230	0.09229	0.00845	0.00044	0.00236	0.00029	(0.07079) R	<b>0.05534</b> R
101% to 130% of Baseline -CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.05867) R	<b>0.07673</b> R
131% - 200% of Baseline - CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.00315) R	<b>0.13225</b> R
Above 200% of Baseline - CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.00315) R	<b>0.13225</b> R
Minimum Bill (\$/day)								<b>0.170</b>

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00047) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01073) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00349 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00075 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00421 /kWh. Total Rate Adjustment Component charges also include the Residential Volumetric Rate Adjustment of \$(0.02492) per kWh for customers eligible for Schedule GHG-ARR.

(Continued)





**SCHEDULE DS**

Sheet 1

**SUBMETERED MULTI-FAMILY SERVICE**

**APPLICABILITY**

This schedule is applicable to service for domestic lighting, heating, cooking, water heating, and power service supplied to multi-family accommodations other than in a mobilehome park through one meter on a single premises and submetered to all individual tenants in accordance with the provisions of Rule 19. This schedule was closed to new installations on December 13, 1981.

Pursuant to D.05-05-026, dated May 26, 2005, any building constructed for or converted to residential use prior to December 13, 1981 or served on Schedule DM prior to December 13, 1981, or any non-residential building converted to residential use after December 13, 1981 for which the conversion did not require a building permit, shall be eligible to take service under this Schedule if submeters are installed in the building. Any building constructed for residential use or converted to residential use for which a building permit was required on or after July 1, 1982, must be separately metered by the Utility and is not eligible for service under this Schedule.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(36.24) per Schedule GHG-ARR.

**TERRITORY**

Within the entire territory served by the Utility.

**RATES**

Description – DS Closed	Trans	Distr	PPP	ND	CTC	RS	TRAC	UDC Total
Summer								
Baseline Energy	0.02230	0.09417	0.00845	0.00044	0.00236	0.00029	(0.08203) R	0.04598 R
101% to 130% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	(0.06749) R	0.06980 R
131% to 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.12570 I	0.26299 I
Above 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.14570 I	0.28299 I
Winter								
Baseline Energy	0.02230	0.09417	0.00845	0.00044	0.00236	0.00029	(0.05504) R	0.07297 R
101% to 130% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	(0.04050) R	0.09679 R
131% to 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.13330 I	0.27059 I
Above 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.15330 I	0.29059 I
Summer CARE								
Baseline Energy CARE*	0.02230	0.09229	0.00845	0.00044	0.00236	0.00029	(0.09778) R	0.02835 R
101% to 130% of Baseline CARE**	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.08566) R	0.04974 R
131% to 200% of Baseline – CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.01589) R	0.11951 R
Above 200% of Baseline – CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.01589) R	0.11951 R
Winter CARE								
Baseline Energy CARE*	0.02230	0.09229	0.00845	0.00044	0.00236	0.00029	(0.07079) R	0.05534 R
101% to 130% of Baseline CARE**	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.05867) R	0.07673 R
131% to 200% of Baseline – CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.00315) R	0.13225 R
Above 200% of Baseline – CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.00315) R	0.13225 R
Unit Discount (\$/day)		(0.130)						(0.130)
Minimum Bill (\$/day)								0.170

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00047) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01073) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00349 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00075 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of 0.00421 /kWh. Total Rate Adjustment Component charges also include the Residential Volumetric Rate Adjustment of \$(0.02492) per kWh for customers eligible for Schedule GHG-ARR

\*Applicable to the baseline quantities determined from the residential dwelling units that qualify for California Alternate Rates for Energy (CARE) discounted rates as low-income households under the provisions of Schedule E-CARE.

\*\*Applicable to the non-baseline quantities determined from the residential dwelling units that are low-income households.

The Non-Baseline rates are for energy used in excess of the baseline allowance.

(Continued)

1H11

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**Lee Schavrien**

Effective

Apr 1, 2014

Decision No. 14-02-022

Senior Vice President  
Regulatory Affairs

Resolution No. \_\_\_\_\_



**SCHEDULE DT**

Sheet 1

**SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK**

(Closed Schedule)

APPLICABILITY

This schedule is applicable to service for domestic lighting, heating, cooking, water heating, and power service supplied to multi-family accommodations in a mobilehome park through one meter on a single premises and submetered to all individual tenants in accordance with the provisions of Rule 19. This schedule is closed to new mobilehome parks or manufactured housing communities for which construction has commenced after January 1, 1997.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(36.24) per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the utility.

RATES

Description - DT	Transm	Distr	PPP	ND	CTC	RS	TRAC	UDC Total
Summer								
Baseline Energy	0.02230	0.09417	0.00845	0.00044	0.00236	0.00029	(0.08203) R	<b>0.04598</b> R
101% to 130% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	(0.06749) R	<b>0.06980</b> R
131% to 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.12570 I	<b>0.26299</b> I
Above 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.14570 I	<b>0.28299</b> I
Winter								
Baseline Energy	0.02230	0.09417	0.00845	0.00044	0.00236	0.00029	(0.05504) R	<b>0.07297</b> R
101% to 130% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	(0.04050) R	<b>0.09679</b> R
131% to 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.13330 I	<b>0.27059</b> I
Above 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.15330 I	<b>0.29059</b> I
Summer								
Baseline Energy CARE*	0.02230	0.09229	0.00845	0.00044	0.00236	0.00029	(0.09778) R	<b>0.02835</b> R
101% to 130% of Baseline – CARE**	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.08566) R	<b>0.04974</b> R
131% to 200% of Baseline – CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.01589) R	<b>0.11951</b> R
Above 200% of Baseline – CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.01589) R	<b>0.11951</b> R
Winter								
Baseline Energy CARE*	0.02230	0.09229	0.00845	0.00044	0.00236	0.00029	(0.07079) R	<b>0.05534</b> R
101% to 130% of Baseline – CARE**	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.05867) R	<b>0.07673</b> R
131% to 200% of Baseline – CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.00315) R	<b>0.13225</b> R
Above 200% of Baseline – CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.00315) R	<b>0.13225</b> R
Space Discount		(0.272)						<b>(0.272)</b>
Minimum Bill (\$/day)								<b>0.170</b>

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00047) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01073) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00349 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00075 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00421 /kWh. Total Rate Adjustment Component charges also include the Residential Volumetric Rate Adjustment of \$(0.02492) per kWh for customers eligible for Schedule GHG-ARR

\*Applicable to the baseline quantities determined from the mobilehome spaces utilizing service that are low-income households.

\*\*Applicable to the non-baseline quantities determined from the mobilehome spaces utilizing service that qualify for California Alternate Rates for Energy (CARE) discounted rates as low-income households under the provisions of Schedule E-CARE.

The Non-Baseline rates are for energy used in excess of the baseline allowance.

(Continued)

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**SCHEDULE DT-RV**

Sheet 1

**SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS**

APPLICABILITY

This schedule is applicable to service for domestic lighting, heating, cooking, water heating, and power supplied to qualifying residents of recreational vehicle (RV) parks and residential marinas through one meter on a single premises and submetered to all RV park and residential marina tenants in accordance with the provisions of Rule 19.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(36.24) per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description – DT-RV	Transm	Distr	PPP	ND	CTC	RS	TRAC	UDC Total
Summer								
Baseline Energy	0.02230	0.09417	0.00845	0.00044	0.00236	0.00029	(0.08203) R	<b>0.04598</b> R
101% to 130% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	(0.06749) R	<b>0.06980</b> R
131% to 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.12570 I	<b>0.26299</b> I
Above 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.14570 I	<b>0.28299</b> I
Winter								
Baseline Energy	0.02230	0.09417	0.00845	0.00044	0.00236	0.00029	(0.05504) R	<b>0.07297</b> R
101% to 130% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	(0.04050) R	<b>0.09679</b> R
131% to 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.13330 I	<b>0.27059</b> I
Above 200% of Baseline	0.02230	0.10345	0.00845	0.00044	0.00236	0.00029	0.15330 I	<b>0.29059</b> I
Summer CARE								
Baseline Energy CARE*	0.02230	0.09229	0.00845	0.00044	0.00236	0.00029	(0.09778) R	<b>0.02835</b> R
101% to 130% of Baseline–CARE**	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.08566) R	<b>0.04974</b> R
131% to 200% of Baseline – CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.01589) R	<b>0.11951</b> R
Above 200% of Baseline – CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.01589) R	<b>0.11951</b> R
Winter CARE								
Baseline Energy CARE*	0.02230	0.09229	0.00845	0.00044	0.00236	0.00029	(0.07079) R	<b>0.05534</b> R
101% to 130% of Baseline– CARE**	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.05867) R	<b>0.07673</b> R
131% to 200% of Baseline – CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.00315) R	<b>0.13225</b> R
Above 200% of Baseline – CARE	0.02230	0.10156	0.00845	0.00044	0.00236	0.00029	(0.00315) R	<b>0.13225</b> R
Minimum Bill (\$/day)								<b>0.170</b>

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00047) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01073) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00349 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00075 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00421 /kWh. Total Rate Adjustment Component charges also include the Residential Volumetric Rate Adjustment of \$ (0.02492) per kWh for customers eligible for Schedule GHG-ARR

\* The baseline quantity to be billed under the Baseline and Non-Baseline rates for the RV spaces and marina boat slips/berths utilizing service that are low-income households shall be determined under the provisions of Special Condition 8. The baseline quantity will be calculated by multiplying the applicable baseline quantities by the number of occupied submetered qualifying RV spaces and marina boat slips/berths.

\*\* If any tenants in a submetered qualifying RV park or residential marina qualify as low-income households under the provisions of Schedule E-CARE, the baseline quantity shall be prorated among the applicable California Alternate Rates for Energy (CARE) Baseline rate and the Regular Baseline rate according to the proportion of qualifying and non-qualifying spaces or slips/berths. Non-Baseline usage, if applicable, shall be prorated among the applicable CARE Non-Baseline rate and the Regular Non-Baseline rate according to the same proportion as the baseline quantity.

The Non-Baseline rates are for energy used in excess of the baseline allowance.

(Continued)



**SCHEDULE EPEV-X**

Sheet 1

**DOMESTIC EXPERIMENTAL PLUG-IN ELECTRIC VEHICLE SERVICE - X GROUP**

APPLICABILITY

This is an experimental bundled service schedule available to selected (as described in Special Condition 1) residential customers exclusively for charging a plug-in electric vehicle (PEV). The PEV must be a currently registered Motor Vehicle, as defined by the California Motor Vehicle Code. This schedule is not available to customers with a conventional charge sustaining (battery recharged solely from the vehicle's on-board generator) hybrid electric vehicle (HEV).

This experimental schedule shall remain in effect until November 30, 2012 (or until the completion of the study) after which the customer will be given the choice of otherwise applicable rate schedules. If a customer does not make an election, they will be defaulted to Schedule EV-TOU. The purpose of this experimental schedule is to better understand residential customer time-of-use charging preferences and to estimate the price elasticity of demand for PEV charging. Customers that are selected to participate will be randomly assigned to an experimental PEV rate schedule.

TERRITORY

Within the entire territory served by the utility.

RATES

Description – EPEV-X	UDC Total (See Chart Below)	EECC Rate + DWR Credit	DWR-BC Rate	Total Rate
Minimum Bill (\$/day)	<b>0.170</b>			
<b>Energy Charges (\$/kWh)</b>				
On-Peak – Summer	<b>0.13507</b> R	0.19050 I	0.00513	0.33070 I
Off-Peak – Summer	<b>0.12285</b> I	0.07367 I	0.00513	0.20165 I
Super Off-Peak – Summer	<b>0.11495</b> I	0.04482 I	0.00513	0.16490 I
On-Peak – Winter	<b>0.12412</b> R	0.08439 I	0.00513	0.21364 I
Off-Peak – Winter	<b>0.12382</b> R	0.07647 I	0.00513	0.20542 I
Super Off-Peak - Winter	<b>0.11989</b> I	0.04727 I	0.00513	0.17229 I

Description – UDC Total	Transm	Distr	PPP	ND	CTC	RS	TRAC	UDC Total
Minimum Bill (\$/day)								<b>0.170</b>
<b>Energy Charges (\$/kWh)</b>								
On-Peak – Summer	0.02230	0.09100	0.00845	0.00044	0.00305	0.00029	0.00954 R	<b>0.13507</b> R
Off-Peak - Summer	0.02230	0.09100	0.00845	0.00044	0.00052	0.00029	(0.00015) I	<b>0.12285</b> I
Super Off-Peak – Summer	0.02230	0.09100	0.00845	0.00044	0.00022	0.00029	(0.00775) I	<b>0.11495</b> I
On-Peak – Winter	0.02230	0.09100	0.00845	0.00044	0.00092	0.00029	0.00072 R	<b>0.12412</b> R
Off-Peak – Winter	0.02230	0.09100	0.00845	0.00044	0.00052	0.00029	0.00082 R	<b>0.12382</b> R
Super Off-Peak - Winter	0.02230	0.09100	0.00845	0.00044	0.00022	0.00029	(0.00281) I	<b>0.11989</b> I

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00047) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01073) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00349 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00075 kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), Procurement Energy Efficiency Surcharge Rate of \$0.00421 /kWh and the EECC Rate includes a DWR Credit rate of \$(0.00152) per kWh.

(Continued)



**SCHEDULE EPEV-Y**

Sheet 1

DOMESTIC EXPERIMENTAL PLUG-IN ELECTRIC VEHICLE SERVICE - Y GROUP

APPLICABILITY

This is an experimental bundled service schedule available to selected (as described in Special Condition 1) residential customers exclusively for charging a plug-in electric vehicle (PEV). The PEV must be a currently registered Motor Vehicle, as defined by the California Motor Vehicle Code. This schedule is not available to customers with a conventional charge sustaining (battery recharged solely from the vehicle's on-board generator) hybrid electric vehicle (HEV).

This experimental schedule shall remain in effect until November 30, 2012 (or until the completion of the study) after which the customer will be given the choice of otherwise applicable rate schedules. If a customer does not make an election, they will be defaulted to Schedule EV-TOU. The purpose of this experimental schedule is to better understand residential customer time-of-use charging preferences and to estimate the price elasticity of demand for PEV charging. Customers that are selected to participate will be randomly assigned to an experimental PEV rate schedule.

TERRITORY

Within the entire territory served by the utility.

RATES

Description – EPEV-Y	UDC Total (See Chart Below)	EECC Rate + DWR Credit	DWR-BC Rate	Total Rate
<b>Minimum Bill (\$/day)</b>	<b>0.170</b>			
<b>Energy Charges (\$/kWh)</b>				
<b>On-Peak – Summer</b>	<b>0.16082</b> R	0.19050	0.00513	0.35645
<b>Off-Peak – Summer</b>	<b>0.14538</b> I	0.07367	0.00513	0.22418
<b>Super Off-Peak – Summer</b>	<b>0.04312</b> R	0.04482	0.00513	0.09307
<b>On-Peak – Winter</b>	<b>0.21142</b> I	0.08439	0.00513	0.30094
<b>Off-Peak – Winter</b>	<b>0.11903</b> R	0.07647	0.00513	0.20063
<b>Super Off-Peak - Winter</b>	<b>0.04692</b> R	0.04727	0.00513	0.09932

Description – UDC Total	Transm	Distr	PPP	ND	CTC	RS	TRAC	UDC Total
<b>Minimum Bill (\$/day)</b>								<b>0.170</b>
<b>Energy Charges (\$/kWh)</b>								
<b>On-Peak – Summer</b>	0.02230	0.09100	0.00845	0.00044	0.00305	0.00029	0.03529 R	<b>0.16082</b> R
<b>Off-Peak – Summer</b>	0.02230	0.09100	0.00845	0.00044	0.00052	0.00029	0.02238 I	<b>0.14538</b> I
<b>Super Off-Peak – Summer</b>	0.02230	0.09100	0.00845	0.00044	0.00022	0.00029	(0.07958) R	<b>0.04312</b> R
<b>On-Peak – Winter</b>	0.02230	0.09100	0.00845	0.00044	0.00092	0.00029	0.08802 I	<b>0.21142</b> I
<b>Off-Peak – Winter</b>	0.02230	0.09100	0.00845	0.00044	0.00052	0.00029	(0.00397) R	<b>0.11903</b> R
<b>Super Off-Peak - Winter</b>	0.02230	0.09100	0.00845	0.00044	0.00022	0.00029	(0.07578) R	<b>0.04692</b> R

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00047) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01073) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00349 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00075 kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00421 /kWh and the EECC Rate includes a DWR Credit rate of \$(0.00152) per kWh.

(Continued)

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**SCHEDULE EPEV-Z**

Sheet 1

**DOMESTIC EXPERIMENTAL PLUG-IN ELECTRIC VEHICLE SERVICE - Z GROUP**

APPLICABILITY

This is an experimental bundled service schedule available to selected (as described in Special Condition 1) residential customers exclusively for charging a plug-in electric vehicle (PEV). The PEV must be a currently registered Motor Vehicle, as defined by the California Motor Vehicle Code. This schedule is not available to customers with a conventional charge sustaining (battery recharged solely from the vehicle's on-board generator) hybrid electric vehicle (HEV).

This experimental schedule shall remain in effect until November 30, 2012 (or until the completion of the study) after which the customer will be given the choice of otherwise applicable rate schedules. If a customer does not make an election, they will be defaulted to Schedule EV-TOU. The purpose of this experimental schedule is to better understand residential customer time-of-use charging preferences and to estimate the price elasticity of demand for PEV charging. Customers that are selected to participate will be randomly assigned to an experimental PEV rate schedule.

TERRITORY

Within the entire territory served by the utility.

RATES

Description –EPEV-Z	UDC Total (See Chart Below)	EECC Rate + DWR Credit	DWR-BC Rate	Total Rate
<b>Minimum Bill (\$/day)</b>	<b>0.170</b>			
<b>Energy Charges (\$/kWh)</b>				
<b>On-Peak – Summer</b>	<b>0.27166</b> I	0.19050 I	0.00513	0.46729 I
<b>Off-Peak – Summer</b>	<b>0.10812</b> I	0.07367 I	0.00513	0.18692 I
<b>Super Off-Peak – Summer</b>	<b>0.03189</b> R	0.04482 I	0.00513	0.08184 I
<b>On-Peak – Winter</b>	<b>0.32152</b> I	0.08439 I	0.00513	0.41104 I
<b>Off-Peak – Winter</b>	<b>0.08282</b> R	0.07647 I	0.00513	0.16442 I
<b>Super Off-Peak - Winter</b>	<b>0.03270</b> R	0.04727 I	0.00513	0.08510 I

Description – UDC Total	Transm	Distr	PPP	ND	CTC	RS	TRAC	UDC Total
<b>Minimum Bill (\$/day)</b>								<b>0.170</b>
<b>Energy Charges (\$/kWh)</b>								
<b>On-Peak – Summer</b>	0.02230	0.09100	0.00845	0.00044	0.00305	0.00029	0.14613 I	<b>0.27166</b> I
<b>Off-Peak – Summer</b>	0.02230	0.09100	0.00845	0.00044	0.00052	0.00029	(0.01488) I	<b>0.10812</b> I
<b>Super Off-Peak – Summer</b>	0.02230	0.09100	0.00845	0.00044	0.00022	0.00029	(0.09081) R	<b>0.03189</b> R
<b>On-Peak – Winter</b>	0.02230	0.09100	0.00845	0.00044	0.00092	0.00029	0.19812 I	<b>0.32152</b> I
<b>Off-Peak – Winter</b>	0.02230	0.09100	0.00845	0.00044	0.00052	0.00029	(0.04018) R	<b>0.08282</b> R
<b>Super Off-Peak - Winter</b>	0.02230	0.09100	0.00845	0.00044	0.00022	0.00029	(0.09000) R	<b>0.03270</b> R

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00047) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01073)per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00349 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00075 kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), Procurement Energy Efficiency Surcharge Rate of \$0.00421 /kWh and the EECC Rate includes a DWR Credit rate of \$(0.00152) per kWh.

(Continued)



**SCHEDULE UM**

Sheet 1

UNMETERED ELECTRIC SERVICE

APPLICABILITY

Applicable to unmetered service of industries that require single-phase bundled electric service to operate devices that may be mounted on existing Utility facilities, or other facilities approved by the Utility and are unmetered. Where the Utility determines it is impractical to provide single-phase service under this Schedule, three-phase service will be provided. Customers must execute a contract with the Utility for service under this Schedule, and must execute a Pole Attachment Agreement when devices are attached to Utility-owned facilities.

TERRITORY

Within the entire territory served.

RATES

Description	Transm	Distr	PPP	ND	CTC	RS	TRAC	DWR BC	UDC Total	EECC + DWR Credit	Total Rate
Basic Service Fee (\$/mo/device)			\$8.21								
<b>Fixed Energy Charge - \$/Device/Month</b>											
Tier	kWh/Month/Device										
1	0-50	1.25	3.48	0.57	0.02	0.16	0.01	0.26	5.75	4.79	10.54
2	51-100	2.51	6.96	1.13	0.04	0.33	0.03	0.51	11.51	9.58	21.09
3	101-150	3.76	10.44	1.70	0.07	0.49	0.04	0.77	17.27	14.37	31.64
4	151-200	5.02	13.92	2.26	0.09	0.65	0.06	1.03	23.03	19.17	42.20
5	201-250	6.27	17.39	2.83	0.11	0.82	0.07	1.28	28.77	23.95	52.72
6	251-300	7.52	20.87	3.39	0.13	0.98	0.09	1.54	34.52	28.74	63.26
7	301-350	8.78	24.35	3.96	0.15	1.14	0.10	1.80	40.28	33.54	73.82
8	351-400	10.03	27.83	4.52	0.18	1.31	0.12	2.05	46.04	38.32	84.36
9	401-450	11.29	31.31	5.09	0.20	1.47	0.13	2.31	51.80	43.12	94.92
10	451-500	12.54	34.79	5.65	0.22	1.64	0.15	2.57	57.56	47.91	105.47
11	501-900	22.57	62.62	10.17	0.40	2.94	0.26	4.62	103.58	86.23	189.81
12	901-1350	33.86	93.93	15.26	0.59	4.41	0.39	6.93	155.37	129.35	284.72
13	1351-1800	45.14	125.24	20.34	0.79	5.89	0.52	9.23	207.15	172.46	379.61
14	1801-2250	56.43	156.55	25.43	0.99	7.36	0.65	11.54	258.95	215.58	474.53
15	2251-2700	67.72	187.86	30.51	1.19	8.83	0.78	13.85	310.74	258.70	569.44

Notes: Transmission Energy Charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00047) per kWh, and Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01073) per kWh. PPP rate is composed of Low Income PPP rate of \$0.00349 /kWh; the Non-low Income PPP rate of \$0.00095 /kWh, Procurement Energy Efficiency Surcharge rate of \$0.00686 /kWh and the EECC Rate includes a DWR Credit rate of \$(0.00152) per kWh.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Transm) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Reliability Services (RS), (7) Total Rate Adjustment Component (TRAC), and (8) Department of Water Resources Bond Charge (DWR-BC). The customer's total bill will reflect the UDC Total, the Electric Energy Commodity Cost (EECC), applicable taxes and/or franchise fees, in addition to the Basic Service Fee and applicable audit cost fees.

(Continued)



**SCHEDULE EECC**

Sheet 1

ELECTRIC ENERGY COMMODITY COST

APPLICABILITY

Applicable to all customers who receive UDC bundled service. Time of Use periods are as defined in the corresponding UDC rate schedules.

TERRITORY

Applicable throughout the territory served by the Utility.

RATES

This schedule has two purposes: (1) billing UDC Bundled Service customers for commodity energy, which consists of Utility supplied electricity sold by SDG&E to its customers and Department of Water Resources (DWR) supplied electricity sold by DWR to SDG&E customers with SDG&E acting as billing agent; and (2) developing DWR and Utility Supplied Energy Percentage. The rate tables show EECC fixed billing rates for all retail rate schedules. The commodity rates do not include the DWR Bond Charge applicable under Schedule DWR-BC.

Commodity Rates

<u>Schedules DR, DM, DS, DT, DT-RV</u>	<u>(\$/kWh)</u>	
Summer		
Baseline	<b>0.10437</b>	
101% - 130% of Baseline	<b>0.10437</b>	
131% - 200% of Baseline	<b>0.10437</b>	
Above 200% of Baseline	<b>0.10437</b>	
Winter		
Baseline	<b>0.07738</b>	
101% - 130% of Baseline	<b>0.07738</b>	
131% - 200% of Baseline	<b>0.07738</b>	
Above 200% of Baseline	<b>0.07738</b>	
<u>Schedules DR-LI, and medical baseline customers</u>	<u>(\$/kWh)</u>	
Summer		
Baseline	<b>0.10437</b>	
101% to 130% of Baseline	<b>0.10437</b>	
131% to 200% of Baseline	<b>0.10437</b>	
Above 200% of Baseline	<b>0.10437</b>	
Winter		
Baseline	<b>0.07738</b>	
101% to 130% of Baseline	<b>0.07738</b>	
131% to 200% of Baseline	<b>0.07738</b>	
Above 200% of Baseline	<b>0.07738</b>	

(Continued)





**SCHEDULE EECC**

Sheet 2

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

<u>Schedules E-LI (Non-residential rate schedule)</u>	<u>(\$/kWh)</u>	
Summer	<b>0.02442</b>	
Winter	<b>0.02025</b>	
<u>Schedule DR-TOU</u>		
Summer		
On-Peak: Baseline	<b>0.21241</b>	
On-Peak: 101% to 130% of Baseline	<b>0.21241</b>	
On-Peak: 131% - 200% of Baseline	<b>0.21241</b>	
On-Peak: Above 200% of Baseline	<b>0.21241</b>	
Off-Peak: Baseline	<b>0.07926</b>	
Off-Peak: 101% to 130% of Baseline	<b>0.07926</b>	
Off-Peak: 131% to 200% of Baseline	<b>0.07926</b>	
Off-Peak: Above 200% of Baseline	<b>0.07926</b>	
Winter		
On-Peak: Baseline	<b>0.08605</b>	
On-Peak: 101% to 130% of Baseline	<b>0.08605</b>	
On-Peak: 131% to 200% of Baseline	<b>0.08605</b>	
On-Peak: Above 200% of Baseline	<b>0.08605</b>	
Off-Peak: Baseline	<b>0.07462</b>	
Off-Peak: 101% - 130% of Baseline	<b>0.07462</b>	
Off-Peak: 131% - 200% of Baseline	<b>0.07462</b>	
Off-Peak: 200% of Baseline	<b>0.07462</b>	
<u>Schedule DR-SES</u>		
Summer: On-Peak	<b>0.19283</b>	
Summer: Semi-Peak	<b>0.09131</b>	
Summer: Off-Peak	<b>0.07166</b>	
Winter: Semi-Peak	<b>0.08420</b>	
Winter: Off-Peak	<b>0.07376</b>	
<u>Schedules EV-TOU and EV-TOU-2</u>		
Summer		
On-Peak	<b>0.19202</b>	
Off-Peak	<b>0.07519</b>	
Super Off-Peak	<b>0.04634</b>	
Winter		
On-Peak	<b>0.08591</b>	
Off-Peak	<b>0.07799</b>	
Super Off-Peak	<b>0.04879</b>	

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**SCHEDULE EECC**

Sheet 3

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

<u>Schedule A</u>	<u>(\$/kWh)</u>	
Summer		
Secondary	0.11688	
Primary	0.11487	
Winter		
Secondary	0.08337	
Primary	0.08192	
 Schedule A-TC		
Summer	0.10735	
Winter	0.08226	
 <u>Schedule A-TOU and OL-TOU</u>		
Summer		
On-Peak	0.21877	
Semi-Peak	0.09056	
Off-Peak	0.06695	
Winter		
On-Peak	0.10023	
Semi-Peak	0.09322	
Off-Peak	0.06793	
 <u>Schedule AD</u>		
Summer		
Secondary	4.70	
Primary	4.63	
Winter		
Secondary	0.14	
Primary	0.14	
 <u>Energy</u>		
Summer		
Secondary	0.09162	
Primary	0.09004	
Winter		
Secondary	0.09440	
Primary	0.09276	

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**SCHEDULE EECC**

Sheet 4

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

<u>Schedule AL-TOU</u>	<u>(\$/kW)</u>	
Maximum On-Peak Demand: Summer		
Secondary	<b>6.82</b>	
Primary	<b>6.72</b>	
Secondary Substation	<b>6.82</b>	
Primary Substation	<b>6.72</b>	
Transmission	<b>6.56</b>	
Maximum On-Peak Demand: Winter		
Secondary	<b>0.22</b>	
Primary	<b>0.22</b>	
Secondary Substation	<b>0.22</b>	
Primary Substation	<b>0.22</b>	
Transmission	<b>0.21</b>	
On-Peak Energy: Summer	<u>(\$/kWh)</u>	
Secondary	<b>0.11469</b>	
Primary	<b>0.11293</b>	
Secondary Substation	<b>0.11469</b>	
Primary Substation	<b>0.11293</b>	
Transmission	<b>0.11099</b>	
Semi-Peak Energy: Summer		
Secondary	<b>0.09293</b>	
Primary	<b>0.09146</b>	
Secondary Substation	<b>0.09293</b>	
Primary Substation	<b>0.09146</b>	
Transmission	<b>0.08998</b>	
Off-Peak Energy: Summer		
Secondary	<b>0.06862</b>	
Primary	<b>0.06734</b>	
Secondary Substation	<b>0.06862</b>	
Primary Substation	<b>0.06734</b>	
Transmission	<b>0.06645</b>	
On-Peak Energy: Winter		
Secondary	<b>0.11054</b>	
Primary	<b>0.10887</b>	
Secondary Substation	<b>0.11054</b>	
Primary Substation	<b>0.10887</b>	
Transmission	<b>0.10693</b>	
Semi-Peak Energy: Winter		
Secondary	<b>0.10162</b>	
Primary	<b>0.10000</b>	
Secondary Substation	<b>0.10162</b>	
Primary Substation	<b>0.10000</b>	
Transmission	<b>0.09841</b>	

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**SCHEDULE EECC**

Sheet 5

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)  
Commodity Rates (Continued)

<u>Schedule AL-TOU</u>	<u>Continued</u>	
	(\$/kWh)	
Off-Peak Energy: Winter		
Secondary	0.07573	
Primary	0.07431	
Secondary Substation	0.07573	
Primary Substation	0.07431	
Transmission	0.07333	
<u>Schedule DG-R</u>	(\$/kWh)	
On-Peak Energy: Summer		
Secondary	0.18472	
Primary	0.18296	
Secondary Substation	0.18472	
Primary Substation	0.18296	
Transmission	0.18102	
Semi-Peak Energy: Summer		
Secondary	0.09293	
Primary	0.09146	
Secondary Substation	0.09293	
Primary Substation	0.09146	
Transmission	0.08998	
Off-Peak Energy: Summer		
Secondary	0.06862	
Primary	0.06734	
Secondary Substation	0.06862	
Primary Substation	0.06734	
Transmission	0.06645	
On-Peak Energy: Winter		
Secondary	0.11563	
Primary	0.11397	
Secondary Substation	0.11563	
Primary Substation	0.11397	
Transmission	0.11203	
Semi-Peak Energy: Winter		
Secondary	0.10162	
Primary	0.10000	
Secondary Substation	0.10162	
Primary Substation	0.10000	
Transmission	0.09841	
Off-Peak Energy: Winter		
Secondary	0.07573	
Primary	0.07431	
Secondary Substation	0.07573	
Primary Substation	0.07431	
Transmission	0.07333	

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**SCHEDULE EECC**

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

<u>Schedule AY-TOU</u>	<u>(\$/kW)</u>	
Maximum On-Peak Demand: Summer		
Secondary	<b>6.82</b>	
Primary	<b>6.72</b>	
Transmission	<b>6.56</b>	
Maximum On-Peak Demand: Winter		
Secondary	<b>0.22</b>	
Primary	<b>0.22</b>	
Transmission	<b>0.21</b>	
On-Peak Energy: Summer	<b>(\$/kWh)</b>	
Secondary	<b>0.11469</b>	
Primary	<b>0.11293</b>	
Transmission	<b>0.11099</b>	
Semi-Peak Energy: Summer		
Secondary	<b>0.09293</b>	
Primary	<b>0.09146</b>	
Transmission	<b>0.08998</b>	
Off-Peak Energy: Summer		
Secondary	<b>0.06862</b>	
Primary	<b>0.06734</b>	
Transmission	<b>0.06645</b>	
On-Peak Energy: Winter		
Secondary	<b>0.11054</b>	
Primary	<b>0.10887</b>	
Transmission	<b>0.10693</b>	
Semi-Peak Energy: Winter		
Secondary	<b>0.10162</b>	
Primary	<b>0.10000</b>	
Transmission	<b>0.09841</b>	
Off-Peak Energy: Winter		
Secondary	<b>0.07573</b>	
Primary	<b>0.07431</b>	
Transmission	<b>0.07333</b>	

(Continued)



**SCHEDULE EECC**

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

Schedule A6-TOU

	<u>(\$/kW)</u>	
Maximum Demand at Time of System Peak: Summer		
Primary	<b>8.64</b>	
Primary Substation	<b>8.64</b>	
Transmission	<b>8.43</b>	
Maximum Demand at Time of System Peak: Winter		
Primary	<b>0.06</b>	
Primary Substation	<b>0.06</b>	
Transmission	<b>0.06</b>	
On-Peak Energy: Summer		
Primary	<b>0.11293</b>	
Primary Substation	<b>0.11293</b>	
Transmission	<b>0.11099</b>	
Semi-Peak Energy: Summer		
Primary	<b>0.09146</b>	
Primary Substation	<b>0.09146</b>	
Transmission	<b>0.08998</b>	
Off-Peak Energy: Summer		
Primary	<b>0.06734</b>	
Primary Substation	<b>0.06734</b>	
Transmission	<b>0.06645</b>	
On-Peak Energy: Winter		
Primary	<b>0.10887</b>	
Primary Substation	<b>0.10887</b>	
Transmission	<b>0.10693</b>	
Semi-Peak Energy: Winter		
Primary	<b>0.10000</b>	
Primary Substation	<b>0.10000</b>	
Transmission	<b>0.09841</b>	
Off-Peak Energy: Winter		
Primary	<b>0.07431</b>	
Primary Substation	<b>0.07431</b>	
Transmission	<b>0.07333</b>	

(Continued)



**SCHEDULE EECC**

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

<u>Schedule PA-T-1</u>			
Demand: On-Peak Summer		<u>(\$/kW)</u>	
Option C			
Secondary		<b>6.97</b>	
Primary		<b>6.88</b>	
Transmission		<b>6.71</b>	
Option D			
Secondary		<b>7.27</b>	
Primary		<b>7.17</b>	
Transmission		<b>7.00</b>	
Option E			
Secondary		<b>7.12</b>	
Primary		<b>7.02</b>	
Transmission		<b>6.85</b>	
Option F			
Secondary		<b>6.82</b>	
Primary		<b>6.72</b>	
Transmission		<b>6.56</b>	
Demand: On-Peak: Winter			
Option C			
Secondary		<b>0.22</b>	
Primary		<b>0.22</b>	
Transmission		<b>0.21</b>	
Option D			
Secondary		<b>0.23</b>	
Primary		<b>0.23</b>	
Transmission		<b>0.22</b>	
Option E			
Secondary		<b>0.23</b>	
Primary		<b>0.23</b>	
Transmission		<b>0.22</b>	
Option F			
Secondary		<b>0.23</b>	
Primary		<b>0.23</b>	
Transmission		<b>0.22</b>	
On Peak Energy: Summer			
Secondary		<b>0.11469</b>	
Primary		<b>0.11293</b>	
Transmission		<b>0.11099</b>	
Semi-Peak Energy: Summer			
Secondary		<b>0.09293</b>	
Primary		<b>0.09146</b>	
Transmission		<b>0.08998</b>	
Off-Peak Energy: Summer			
Secondary		<b>0.06862</b>	
Primary		<b>0.06734</b>	
Transmission		<b>0.06645</b>	

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**SCHEDULE EECC**

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

<u>Schedule PA-T-1 (Continued)</u>	<b>(\$/kWh)</b>	
On-Peak Energy: Winter		
Secondary	<b>0.11054</b>	
Primary	<b>0.10887</b>	
Transmission	<b>0.10693</b>	
Semi-Peak Energy: Winter		
Secondary	<b>0.10162</b>	
Primary	<b>0.10000</b>	
Transmission	<b>0.09841</b>	
Off-Peak Energy: Winter		
Secondary	<b>0.07573</b>	
Primary	<b>0.07431</b>	
Transmission	<b>0.07333</b>	
<u>Schedule PA</u>	<b>(\$/kWh)</b>	
Summer	<b>0.11083</b>	
Winter	<b>0.07558</b>	
<u>Schedules LS-1, LS-2, LS-3, OL-1, and DWL</u>	<b>(\$/kWh)</b>	
All Usage	<b>0.06730</b>	
<u>Schedules OL-2</u>	<b>(\$/kWh)</b>	
All Usage	<b>0.08655</b>	

DWR Power Charge

Pursuant to CPUC Decision 13-12-004, DWR's Power Charge is 0.000 cents per kWh.

DWR Customer Return Credit

Pursuant to CPUC Decision 12-11-040, Decision 13-01-037 and Decision 13-12-004, DWR's Customer Return Credit is \$(0.00152) cents per kWh.

Franchise Fees

A Franchise Fee Differential of 5.78% will be applied to the total bills calculated under this schedule, including DWR charges, for all customers residing within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

Franchise Fees associated with DWR electricity sales will be reflected in a separate line item on customer bills titled "Franchise Fees for Electric Energy Supplied by Others".

Seasonal Periods

The seasonal periods are defined as the following:

Residential:

    Summer: May 1 – October 31  
    Winter: November 1 – April 30

All other classes:

    Summer: May 1 – September 30  
    Winter: October 1 – April 30

(Continued)





**SCHEDULE EECC-CPP-D**  
**ELECTRIC COMMODITY COST**  
**CRITICAL PEAK PRICING DEFAULT**

Sheet 2

RATES (Continued)

<b>Non-CPP-Event Days</b>	<b>(\$/kWh)</b>	
<b>Summer</b>		
On-Peak		
Secondary	<b>0.11088</b>	
Primary	<b>0.10912</b>	
Secondary Substation	<b>0.11088</b>	
Primary Substation	<b>0.10912</b>	
Transmission	<b>0.10718</b>	
Semi-Peak		
Secondary	<b>0.08913</b>	
Primary	<b>0.08766</b>	
Secondary Substation	<b>0.08913</b>	
Primary Substation	<b>0.08766</b>	
Transmission	<b>0.08618</b>	
Off-Peak		
Secondary	<b>0.06482</b>	
Primary	<b>0.06354</b>	
Secondary Substation	<b>0.06482</b>	
Primary Substation	<b>0.06354</b>	
Transmission	<b>0.06265</b>	
<b>Winter</b>		
On-Peak		
Secondary	<b>0.10671</b>	
Primary	<b>0.10505</b>	
Secondary Substation	<b>0.10671</b>	
Primary Substation	<b>0.10505</b>	
Transmission	<b>0.10311</b>	
Semi-Peak		
Secondary	<b>0.09781</b>	
Primary	<b>0.09618</b>	
Secondary Substation	<b>0.09781</b>	
Primary Substation	<b>0.09618</b>	
Transmission	<b>0.09459</b>	
Off-Peak		
Secondary	<b>0.07192</b>	
Primary	<b>0.07050</b>	
Secondary Substation	<b>0.07192</b>	
Primary Substation	<b>0.07050</b>	
Transmission	<b>0.06952</b>	
<b>Capacity Reservation Charge (\$/kW per Month)</b>		
Secondary	<b>6.33</b>	
Primary	<b>6.00</b>	
Secondary Substation	<b>6.33</b>	
Primary Substation	<b>6.00</b>	
Transmission	<b>5.78</b>	

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PTR	Peak Time Rebate .....	24102, 22926, 23475, 24103-E
CRE	Customer Renewable Energy.....	20882, 20883-E
NEM-V	Virtual Net Metering for Multi-Tenant and Meter Properties.....	23222, 22934, 23333, 23334, 23965-E 24531, 23967-E
VNM-A	Virtual Net Metering for Multi-Family Affordable Housing.....	22385, 22402, 22403, 22404, 22405-E 24532, 24533-E
ECO	Energy Credit Option.....	21280, 21281, 21282, 21283-E
SPSS	Station Power Self Supply.....	21625, 21626, 21627, 21628-E
CHP	Combined Heat and Power.....	22625, 22626-E
GHG-ARR	Greenhouse Gas Allowance Rate Return.....	24543, 24544-E
	<u>Commodity Rates</u>	
EECC	Electric Energy Commodity Cost.....	24691, 24692,24693, 24694, 24695-E 24696, 24697, 24698, 24699, 20563-E 24469,24338-E
EECC-TBS	Electric Energy Commodity Cost – Transitional Bundled Service.....	22903, 22904, 16432, 19750-E
EECC-CPP-D	Electric Energy Commodity Cost – Critical Peak Pricing Default	24551, 24700, 24341, 20580, 24470-E 22927, 22928, 22929-E
EECC-CPP-D-AG	Electric Commodity Cost, Critical Peak Pricing Default Agricultural	24553, 24554, 24344, 24472, 24473, 24474, 24348, 24349-E
LIST OF CONTRACTS AND DEVIATIONS.....		14296, 5488, 5489, 6205, 6206, 5492-E 16311, 22320, 5495, 6208, 6209, 8845-E 6109, 5902, 5750, 8808, 8809, 6011-E 8001, 8891, 23407, 22533-E

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(Continued)

**Appendix B**  
**2014 NGBA Update**  
**AL 2670**

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



**Advice Letter: 2670-E**

December 12, 2014

San Diego Gas and Electric  
Attention: Megan Caulson  
Regulatory Tariff Manager  
8330 Century Park Court, Room 32  
San Diego, CA 92123-1548

**SUBJECT: ANNUAL NON-FUEL GENERATION BALANCING ACCOUNT UPDATE**

Dear Ms. Caulson:

Advice Letter 2670-E is effective as of December 19, 2014, with specified rates effective as of January 1, 2015. Balances in all accounts authorized for recovery are subject to audit, verification and adjustment.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph  
Director, Energy Division



Clay Faber - Director  
Regulatory Affairs  
8330 Century Park Court  
San Diego, CA 92123-1548

Tel: 858-654-3563  
Fax: 858-654-1788  
CFaber@semprautilities.com

November 19, 2014

**ADVICE LETTER 2670-E**  
(U 902-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

**SUBJECT: ANNUAL NON-FUEL GENERATION BALANCING ACCOUNT UPDATE**

**PURPOSE**

The purpose of this Advice Letter ("AL") is to request California Public Utilities Commission ("Commission") approval of San Diego Gas & Electric Company's ("SDG&E") 2015 Non-Fuel Generation Balancing Account ("NGBA") revenue requirement excluding any changes for the San Onofre Nuclear Generating Station ("SONGS"). As discussed below, without prejudicing the outcome of I.12-10-013, SDG&E intends to submit a separate advice letter addressing the implementation of SONGS Order Instituting Investigation<sup>1</sup> ("SONGS OI") Settlement Agreement and resulting NGBA revenue requirement. The NGBA revenue requirement reflects updates to SDG&E's Generation Plants and on-going revenue requirement for the utility-owned generation ("UOG") portion of SDG&E's Solar Photovoltaic Program. Additionally, this filing includes the forecasted year-end Solar Energy Project Balancing Account ("SEPBA") balance for amortization in January 1, 2015 rates as authorized by the Commission.

**DISCUSSION**

The NGBA applies to SDG&E's bundled service customers and provides recovery of approved electric generation non-fuel costs not being recovered by another component of SDG&E's electric rates. Currently, SDG&E has ownership interest in SONGS, Miramar Energy Facilities ("MEF") I & II, Palomar Energy Center facility ("Palomar"), Desert Star Energy Center ("Desert Star"), Cuyamaca Peak Energy Plant ("CPEP"), and the UOG portion of SDG&E's Solar Photovoltaic Program, of which the non-fuel revenue requirement is reflected in the NGBA.

The revenue requirement adjustments described in this Advice Letter have received prior Commission authorization, and are presented in this filing to produce SDG&E's NGBA revenue requirement effective January 1, 2015. The NGBA revenue requirement for SONGS excludes any impacts that may result from the Commission's conclusion of I.12-10-013, which remains pending at the time of this filing. As a result, the "Proposed 2015" values presented in Attachment A related to SONGS and prior year balances to be included in rates related to NGBA and SONGSBA are set equal to current 2014 values. If the SONGS Settlement Agreement in I.12-10-013 is approved, SDG&E will address the resulting SONGS revenue

---

<sup>1</sup> Investigation ("I.") 12-10-013.



requirement, including the transfer of projected year-end balances for NGBA and SONGS Balancing Account ("SONGSBA"), and present the actual 2015 values related to SONGS for recovery in January 1, 2015 rates in a separate advice letter.

The updated NGBA revenue requirement presented in this Advice Letter will be included in SDG&E's Electric Consolidated Filing in December 2014 to implement January 1, 2015 Electric Rates. A summary of the NGBA revenue requirement for 2015 and a summary of present and proposed class average rates are included herein as Attachments A and B respectively.

In this filing, SDG&E proposes a net \$1.4 million (without franchise fees and uncollectible expense ("FF&U")) decrease to the NGBA revenue requirement, effective January 1, 2015.

### **MIRAMAR ENERGY FACILITIES ("MEF") I & II AND PALOMAR**

The 2015 SDG&E generation revenue requirement for MEF I & II and Palomar is \$135.8 million, a \$3.6 million increase to the revenue requirement currently in rates due to 2.75% attrition as approved in SDG&E's 2012 General Rate Case ("GRC"), Decision ("D.") 13-05-010.

### **DESERT STAR ENERGY CENTER**

The 2015 Desert Star revenue requirement is \$70.6 million, a \$1.9 million increase to the revenue requirement currently in rates due to 2.75% attrition as approved in SDG&E's 2012 GRC, D.13-05-010.

### **CUYAMACA PEAK ENERGY PLANT ("CPEP")**

The 2015 revenue requirement for CPEP is \$4.4 million, a \$0.1 million increase over revenue requirement currently in rates due to attrition as approved in SDG&E's 2012 GRC, D.13-05-010.

### **SOLAR ENERGY PROJECT ("SEP")**

Per AL 2210-E, pursuant to D.10-09-016, SDG&E is approved a 2015 revenue requirement of \$0.6 million, which SDG&E includes in this filing.

### **AMORTIZATION OF DECEMBER 31, 2014 BALANCE**

In accordance with the SEPBA tariff, the SEPBA balance shall be transferred annually to the NGBA. The projected December 31, 2014 SEPBA balance to be transferred as of the date of this filing is a \$0.3 million over-collection which will be amortized over 12 months beginning January 1, 2015.

Pursuant to D.13-01-005, SDG&E filed AL 2514-E to transfer the balance in the Cuyamaca Peak Energy Plant Memorandum Account ("CPEPMA") to the NGBA and eliminate the CPEPMA effective January 1, 2014. The elimination of the CPEPMA and roll-off of the 2014 amortization results in a \$7.0 million decrease from current rates.

**RATE IMPACT**

The non-SONGS-related NGBA revenue requirements decreased by \$1.4 million, including FF&U. As a result, SDG&E's total system average electric rates will decrease by approximately 0.008 cents/kWh or -0.04% from currently effective rates.

This filing will not create any deviations from SDG&E's tariffs, cause withdrawal of service from any present customers, or impose any more restrictive conditions.

**PROTEST**

Anyone may protest this Advice Letter to the California Public Utilities Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received by December 11, 2014 which is 20 days of the date this Advice Letter was filed with the Commission. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue  
San Francisco, CA 94102

Copies of the protest should also be sent via e-mail to the attention of the Energy Division at [EDTariffUnit@cpuc.ca.gov](mailto:EDTariffUnit@cpuc.ca.gov). A copy of the protest should also be sent via both e-mail and facsimile to the address shown below on the same date it is mailed or delivered to the Commission.

Attn: Megan Caulson  
Regulatory Tariff Manager  
8330 Century Park Court, Room 32C  
San Diego, CA 92123-1548  
Facsimile No. (858) 654-1879  
E-mail: [mcaulson@semprautilities.com](mailto:mcaulson@semprautilities.com)

**EFFECTIVE DATE**

SDG&E believes this filing is subject to Energy Division disposition and should be classified as Tier 2 (effective after staff approval) pursuant to GO 96-B. SDG&E respectfully requests that this filing be approved effective December 19, 2014, 30 days from the date filed.

**NOTICE**

A copy of this filing has been served on the utilities and interested parties shown on the attached list by either providing them a copy electronically or by mailing them a copy hereof, properly stamped and addressed.

Address changes should be directed to SDG&E Tariffs by facsimile at (858) 654-1879 or by e-mail at [SDG&ETariffs@semprautilities.com](mailto:SDG&ETariffs@semprautilities.com).

Sincerely,

---

CLAY FABER  
Director – Regulatory Affairs

# CALIFORNIA PUBLIC UTILITIES COMMISSION

## ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SAN DIEGO GAS & ELECTRIC (U 902)**

Utility type:

ELC

GAS

PLC

HEAT

WATER

Contact Person: Joff Morales

Phone #: (858) 650-4098

E-mail: jmorales@semprautilities.com

### EXPLANATION OF UTILITY TYPE

ELC = Electric

GAS = Gas

PLC = Pipeline

HEAT = Heat

WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2670-E

Subject of AL: Annual Non-Fuel Generation Balancing Account

Keywords (choose from CPUC listing): Balancing Account, Annual Non-Fuel

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: None

Summarize differences between the AL and the prior withdrawn or rejected AL<sup>1</sup>: N/A

Does AL request confidential treatment? If so, provide explanation:

Resolution Required?  Yes  No

Tier Designation:  1  2  3

Requested effective date: 12/19/2014

No. of tariff sheets: 0

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: N/A

Service affected and changes proposed<sup>1</sup>: N/A

Pending advice letters that revise the same tariff sheets: None

**Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:**

**CPUC, Energy Division**

**Attention: Tariff Unit**

**505 Van Ness Ave.,**

**San Francisco, CA 94102**

**EDTariffUnit@cpuc.ca.gov**

**San Diego Gas & Electric**

**Attention: Megan Caulson**

**8330 Century Park Ct, Room 32C**

**San Diego, CA 92123**

**mcaulson@semprautilities.com**

<sup>1</sup> Discuss in AL if more space is needed.

General Order No. 96-B  
ADVICE LETTER FILING MAILING LIST

cc: (w/enclosures)

Public Utilities Commission

DRA

Y. Schmidt  
W. Scott

Energy Division

P. Clanon  
S. Gallagher  
H. Gatchalian  
D. Lafrenz  
M. Salinas

CA. Energy Commission

F. DeLeon  
R. Tavares

Alcantar & Kahl LLP

K. Harteloo

American Energy Institute

C. King

APS Energy Services

J. Schenk

BP Energy Company

J. Zaiontz

Barkovich & Yap, Inc.

B. Barkovich

Bartle Wells Associates

R. Schmidt

Braun & Blaising, P.C.

S. Blaising

California Energy Markets

S. O'Donnell  
C. Sweet

California Farm Bureau Federation

K. Mills

California Wind Energy

N. Rader

CCSE

S. Freedman  
J. Porter

Children's Hospital & Health Center

T. Jacoby

City of Chula Vista

M. Meacham  
E. Hull

City of Poway

R. Willcox

City of San Diego

J. Cervantes  
G. Lonergan  
M. Valerio

Commerce Energy Group

V. Gan

Constellation New Energy

W. Chen

CP Kelco

A. Friedl

Davis Wright Tremaine, LLP

E. O'Neill  
J. Pau

Dept. of General Services

H. Nanjo  
M. Clark

Douglass & Liddell

D. Douglass  
D. Liddell  
G. Klatt

Duke Energy North America

M. Gillette

Dynegy, Inc.

J. Paul

Ellison Schneider & Harris LLP

E. Janssen

Energy Policy Initiatives Center (USD)

S. Anders

Energy Price Solutions

A. Scott

Energy Strategies, Inc.

K. Campbell  
M. Scanlan

Goodin, MacBride, Squeri, Ritchie & Day

B. Cragg  
J. Heather Patrick  
J. Squeri

Goodrich Aerostructures Group

M. Harrington

Hanna and Morton LLP

N. Pedersen

Itsa-North America

L. Belew

J.B.S. Energy

J. Nahigian

Luce, Forward, Hamilton & Scripps LLP

J. Leslie

Manatt, Phelps & Phillips LLP

D. Huard  
R. Keen

Matthew V. Brady & Associates

M. Brady

Modesto Irrigation District

C. Mayer

Morrison & Foerster LLP

P. Hanschen

MRW & Associates

D. Richardson

OnGrid Solar

Andy Black

Pacific Gas & Electric Co.

J. Clark  
M. Huffman  
S. Lawrie  
E. Lucha

Pacific Utility Audit, Inc.

E. Kelly

R. W. Beck, Inc.

C. Elder

School Project for Utility Rate  
Reduction

M. Rochman  
Shute, Mihaly & Weinberger LLP

O. Armi

Solar Turbines

F. Chiang

Sutherland Asbill & Brennan LLP

K. McCrea

Southern California Edison Co.

M. Alexander

K. Cini

K. Gansecki

H. Romero

TransCanada

R. Hunter

D. White

TURN

M. Florio  
M. Hawiger

UCAN

M. Shames

U.S. Dept. of the Navy

K. Davoodi

N. Furuta

L. DeLacruz

Utility Specialists, Southwest, Inc.

D. Koser

Western Manufactured Housing

Communities Association

S. Dey

White & Case LLP

L. Cottle

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**Advise Letter 2670-E**  
**ATTACHMENT A**  
**2015 NGBA REVENUE REQUIREMENT**  
(\$000, excluding FF&U)

	Proposed 2015		Current Authorized AL 2535-E 2014	Total Change
<b>SONGS</b>				
Non-fuel Operations & Maintenance Revenue Requirement	123,540	1\	123,540	0
Non-fuel Capital-related Revenue Requirement	41,239	1\	41,239	0
SONGS Unit 2 SGRP Installation Revenue Requirement	15,395	1\	15,395	0
SONGS Unit 3 SGRP Installation Revenue Requirement	12,477	1\	12,477	0
<b>SONGS Total</b>	<b>192,652</b>		<b>192,652</b>	<b>0</b>
<b>SDG&amp;E Generation</b>				
SDG&E Generation - Miramar I, Miramar II, & Palomar Desert Star Energy Center	135,790	2\	132,156	3,634
Cuyamaca Peak Energy Plant	70,581	2\	68,692	1,889
	4,422	2\	4,304	118
<b>SDG&amp;E Generation Total</b>	<b>210,793</b>		<b>205,152</b>	<b>5,641</b>
Solar Energy Project (SEP) Revenue Requirement	567	3\	567	0
<b>Authorized NGBA Revenue Requirement</b>	<b>404,012</b>		<b>398,370</b>	<b>5,641</b>
<b>Prior Year Balances to be Included in rates</b>				
NGBA	17,096	4\	17,096	0
SONGSBA	(26,128)	5\	(26,128)	0
Solar Energy Project Balancing Account (SEPBA)	(295)	6\	(261)	(34)
Cuyamaca Peak Energy Plant Memo Acct (CPEPMA)	0		7,009	7\ (7,009)
<b>Amortization of December 31 Balances</b>	<b>(9,327)</b>		<b>(2,285)</b>	<b>(7,042)</b>
<b>NGBA Revenue Requirement effective 1/1/2015 without FF&amp;U and Excluding SONGS Revenue Requirement</b>	<b>394,685</b>	8\	<b>396,085</b>	<b>(1,401)</b>

**Notes:**

1\ SDG&E proposes to address SONGS revenue requirement in a separate advice letter detailing the implementation of the SONGS Amended and Restated Settlement Agreement, as a result the "Proposed 2015" values presented here are equal to current 2014 values and do not reflect attrition adjustments.

2\ Proposed 2015 amount includes annual escalation rate of 2.75% per D.13-05-010.

3\ Authorized in D.10-09-016.

4\ NGBA 2014 year-end transfer balance to be addressed at the same time as SONGS revenue requirement as indicated in Note 1\ , as a result the "Proposed 2015" values presented here are equal to current 2014 values.

5\ SONGSBA 2014 year-end transfer balance to be addressed at the same time as SONGS revenue requirement as indicated in Note 1\ , as a result the "Proposed 2015" values presented here are equal to current 2014 values.

6\ Under SDG&E's tariffs, the balance is transferred annually to the NGBA.

7\ Consolidated Filing AL 2564-E 12/30/2013. CPEPMA transfer to NGBA approved on 12/23/2013 in AL 2514-E.

8\ Amount including FF&U is \$399,491. Franchise fee factor is 1.031% and uncollectible factor is .174% which computes to a 1.012 gross-up factor 1/(1.01031-.00174).

**SAN DIEGO GAS & ELECTRIC COMPANY - ELECTRIC DEPARTMENT**  
**ATTACHMENT B**  
**SDG&E Advice Letter 2670-E**  
**CLASS AVERAGE RATES**

Rates Effective 8/1/2014  
AL 2632-E + AL 2632-E-A

2015 NGBA Revenue Requirement

	Current Total UDC Rate (¢/KWhr)	Current Avg. Commodity + DWR Credit (¢/KWhr)	Current Total Rate (¢/KWhr)	Total UDC Rate (¢/KWhr)	Avg. Commodity + DWR Credit (¢/KWhr)	Total Rate (¢/KWhr)	Total Rate Change (¢/KWhr)	Total Rate Change (%)
Residential <sup>1</sup>	9.340	11.175	20.515	9.340	11.167	20.507	(0.008)	-0.04%
Small Commercial	12.632	11.183	23.815	12.632	11.175	23.807	(0.008)	-0.03%
Med&Lg C&I	8.243	10.919	19.162	8.243	10.911	19.154	(0.008)	-0.04%
Agriculture	10.059	9.519	19.578	10.059	9.512	19.571	(0.007)	-0.04%
Lighting	10.441	7.013	17.454	10.441	7.008	17.449	(0.005)	-0.03%
System Total	9.109	11.013	20.122	9.109	11.005	20.114	(0.008)	-0.04%

**CLASS AVERAGE RATES**  
**EXCLUDING CALIFORNIA CLIMATE CREDIT**

	Current Total UDC Rate (¢/KWhr)	Current Avg. Commodity + DWR Credit (¢/KWhr)	Current Total Rate (¢/KWhr)	Total UDC Rate (¢/KWhr)	Avg. Commodity + DWR Credit (¢/KWhr)	Total Rate (¢/KWhr)	Total Rate Change (¢/KWhr)	Total Rate Change (%)
Residential <sup>2</sup>	10.472	11.175	21.647	10.472	11.167	21.639	(0.008)	-0.04%
System Total	9.535	11.013	20.548	9.535	11.005	20.540	(0.008)	-0.04%

DWR-BC rate is reflected in the Average UDC rate.

<sup>1</sup>UDC includes residential California Climate Credit which is received semi-annually

<sup>2</sup>UDC excludes residential California Climate Credit which is received semi-annually

**Appendix C**  
**SONGS OII Implementation**  
**AL 2672**



## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



March 10, 2015

Clay Faber  
Director, Regulatory Affairs  
San Diego Gas & Electric Company  
8330 Century Park Court  
San Diego, CA 92123

**Subject: Energy Division staff disposition of SDG&E's Advice Letter 2672-E**

Dear Mr. Faber:

San Diego Gas & Electric Company (SDG&E) Advice Letter (AL) 2672-E, which was filed as a Tier 2 Advice Letter to establish certain revenue requirements and refunds related to the San Onofre Nuclear Generating Station (SONGS) Units 2 and 3, is approved in light of the Commission's approval of a modified Settlement Agreement in D.14-11-040 for Order Instituting Investigation OII I.12-10-013. AL 2672-E is effective January 1, 2015, as requested.

**Background:**

SDG&E submitted AL 2672-E on November 26, 2014 to implement the SONGS OII I.12-10-013 decision D.14-11-040 revenue requirements and refunds related to SONGS Units 2 and 3. Because the advice letter would implement refunds to customers resulting from D.14-11-040, the CPUC did not want to delay ratemaking action by SDG&E and tentatively made AL 2672-E effective January 1, 2015 pending further review by Energy Division of the CPUC.

The Coalition to Decommission San Onofre submitted a protest to this advice letter on December 15, 2014. An e-mail was issued by CPUC Energy Division on December 23, 2014 informing parties that upon further review the protest would be addressed.

In its protest, the Coalition states that AL 2672-E and its supporting workpapers are complex, there is insufficient substantiation for the monetary amounts provided in the advice letter, and requests a hearing to review and audit the settlement agreement and its implementation.

On December 23, 2014, SDG&E issued a reply to the protest by the Coalition. SDG&E replied that D.14-11-040, which approved the modified Settlement Agreement, directed the utilities (SCE and SDG&E) in Ordering Paragraph 3 to file advice letters to implement changes to their revenue requirements. SDG&E stated that the figures set forth in AL 2672-E are supported by the information contained in the advice letter and associated workpapers.

Clay Faber  
March 10, 2015  
Page 2

**AL 2672-E is approved in light of D.14-11-040, which requires that SDG&E shall file an advice letter to implement its adjustments to revenue requirements associated with SONGS Units 2 and 3.**

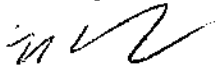
A modified Settlement Agreement (SA) for the SONGS OII was filed with the CPUC by certain parties in the proceeding in September 2014. On November 20, 2014, the Commission adopted D.14-11-040, which approved the modified SONGS OII SA. The modified SA approved by D.14-11-040 requires that all revenues collected by SDG&E after February 1, 2012 for the Steam Generator Replacement Project shall be returned to ratepayers. D.14-11-040 withdrew a Proposed Decision in Phases 1 and 1A of the SONGS OII that addressed the SONGS-related recorded expenditures in 2012, which had been issued in November 2013. Phases 2 and 3 of the SONGS OII were never developed, and become moot with the adoption of D.14-11-040 on November 20, 2014. D.14-11-040 addresses which recorded expenses in 2012 and 2013 are authorized, as well as removal of SONGS Units 2 and 3 from rate base and recovery of remaining assets over a certain period at a reduced rate of return.

The CPUC's Energy Division has reviewed the amounts and figures provided in AL 2672-E and associated workpapers. Energy Division has determined that there is sufficient information to reconcile the revenue requirement adjustments to the terms of the modified Settlement Agreement, and the advice letter is in compliance with D.14-11-040. There is no basis for additional discovery or hearings.

The protest by the Coalition is denied.

If you have any questions please contact Eric Greene of the Energy Division (415-703-5560).

Sincerely,



Edward Randolph  
Director, Energy Division  
California Public Utilities Commission

cc: Coalition to Decommission San Onofre



Clay Faber  
Director – Regulatory Affairs  
8330 Century Park Court  
San Diego, CA 92123-1548

Tel: 858-654-3563  
Fax: 858-654-1788  
CFaber@semprautilities.com

November 26, 2014

**ADVICE LETTER 2672-E**  
(U 902-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

**SUBJECT: IMPLEMENTATION OF ORDER INSTITUTING INVESTIGATION (I.12-10-013)  
AMENDED AND RESTATED SONGS SETTLEMENT AGREEMENT REVENUE  
REQUIREMENT PURSUANT TO D.14-11-040**

San Diego Gas & Electric Company (“SDG&E”) hereby submits this Tier 2 Advice Letter to establish the revenue requirement for the San Onofre Nuclear Generating Station (“SONGS”) Amended and Restated Settlement Agreement (“Settlement Agreement” or “Settlement”) approved by the California Public Utilities Commission (“Commission”) by D.14-11- 040.

In light of the extension, granted to SDG&E on November 21, 2014 via email by the Commission’s Executive Director, from the filing requirements outlined in Ordering Paragraph (“OP”) 3(d)(i) of D.14-11-040, SDG&E’s filing of this Tier 2 Advice Letter is timely.<sup>1</sup>

**PURPOSE**

In compliance with D.14-11-040, adopted by the Commission on November 20, 2014, SDG&E respectfully submits this Tier 2 Advice Letter to the Commission to implement the revenue requirement established by the Settlement Agreement and includes:

1. Estimates of the Settlement Agreement revenue requirements, effective February 1, 2012;
2. Estimates of the net refund amounts as required by the Settlement Agreement for the period February 1, 2012, through December 31, 2014, to credit balancing accounts;
3. Explanations for the recovery of net market costs incurred to replace SONGS generation;
4. Procedures for implementing the annual SONGS Settlement Agreement revenue requirement in rates in each subsequent year throughout the ten-year SONGS settlement period;<sup>2</sup>

---

<sup>1</sup> OP 3(d)(i) of D.14-11-040 states that SDG&E “shall file its 2014 Non-[Fuel] Generation Balancing Account (NGBA) Advice Letter no later than November 21, 2014, with revised revenue requirements that reflect this decision, in addition to NGBA recorded amounts as of October 31, 2014.” D.14-11-040 was approved by the Commission on November 20, 2014. In addition, SDG&E had already filed its 2014 Annual NGBA Update Advice Letter, AL 2670-E, absent any SONGS revenue requirements, on November 19, 2014. The extension allows SDG&E to file this Tier 2 Advice Letter on or before November 26, 2014 separate from the already-pending AL 2670-E.

<sup>2</sup> Pursuant to Section 4.3(a)(i) of the Settlement Agreement, the ten-year SONGS settlement period starts February 1, 2012 and ends February 1, 2022.

5. An explanation of transfers to the Energy Resource Recovery Account (“ERRA”) and Non-Fuel Generation Balancing Account (“NGBA”);
6. A request to discontinue the Quarterly Report;
7. Explanation for the retirement of a memorandum account; and
8. A statement of the rate impact resulting from the Settlement Agreement.

## **BACKGROUND**

On November 1, 2012, the Commission issued the Order Instituting Investigation (“OII”) I.12-10-013 to investigate the extended outages at SONGS and to examine the causes of the outages, the response and the future operations of the SONGS units as part of a review of Southern California Edison’s (“SCE”) actions, and to assess what costs, if any, are appropriate for recovery from ratepayers.

On June 7, 2013, SCE announced that SONGS 2&3 would not restart. On June 12, 2013, SCE submitted a Certification of Permanent Cessation of Power Operations to the Nuclear Regulatory Commission (“NRC”), certifying that SCE had permanently ceased power operations of SONGS Unit 2&3.

On April 3, 2014, SCE, SDG&E, The Utility Reform Network (“TURN”), the Office of Ratepayer Advocates (“ORA”), Friends of the Earth, and the Coalition of California Utility Employees (collectively, “the Joint Parties”) filed a joint motion for the adoption of a settlement agreement that would resolve all issues in the SONGS OII, and all proceedings that have been consolidated therewith (including A.13-01-016, A.13-03-005, A.13-03-013, and A.13-03-014). On September 24, the Joint Parties filed the Amended and Restated Settlement Agreement, which incorporates modifications as proposed by the September 5, 2014 Assigned Commissioner’s Ruling.

In broad terms, the Settlement:

- Prohibits rate recovery of the capital investment in the Steam Generator Replacement Project (“SGRP”) as of February 1, 2012, the day after the Unit 3 steam generator tube leak;
- Requires SCE and SDG&E (“the Utilities”) to remove all remaining SONGS investments from rate base as of February 1, 2012, and permits recovery of those investments, as well as Construction Work in Progress (“CWIP”), Materials and Supplies (“M&S”), and Nuclear Fuel Investment, generally over ten years at a reduced rate of return;
- Authorizes the Utilities to recover all SONGS-related replacement power costs;
- Authorizes the Utilities to recover their provisionally authorized SONGS-related O&M and Non-O&M expenses for 2012, 2013 and 2014; and
- Establishes a sharing formula for the division of potential proceeds from Nuclear Electric Insurance Limited (“NEIL”) and Mitsubishi Heavy Industries, Inc., and related entities (collectively “MHI”), between the Utilities and ratepayers.

SDG&E is filing this Tier 2 Advice Letter in compliance with OP 3 of D.14-11-040 to implement changes to its revenue requirements consistent with the terms of the Settlement Agreement. In

addition, this Tier 2 Advice Letter fulfills additional requirements outlined in D.14-11-040 and the Settlement Agreement.<sup>3</sup>

Consistent with D.14-11-040 and Section 6.1, SDG&E is contemporaneously submitting a separate Tier 1 advice letter to make all of the Preliminary Statement (i.e., tariff) changes necessary to implement the Settlement Agreement within 30 days of the Effective Date (November 20, 2014) of D.14-11-040.<sup>4</sup> SDG&E is also submitting a separate Tier 2 advice letter in accordance with OP 3(e) showing its calculation of the Power Charge Indifference Amount for Direct Access customers.

## **SETTLEMENT IMPLEMENTATION**

SDG&E's implementation of the Settlement is described below.

### **1) SETTLEMENT REVENUE REQUIREMENT: CAPITAL, O&M AND NON-O&M**

The Settlement Agreement does not allow recovery of any SGRP-related costs as of February 1, 2012. Thus, SDG&E will refund to ratepayers all amounts collected in rates through a credit entry to the ERRAs as addressed below in Section 2, the Net Refund Section of this Advice Letter.

The Settlement Agreement allows SDG&E to recover its net investment of all non-SGRP capital investments, including CWIP, M&S, and Nuclear Fuel Investment. As discussed in more detail below, the SONGS-related capital investment is to be recovered over a ten-year period at a reduced rate of return.

The Settlement Agreement allows SDG&E to recover the net investment of the following:

- Base Plant – Remaining non-SGRP net investment as defined in Section 2.6 of the Settlement Agreement, over a ten-year period ending on February 1, 2022, at a reduced rate of return.
  - \$158.3 million as of February 1, 2012<sup>5</sup>

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<sup>3</sup> Sections 4.9(k) and 6.3 provide that, in determining the provisionally authorized revenue requirement for Non-O&M Expenses pursuant to Sections 4.9(b), 4.9(i) and 4.9(j), the Utilities shall utilize a formula agreeable to all Settling Parties for allocating company-wide expenses to SONGS. SDG&E states that it does not allocate any company-wide expenses to SONGS as Non-O&M Expenses and therefore, no formula is needed.

Section 6.3 of the Settlement states that the Utilities shall provide in the Tier 2 Advice Letter “documentation of any revised calculations of the revenue requirement for CWIP referred to in Section 4.8 based on changes in the Authorized Cost of Debt and the Authorized Cost of Preferred Stock.” SDG&E states that its authorized rates have not changed and, therefore, have not resulted in any changes to the CWIP revenue-requirement calculation.

<sup>4</sup> Section 6.1 of the Settlement Agreement and OP 3(a) of D.14-11-040 state that the tariff sheets shall become effective on filing.

<sup>5</sup> This calculation is as of October 31, 2014 and includes \$50.8 million of “CWIP Belonging in Plant” pursuant to SDGE-16 as updated through additional analytical efforts with SCE. This figure is excluded from CWIP figures.

- Cancelled Construction Work In Progress – The estimated<sup>6</sup> balance of Cancelled CWIP as defined in Section 2.13 of the Settlement Agreement over a ten-year period ending on February 1, 2022.
  - \$17.0 million as of February 1, 2012
- Completed Construction Work In Progress – The estimated balance of Completed CWIP as defined in Section 2.13 of the Settlement Agreement over the earlier of the date such Completed CWIP was placed in service or the Effective Date of the Settlement Agreement.
  - \$50.7 million as of October 31, 2014, excluding any amortization prior to such date for Completed CWIP placed in service prior to such date.
- Materials & Supplies – The balance of the M&S investment as defined in Section 2.21 of the Settlement Agreement over a ten-year period ending on February 1, 2022.
  - \$10.4 million as of October 31, 2014
- Nuclear Fuel Investment – The balance of the Nuclear Fuel Investment as of October 31, 2014, as defined in Section 2.30 of the Settlement Agreement over a ten-year period ending on February 1, 2022.
  - \$121.5 million as of October 31, 2014<sup>7</sup>

For the Base Plant, CWIP, and M&S, the Settlement Agreement<sup>8</sup> requires that the Utilities earn a rate of return calculated as each Utility's authorized cost of debt plus 50% of each Utility's authorized cost of preferred stock, weighted by the amount of debt and preferred stock in each utility's authorized capital structure. This rate of return does not include any return on equity. Therefore, the rate of return SDG&E is allowed for 2012 is 2.75%, and 2.35% for both 2013 and 2014.<sup>9</sup> For Nuclear Fuel Investment, SDG&E shall earn a return on their unrecovered investment by using the three month commercial paper rate as reported in the Federal Reserve Statistical Release or its successor.<sup>10</sup> In addition, SDG&E will recover income taxes associated with its preferred equity return in accordance with Section 4.3(i) of the Settlement Agreement.

The Settlement Agreement allows SDG&E to retain the 2012 O&M revenue requirement provisionally authorized for SDG&E in the SCE Test Year 2012 GRC (D.12-11-051) and the SDG&E Test Year 2012 GRC (D.13-05-010). SDG&E is allowed to retain non-O&M expenses, as defined in Section 2.28 of the Settlement Agreement, provisionally authorized in D.12-11-051 and D.13-05-010, but is required to refund authorized amounts that exceed the recorded non-O&M expenses.

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<sup>6</sup> Figure estimated based on CWIP balance excluding "CWIP Belonging in Plant"<sup>1</sup> and the June 30, 2014, ratio of Cancelled / Non-Cancelled AFUDC on CWIP as determined through additional analytical efforts with SCE.

<sup>7</sup> Includes \$3.6 million of incurred Fuel Cancellation Costs.

<sup>8</sup> Base Plant (Sections 4.3 (g) and (h)); CWIP (Section 4.8 (a)(i)(D) and a(ii)(D)); and M&S (Section 4.5 (a)).

<sup>9</sup> With respect to the unrecovered CWIP balance, Section 4.4 of the Settlement Agreement allows the Utilities an option to exclude the Regulatory Assets established by the Settlement from their regulated capital structure. Such exclusion does not affect the rates of return calculated by SDG&E to comply with the Settlement.

<sup>10</sup> Section 4.6(b) of the Settlement Agreement.

For 2013, SDG&E is authorized to recover the recorded O&M, all costs associated with severance of employees at SONGS or resulting from the permanent shut down at SONGS, incremental steam generator inspection and repair costs, and non-O&M expenses up to the amounts authorized in D.12-11-051 and D.13-05-010.

Section 4.9(i) provides that SDG&E will refund the difference between its 2014 recorded and its provisionally authorized revenue requirement for O&M and non-O&M expense using the procedure set forth in Section 4.9(j) of the Settlement Agreement. In addition, Section 4.9(l) of the Settlement Agreement allows SDG&E to recover all recorded O&M expenses incurred in connection with the Unit 2 Fuel Cycle 17 Refueling Outage ("Unit 2 RFO").

SDG&E expects that O&M expenses identified as decommissioning costs incurred since June 7, 2013 will be paid with Nuclear Decommissioning Trust ("NDT") funds, contingent on Commission approval and in accordance with applicable regulations.<sup>11</sup> To the extent the Commission authorizes such recovery, SDG&E will refund amounts previously collected in rates for such costs.

Based on the parameters summarized above, the annual Settlement Agreement revenue requirements for 2012, 2013, and an estimate for 2014 and 2015 are included in Table 1 below. The 2012, 2013, and 2014 revenue requirements are used to determine the net refund amounts discussed in Section 2 below.

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<sup>11</sup> SDG&E's request to access the NDT funds for decommissioning costs incurred in 2013 (SDG&E's Advice Letter 2579-E) is currently pending. SDG&E intends to file a similar advice letter for decommissioning costs incurred in 2014 in the near future.

**Table 1: Estimated Annual SONGS Settlement Revenue Requirement (2012-2015) <sup>G</sup>**  
*All figures shown as 1,000,000.0 USD*

	2012 <sup>A</sup>	2013	2014	2015 <sup>F</sup>
<b>1. Capital Revenue Requirement</b>				
<b>(A) Replacement Steam Generators (RSG) <sup>H</sup></b>	29.3	29.4	(58.7)	-
<b>(B) Base Plant, CWIP, and M&amp;S <sup>B,E,H</sup></b>	34.2	37.5	38.5	37.3
<b>2. Nuclear Fuel Investment <sup>E,H</sup></b>	0.2	0.1	33.3	12.7
<b>3. Franchise Fees &amp; Uncollectibles</b>	0.6	0.7	0.5	0.6
<b>4. Subtotal</b>	<u>64.3</u>	<u>67.7</u>	<u>13.6</u>	<u>50.6</u>
<b>5. Base O&amp;M <sup>I</sup></b>	91.7	93.9	38.4	-
<b>6. Inspection &amp; Repair <sup>C,D</sup></b>	27.0	1.5	0.1	-
<b>7. 2012 Refueling Outage <sup>C</sup></b>	9.1	0.2	-	-
<b>8. Franchise Fees and Uncollectibles</b>	1.5	1.2	0.5	-
<b>9. Subtotal</b>	<u>129.3</u>	<u>96.8</u>	<u>39.0</u>	<u>-</u>
<b>10. TOTAL</b>	<u>193.6</u>	<u>164.5</u>	<u>52.6</u>	<u>50.6</u>

**A** Represents the period from February 1, 2012, through December 31, 2012.

**B** M&S of 10.4 is shown as part of the SDG&E Capital Revenue Requirement.

**C** Due to the method by which SCE bills SDG&E for its 20% minority share of SONGS, SDG&E is unable to specifically calculate O&M expenditures except by FERC account. The figures shown were provided by SCE for OMA reporting.

**D** Calculated from OMA report categories Routine O&M - Base - RSG Inspection & Repair, Investigation, Repairs - After Outage, Regulatory - After Outage, and Defueling.

**E** Figures shown inclusive of return of investment, return on debt and 50% of preferred, and taxes.

**F** 2015 O&M revenue requirement from SCE's TY2015 GRC is expected to be zero. Other Non-Fuel O&M revenue requirement (easement, property insurance and liability insurance) approved in SDG&E's TY2012 GRC (D.13-05-010) adjusted for attrition is \$2 million. (Not shown in Table 1; included in Attachment A).

**G** Figures based on an effective date of November 1, 2014, and exclude applicable Replacement Power.

**H** 2012 and 2013 figures shown at originally-authorized values for Capital and Nuclear Fuel, with true-up correction to Settlement shown in 2014.

**I** Figure shown exclusive of Non-O&M Expenses and inclusive of interest on monthly over-collections.

Details for the estimated annual SONGS Settlement revenue requirements provided in Table 1 and for each year through February 1, 2022 are included in Attachment B.

SDG&E submitted its annual NGBA Update Filing (AL 2670-E), which applies to SDG&E's bundled service customers and provides recovery of approved electric generation non-fuel costs not being recovered by another component of SDG&E's electric rates, on November 19, 2014. The NGBA Update Filing excluded any impacts of the Settlement Agreement and D.14-11-040. Instead, it included values related to SONGS and prior year balances set to current 2014 values (in order to reflect no change from 2014 to 2015) to be included in January 1, 2015 rates. It did not include the transfer of year-end projected balances of SONGS Balancing Account ("SONGSBA") and the NGBA.

The NGBA Update Filing noted that the SONGS revenue requirement resulting from the Settlement Agreement and D.14-11-040, including the transfer of projected year-end balances for NGBA and SONGSBA, would be filed via a separate advice letter (this Advice Letter). Attachment A attached hereto updates the aforementioned items from the values presented in the NGBA Update Filing



showing the 2015 SONGS Settlement revenue requirement in column (A), the currently authorized revenue requirement (AL 2535-E) in column (B), and a total decrease of \$140.5 million for SONGS revenue requirement in column (C). Attachment A also includes the proposed 2014 year-end balance amortizations for NGBA and SONGSBA showing a \$29.2 million increase as compared to 2014. The proposed SONGSBA year-end balance transfer of zero reflects transfers to ERRA (January – October 2014) and NGBA (forecasted November and December 2014) per Sections 4.9(j)(i) and 4.9(j)(ii) of the Settlement, respectively. The total decrease of \$111.3 million will be included in SDG&E rates effective January 1, 2015.

SDG&E will incorporate the updates noted herein to its NGBA in SDG&E's Tier 1 Annual Consolidated Filing to Implement Electric Rates effective January 1, 2015, which is generally filed at the end of of December. If the approval of amounts requested herein differs from what was requested, SDG&E will file a true-up as needed.

## **2) NET REFUND AMOUNT TO BE CREDITED TO BALANCING ACCOUNTS**

The Settlement Agreement revenue requirement that becomes effective on February 1, 2012 is less than the SONGS-related revenue requirement that SDG&E has been provisionally collecting from ratepayers.<sup>12</sup> As such, the Settlement Agreement requires SDG&E to refund ratepayers the difference between the Settlement revenue requirement and the provisionally authorized revenue requirement through credit entries recorded in SDG&E's ERRA (Sections 4.12 and 4.13) and NGBA (Section 4.9(j)(ii)). In addition, as discussed above, Section 4.9(l) of the Settlement Agreement allows SDG&E to recover all recorded O&M expenses incurred in connection with the Unit 2 RFO. Recovery of the RFO amount is included in the net refund calculation.

Table 2 Line No. 9 below shows that SDG&E estimates the net refund amount to be credited to the ERRA and NGBA through December 31, 2014 to be \$152.3 million, exclusive of associated franchise fees and uncollectibles ("FF&U").

SDG&E will implement the Settlement revenue requirement in rates on January 1, 2015, which is SDG&E's next scheduled rate change. Therefore, the net refund amount is calculated for the period February 1, 2012 through December 31, 2014.

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<sup>12</sup> In SDG&E's 2012 GRC (D.13-05-010), the Commission set the SONGS-related revenue requirement subject to refund pending the outcome of the reasonableness review of the SONGS outage as ordered in D.12-11-051.

Table 2: Estimated Net Refund Amounts  
February 1, 2012, through December 31, 2014  
All figures shown as 1,000,000.0 USD

	Net Refund Excl. FF&U	Estimated FF&U	Net Refund w/ Est. FF&U	
1. Capital Revenue Requirement				
2. Replacement Steam Generators	86.6	0.9	87.5	Section 4.2 (b)
3. Base Plant, CWIP, and M&S <sup>A</sup>	2.7	(0.2)	2.5	Section 4.3 (b), 4.5, and 4.8
4. Capital Subtotal	89.3	0.7	90.0	Lines 2 and 3
5. Nuclear Fuel Investment	(33.1)	(0.4)	(33.5)	Section 4.6
6. O&M Expense <sup>B,C,D</sup>	96.2	1.2	97.4	Section 4.9 (b), (f), (j)(ii), and (j)(iv)
7. Non-O&M Expense	-	-	-	Section 4.9 (g)
8. Nuclear Fuel Carrying Costs	(0.1)	-	(0.1)	Section 4.6 (b)
9. Total Refund	152.3	1.5	153.8	Lines 4 through 8

A M&S of 10.4 shown commingled with Base Plant & CWIP.  
 B Shown inclusive of interest and Unit 2 C17 Refueling Outage (RFO), which was authorized in the SONGS Balancing Account.  
 C An estimated 13.8 not shown has already been refunded to ratepayers through the NGBA.  
 D Adjustments for any previously-received litigation refunds, if applicable, not shown.

Details for the estimated net revenue amounts provided in Table 2 are included in Attachment C. Details for the estimated balancing account transfer amounts are presented in Table 3 of Section 5 below.

#### **A) Material and Supplies (M&S) Inventory Sales and Incentive**

As discussed above, the M&S Investment within the SONGS regulatory asset as of October 31, 2014, is \$10.4 million and will be recovered ratably over the same ten-year period as Base Plant. Section 4.5(b) of the Settlement Agreement provides for the calculation and incentive for selling the M&S Inventory. On a monthly basis, SDG&E is required to credit 95% of its share of net sale proceeds to the NGBA; the remaining 5% of net sales proceeds is retained by SDG&E.

#### **B) Nuclear Fuel Investment Sales and Incentives**

As discussed above, the Nuclear Fuel Investment within the SONGS regulatory asset as of October 31, 2014, is \$121.5 million, inclusive of incurred Fuel Cancellation Costs, and will be recovered ratably over the same ten-year period as Base Plant. Section 4.7 of the Settlement Agreement contemplates that SCE, on behalf of itself and SDG&E, may sell nuclear fuel inventory and thus the section establishes an incentive to maximize sale proceeds and minimize fuel contract cancellation costs. Fuel Net Proceeds is defined in Section 2.18 of the Settlement Agreement as the total proceeds of all sales of nuclear fuel, after being reduced by the costs SCE incurs as the Operating Agent in selling the nuclear fuel.<sup>13</sup> Section 4.7(a) allows SDG&E to retain 5% of SDG&E's share of Fuel Net Proceeds and credit the remaining 95% to ratepayers by reducing the Nuclear Fuel Investment regulatory asset. SDG&E is not claiming any incentive through October 31, 2014.

<sup>13</sup> Such costs include, but are not limited to storage of the nuclear fuel inventory pending a sale, costs incurred in order to render the nuclear fuel saleable, transportation costs, amounts paid to brokers and consultants, and associated legal fees.

### **3) RECOVERY OF NET MARKET COST INCURRED TO REPLACE SONGS GENERATION**

Pursuant to Section 4.10 of the Settlement, SDG&E is authorized to recover the full amount of any costs designated as SONGS “net SONGS costs” incurred to purchase power in the market from January 1, 2012, until the last day of the month prior to the Effective Date, which is October 31, 2014.

To date, the Commission has only deferred recovery of the 2013 “net SONGS costs” recorded in the ERRRA. In D.14-02-022, which granted SDG&E’s Trigger Application, A.13-04-017, the Commission provided SDG&E the authority to recover a portion of its net under-collected ERRRA balance and required SDG&E to remove recorded “net SONGS costs” until the Commission resolves issues in the SONGS OII. In SDG&E AL 2587-E, effective May 5, 2014, SDG&E updated the recorded January 1, 2013 through December 31, 2013 “net SONGS costs” to \$121.9 million. In accordance with OP3(e) of D.14-11-040, SDG&E has contemporaneously filed Advice Letter 2676-E explaining this issue in more detail.

With adoption of the Settlement Agreement in D.14-11-040, SDG&E will amortize the \$121.9 million of “net SONGS costs” from December 2014 through December 2015 as a reduction to its ERRRA Trigger calculation. In the event SDG&E’s ERRRA is in a “Triggered” position, SDG&E will address the under-collection in a separate advice letter or application utilizing its Trigger mechanism.

### **4) PROCEDURE FOR DETERMINING ANNUAL SETTLEMENT REVENUE REQUIREMENTS**

Pursuant to the Settlement Agreement, the SONGS Settlement revenue requirement as defined in Section 1 above, will be recovered over a ten-year period beginning on February 1, 2012. SDG&E expects the annual revenue requirement to change every year of the remaining eight-year recovery period, and anticipates that the actual annual revenue requirement will be different than the estimated revenue requirements provided in this Advice Letter at Attachment B. Section 6.2 of the Settlement Agreement reflects an understanding of this reality and therefore allows SDG&E to file Tier 2 advice letters to implement changes to its revenue requirements. Therefore, SDG&E proposes to include SONGS Settlement revenue requirement for subsequent years as part of its annual Tier 2 NGBA Update Filing scheduled for submission November of each year.<sup>14</sup>

The Settlement Agreement allows the following items included in the annual SONGS Settlement revenue requirement, if necessary, to be updated:

- Sections 2.4, 2.5, 4.3(d), 4.5(a), and 4.8(a) allow for changes to the Commission Authorized Cost of Debt and Cost of Preferred Stock.
- Section 4.3(j) requires SDG&E to recover actual property taxes paid with respect to Base Plant. SDG&E is required to true-up forecasted property taxes to actual taxes paid. Therefore, SDG&E will include a forecast of the property taxes in the annual SONGS Settlement revenue requirement, and in the first quarter of each year, SDG&E will record a true-up of the prior year estimate in its NGBA. This activity will then be reflected in the Annual NGBA Update Filing.

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<sup>14</sup> Because the SONGS Settlement revenue requirement for 2015 is included in this Advice Letter, the first time the annual NGBA Update Filing will reflect SONGS Settlement revenue requirement will be in the NGBA Update Filing submitted in November 2015 to set the SONGS Settlement revenue requirement for 2016.

- Section 4.6(b) requires that the balance of the Nuclear Fuel Investment earn a return based on the cost of commercial paper. Section 4.6(b) allows for changes to the commercial paper rate, as reported in the Federal Reserve Statistical Release, H. 15. or its successor.
- Section 4.7(b) requires SDG&E to reduce the Nuclear Fuel Investment upon sales of fuel inventory. SDG&E proposes to adjust the Nuclear Fuel Investment and related amortization in the Annual NGBA Update Filing.
- Sections 4.5(d) and 4.8(b) addressing M&S Investment and Completed CWIP, respectively, provide that, to the extent SDG&E is able to obtain reimbursement of specified costs from the NDT, SDG&E will not amortize such amounts in rates. SDG&E proposes to demonstrate these provisions in the Annual NGBA Update Filing.
- Sections 4.9(f), 4.9(g) and 4.9(i) dealing with O&M and non-O&M for 2013 and 2014, provide that to the extent SDG&E is able to recover any portion of the recorded amounts through the NDT, SDG&E shall refund to ratepayers through a reduction of the ERRA balance. SDG&E proposes to demonstrate these provisions in the Annual ERRA Compliance Filing.
- Section 4.11(d)(A) requires that the regulatory assets for Base Plant, CWIP, M&S and Nuclear Fuel be reduced once SDG&E has distributed \$71 million of net SONGS Litigation proceeds through the NGBA. Net proceeds in excess of \$71 million will reduce the regulatory assets. Should this occur, SDG&E will update the SONGS Settlement revenue requirement in the Annual NGBA Update Filing.

SDG&E proposes to update as necessary via a Tier 2 advice letter changes from assumptions made in estimating the SONGS revenue requirement for the following:

- Changes in Federal and State income tax rates;
- Timing of tax benefits as deductions for the abandonment value of the SONGS plant for income tax purposes become fixed and determinable and a reasonable prospect of recovery from claims is resolved by settlement or judicial action; and
- Tax benefits, if any, for any tax loss carrybacks of qualified decommissioning costs to prior periods pursuant to Internal Revenue Code Section 172(f).

#### **5) TRANSFERS TO ERRA AND NGBA**

In accordance with OP3(d)(iii) of D.14-11-040, which requires SDG&E to file a Tier 2 advice letter to identify transfers to adjust the ERRA balance, pursuant to the Decision and Sections 4.12 and 4.13 of the Settlement, SDG&E provides Table 3. Table 3 identifies transfers to ERRA and NGBA for a net refund of \$152.3 million (excluding FF&U) which agrees with the estimated total refund amount presented in Table 2 as a result of the SONGS Settlement approved by the Commission on November 20, 2014.

**Table 3: Summary of Transfers to ERRA and NGBA**  
*(All figures shown as 1,000,000.0 USD)*

	TRANSFERS		
	ERRA	NGBA	Total
Settlement Revenue Requirement (excluding FF&U)			
<b>Replacement Steam Generators</b>			<b>86.6</b>
Credit to ERRA for SGRP collected from 2/2012-10/2014	82.0		
Credit to ERRA for SGRP collected from 11/2014-12/2014	4.6		
<b>Base Plant, CWIP and M&amp;S</b>			<b>2.7</b>
Credit to ERRA for net difference in capital-related revenue requirement from 2/2012-10/2014	2.2		
Credit to ERRA for net difference in capital-related revenue requirement from 11/2014-12/2014	0.5		
<b>Nuclear Fuel Investment and Carrying Costs</b>			<b>(33.2)</b>
Debit to ERRA for Nuclear Fuel asset recovery from 2/2012-10/2014	(27.7)		
Debit to ERRA for Nuclear Fuel asset recovery from 11/2014-12/2014	(5.5)		
<b>O&amp;M Expense</b>			<b>96.2</b>
Credit to ERRA for SONGSBA overcollections from 1/2014-10/2014	77.0		
Credit to NGBA for SONGSBA overcollections from 11/2014-12/2014		15.2	
Credit to ERRA for 2013 SONGSBA overcollections	4.0		
<b>Net total of credits to ERRA and NGBA in 2014 due to SONGS Settlement</b>	<b>137.1</b>	<b>15.2</b>	<b>152.3</b>

## **6) REQUEST TO DISCONTINUE SONGS QUARTERLY REPORTING**

In compliance with I.12-10-013, SDG&E has been filing a quarterly status report that includes information related to the SONGS outage, such as estimated replacement energy and capacity costs, estimated other operational expenses, and estimated foregone revenues due to lost sales of excess energy (the Quarterly SONGS Outage Memorandum Account Report, commonly referred to as the "SONGSOMA Report"). Conclusion of Law 13 of D.12-11-040 requires that SDG&E maintain its SONGSOMA in order to support its application for reasonableness review of 2014 SONGS-related expenses, until ordered to close the account. SDG&E should not have to continue to record SONGS-related costs in the SONGSOMA that are incurred on or after January 1, 2015. Therefore, SDG&E requests that the Commission discontinue the quarterly report requirement after its year end 2014 SONGS-related costs are reported on April 1, 2015. Rather, SDG&E will record SONGS-related Nuclear Decommissioning Trust ("NDT") eligible costs in the SONGS 2&3 Permanent Closure Non-Investment Related Expense Memorandum Account (SPCEMA) that are incurred on or after January 1, 2015.

## **7) RETIREMENT OF SONGS TECHNICAL ASSISTANCE MEMORANDUM ACCOUNT ("STAMA")**

As a result of the Settlement, SDG&E is retiring the STAMA, which was established by OP 6 of D.13-06-013 and through Advice Letter 2502-E, once all invoices from the Commission are recorded, the Commission has confirmed that no additional invoices are forthcoming and the STAMA balance is transferred to the NGBA. In accordance with the STAMA tariff, the balance is transferred to the NGBA and included in SDG&E's annual NGBA Update Filing. SDG&E requests confirmation from the Commission that no future STAMA invoices are expected to be issued.

**8) RATE IMPACT**

Attachment A of this Advice Letter identifies the SONGS-related NGBA revenue requirements to be included in SDG&E's electric rates effective January 1, 2015. The SONGS-related NGBA revenue requirements decreased by \$112.6 million, including FF&U. As a result, SDG&E's system average electric rates, as presented in Attachment D, will decrease by approximately 0.647 cents/kWh or -3.22% from currently effective rates.

This filing does not include the revenue requirement changes associated with the non-SONGS-related NGBA revenue requirements filed in AL 2670-E. SDG&E will file its Tier 1 Annual Consolidated Filing to Implement Electric Rates effective January 1, 2015, including the appropriate tariff sheets, to consolidate all the electric rate adjustments authorized in AL 2670-E and this Advice Letter, to become effective January 1, 2015.

**EFFECTIVE DATE**

Pursuant to G.O. 96-B, Section 6.2 of the Settlement Agreement, and D.14-11-040, SDG&E believes this filing is subject to Energy Division disposition and should be classified as Tier 2 (effective after staff approval). SDG&E respectfully requests that this filing can become effective on December 26, 2014, 30 days after the date filed, in order to incorporate in rates effective January 1, 2015 as described above.

SDG&E understands that this filing remains subject to modification pending further CPUC review and final disposition.

**PROTEST**

Anyone may protest this Advice Letter to the California Public Utilities Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received by December 16, 2014, twenty days from the date filed. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue  
San Francisco, CA 94102

Copies of the protest should also be sent via e-mail to the attention of the Energy Division Tariff Unit (EDTariffUnit@cpuc.ca.gov). A copy of the protest should also be sent via both e-mail and facsimile to the address shown below on the same date it is mailed or delivered to the Commission.

Attn: Megan Caulson  
Regulatory Tariff Manager  
8330 Century Park Court, Room 32C  
San Diego, CA 92123-1548  
Facsimile No. (858) 654-1879  
E-Mail: mcaulson@semprautilities.com

**NOTICE**

A copy of this filing has been served on the utilities and interested parties shown on the attached list and to service list for I.12-10-013 (and consolidated matters A.13-01-016, A.13-03-005, A.13-03-013, and A.13-03-014) by either providing them a copy electronically or by mailing them a copy hereof, properly stamped and addressed.

Address changes should be directed to SDG&E Tariffs by facsimile at (858) 654-1879 or by e-mail at [SDG&ETariffs@semprautilities.com](mailto:SDG&ETariffs@semprautilities.com).

---

CLAY FABER  
Director - Regulatory Affairs

(cc list enclosed)

# CALIFORNIA PUBLIC UTILITIES COMMISSION

## ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SAN DIEGO GAS & ELECTRIC (U 902)**

Utility type:

ELC

GAS

PLC

HEAT

WATER

Contact Person: Joff Morales

Phone #: (858) 650-4098

E-mail: jmorales@semprautilities.com

### EXPLANATION OF UTILITY TYPE

ELC = Electric

GAS = Gas

PLC = Pipeline

HEAT = Heat

WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2672-E

Subject of AL: Implementation of I.12-10-013 Amended and Restated SONGS Settlement Agreement

Revenue Requirement Pursuant to D.14-11-040

Keywords (choose from CPUC listing): Settlement

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

Decision 14-11-040

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: None

Summarize differences between the AL and the prior withdrawn or rejected AL<sup>1</sup>: N/A

Does AL request confidential treatment? If so, provide explanation: N/A

Resolution Required?  Yes  No

Tier Designation:  1  2  3

Requested effective date: 12/26/2014

No. of tariff sheets: 0

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: N/A

Service affected and changes proposed<sup>1</sup>: N/A

Pending advice letters that revise the same tariff sheets: None

**Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:**

**CPUC, Energy Division**

**Attention: Tariff Unit**

**505 Van Ness Ave.,**

**San Francisco, CA 94102**

**EDTariffUnit@cpuc.ca.gov**

**San Diego Gas & Electric**

**Attention: Megan Caulson**

**8330 Century Park Ct, Room 32C**

**San Diego, CA 92123**

**mcaulson@semprautilities.com**



General Order No. 96-B  
ADVICE LETTER FILING MAILING LIST

cc: (w/enclosures)

Public Utilities Commission

DRA

Y. Schmidt  
W. Scott

Energy Division

P. Clanon  
S. Gallagher  
H. Gatchalian  
D. Lafrenz  
M. Salinas

CA. Energy Commission

F. DeLeon  
R. Tavares

Alcantar & Kahl LLP

K. Harteloo

American Energy Institute

C. King

APS Energy Services

J. Schenk

BP Energy Company

J. Zaiontz

Barkovich & Yap, Inc.

B. Barkovich

Bartle Wells Associates

R. Schmidt

Braun & Blaising, P.C.

S. Blaising

California Energy Markets

S. O'Donnell

C. Sweet

California Farm Bureau Federation

K. Mills

California Wind Energy

N. Rader

CCSE

S. Freedman  
J. Porter

Children's Hospital & Health Center

T. Jacoby

City of Chula Vista

M. Meacham  
E. Hull

City of Poway

R. Willcox

City of San Diego

J. Cervantes  
G. Lonergan  
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Commerce Energy Group

V. Gan

Constellation New Energy

W. Chen

CP Kelco

A. Friedl

Davis Wright Tremaine, LLP

E. O'Neill  
J. Pau

Dept. of General Services

H. Nanjo

M. Clark

Douglass & Liddell

D. Douglass

D. Liddell

G. Klatt

Duke Energy North America

M. Gillette

Dynegy, Inc.

J. Paul

Ellison Schneider & Harris LLP

E. Janssen

Energy Policy Initiatives Center (USD)

S. Anders

Energy Price Solutions

A. Scott

Energy Strategies, Inc.

K. Campbell

M. Scanlan

Goodin, MacBride, Squeri, Ritchie & Day

B. Cragg

J. Heather Patrick

J. Squeri

Goodrich Aerostructures Group

M. Harrington

Hanna and Morton LLP

N. Pedersen

Itsa-North America

L. Belew

J.B.S. Energy

J. Nahigian

Luce, Forward, Hamilton & Scripps LLP

J. Leslie

Manatt, Phelps & Phillips LLP

D. Huard

R. Keen

Matthew V. Brady & Associates

M. Brady

Modesto Irrigation District

C. Mayer

Morrison & Foerster LLP

P. Hanschen

MRW & Associates

D. Richardson

OnGrid Solar

Andy Black

Pacific Gas & Electric Co.

J. Clark

M. Huffman

S. Lawrie

E. Lucha

Pacific Utility Audit, Inc.

E. Kelly

R. W. Beck, Inc.

C. Elder

School Project for Utility Rate Reduction

M. Rochman

Shute, Mihaly & Weinberger LLP

O. Armi

Solar Turbines

F. Chiang

Sutherland Asbill & Brennan LLP

K. McCrea

Southern California Edison Co.

M. Alexander

K. Cini

K. Gansecki

H. Romero

TransCanada

R. Hunter

D. White

TURN

M. Florio

M. Hawiger

UCAN

M. Shames

U.S. Dept. of the Navy

K. Davoodi

N. Furuta

L. DeLacruz

Utility Specialists, Southwest, Inc.

D. Koser

Western Manufactured Housing

Communities Association

S. Dey

White & Case LLP

L. Cottle

Interested Parties

I.12-10-013

A.13-01-016

A.13-03-005

A.13-03-013

A.13-03-014

San Diego Gas & Electric Advice Letter 2672-E  
November 26, 2014

## ATTACHMENT A

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**Advice Letter 2672-E**  
**ATTACHMENT A**  
**2015 NGBA - SONGS RELATED REVENUE REQUIREMENT**  
**(\$000, excluding FF&U)**

	(A)		(B)	(B)-(A)=(C)
	NGBA AL 2672-E Proposed 2015	1\	NGBA Authorized AL 2535-E 2014	Total Change
SONGS				
Non-fuel O&M Revenue Requirement (SCE GRC)	0	2\	121,572	(121,572)
Other Non-fuel O&M Revenue Requirement (SDG&E GRC)	2,023	3\	1,968	55
Non-fuel Capital-related Revenue Requirement (SCE GRC)	0	4\	41,239	(41,239)
Estimated Settlement Reg Asset (BasePlant, M&S, CWIP)10-year amortization	37,454	5\		37,454
Estimated Settlement Nuclear Fuel 10-year amortization	12,684	5\		12,684
SONGS Unit 2 SGRP Installation Revenue Requirement	0	6\	15,395	(15,395)
SONGS Unit 3 SGRP Installation Revenue Requirement	0	6\	12,477	(12,477)
<b>SONGS Total</b>	<b>52,161</b>		<b>192,652</b>	<b>(140,491)</b>
Prior Year Balances to be Included in rates:				
NGBA	20,196	7\	17,096	3,101
SONGSBA	0	8\	(26,128)	26,128
<b>Amortization of December 31 Balances</b>	<b>20,196</b>		<b>(9,032)</b>	<b>29,229</b>
<b>NGBA - SONGS Related Revenue Requirement effective 1/1/2015 without FF&amp;U</b>	<b>72,357</b>		<b>183,619</b>	<b>(111,262)</b>

**Notes:**

1\ Annual NGBA Update Filing on 11/19/14 in AL 2670-E excluded impacts from the SONGS Settlement Agreement and reflected no change in SONGS-related revenue requirement from 2014 to 2015.

2\ SCE does not include O&M revenue requirement in its TY2015 GRC.

3\ Other Non-Fuel O&M revenue requirement (easement, property insurance and liability insurance) approved in SDG&E's TY2012 GRC (D.13-05-010) escalated for attrition.

4\ Marine mitigation capital-related costs pending approval in SCE's TY2015 GRC. The annual revenue requirement for 2015 for SONGS marine mitigation will be updated with SDG&E's 20% of the annual revenue requirement approved in SCE's TY2015 GRC (A.13-11-003).

5\ Amortization of the regulatory asset per Settlement Agreement.

6\ Settlement Agreement does not allow for recovery of any SGRP-related costs as of February 1, 2012.

7\ 2014 year-end projected NGBA balance after transfers per the Settlement Agreement.

8\ Per the Settlement Agreement, SONGSBA 2014 overcollection transferred to ERRA and NGBA.

San Diego Gas & Electric Advice Letter 2672-E  
November 26, 2014

## ATTACHMENT B

ATTACHMENT B: Estimated Annual SONGS Settlement Revenue Requirement (2012-2022) <sup>G</sup>

All figures shown as 1,000,000.0 USD

	2012 <sup>A</sup>	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total
<b>1. Capital Revenue Requirement</b>												
<b>(A) Repl. Steam Generators (RSG) <sup>H</sup></b>	29.3	29.4	(58.7)	-	-	-	-	-	-	-	-	-
<b>(B) Base Plant, CWIP, and M&amp;S <sup>B,E,H</sup></b>	34.2	37.5	38.5	37.3	36.3	35.3	34.3	33.2	32.2	31.2	2.6	352.6
<b>2. Nuclear Fuel Investment <sup>E,H</sup></b>	0.2	0.1	33.3	12.7	13.7	14.6	14.3	13.8	13.3	12.8	1.0	129.8
<b>3. Franchise Fees &amp; Uncollectibles</b>	0.6	0.7	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	-	5.8
<b>4. Subtotal</b>	<u>64.3</u>	<u>67.7</u>	<u>13.6</u>	<u>50.6</u>	<u>50.6</u>	<u>50.5</u>	<u>49.2</u>	<u>47.6</u>	<u>46.0</u>	<u>44.5</u>	<u>3.6</u>	<u>488.2</u>
<b>5. Base O&amp;M <sup>I,F</sup></b>	91.7	93.9	38.4	-	-	-	-	-	-	-	-	224.0
<b>6. Inspection &amp; Repair <sup>C,D</sup></b>	27.0	1.5	0.1	-	-	-	-	-	-	-	-	28.6
<b>7. 2012 Refueling Outage <sup>C</sup></b>	9.1	0.2	-	-	-	-	-	-	-	-	-	9.3
<b>8. Franchise Fees and Uncollectibles</b>	1.5	1.2	0.5	-	-	-	-	-	-	-	-	3.2
<b>9. Subtotal</b>	<u>129.3</u>	<u>96.8</u>	<u>39.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>265.1</u>
<b>10. TOTAL</b>	<u>193.6</u>	<u>164.5</u>	<u>52.6</u>	<u>50.6</u>	<u>50.6</u>	<u>50.5</u>	<u>49.2</u>	<u>47.6</u>	<u>46.0</u>	<u>44.5</u>	<u>3.6</u>	<u>753.3</u>

**A** Represents the period from February 1, 2012, through December 31, 2012.

**B** M&S of 10.4 is shown as part of the SDG&E Capital Revenue Requirement.

**C** Due to the method by which SCE bills SDG&E for its 20% minority share of SONGS, SDG&E is unable to specifically calculate O&M expenditures except by FERC account. The figures shown were provided by SCE for purposes of OMA reporting.

**D** Calculated from OMA report categories Routine O&M - Base - RSG Inspection & Repair, Investigation, Repairs - After Outage, Regulatory - After Outage, and Defueling.

**E** Figures shown inclusive of return of investment, return on debt and 50% of preferred, and taxes.

**F** O&M shown at actual expense for 2012 through 2014, with 2015 forward not shown pending the outcome of SCE's GRC and based on the assumption that such expenses will be approved for recovery from the Nuclear Decommissioning Trusts.

**G** Figures based on an effective date of November 1, 2014, and exclude applicable Replacement Power.

**H** 2012 and 2013 figures shown at originally-authorized values for Capital and Nuclear Fuel, with true-up correction to Settlement shown in 2014.

**I** Figure shown exclusive of Non-O&M Expenses and inclusive of interest on monthly over-collections.

San Diego Gas & Electric Advice Letter 2672-E  
November 26, 2014

## ATTACHMENT C

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**Advice Letter 2672-E**  
**ATTACHMENT C**

**NET REFUND with Interest Calculation Excluding Net Litigation - SONGS Settlement**  
*All figures shown as 1,000.0 USD including taxes and excluding franchise fees and uncollectibles (FF&U)*

	Dec '11	January	February	March	April	May	June	2012 July	August	September	October	November	December	Total
<b>1. Net Refund</b>														
2. Beginning Balance	-	-	1,665.4	(1,524.5)	(1,669.3)	(5,578.1)	(8,257.8)	(7,281.8)	(11,016.3)	(14,934.0)	(13,719.9)	(17,788.3)	(21,106.3)	-
<b>I. Steam Generator Replacement</b>														
4. Previously Authorized	-	-	(2,667.3)	(2,667.3)	(2,667.3)	(2,667.3)	(2,667.3)	(2,667.3)	(2,667.3)	(2,667.3)	(2,667.3)	(2,667.3)	(2,667.3)	(29,340.3)
5. Interest	-	-	(0.2)	(0.6)	(1.0)	(1.6)	(1.9)	(2.6)	(3.2)	(3.3)	(3.8)	(4.0)	(4.7)	(26.9)
6. (Over)/Under-Collection	-	-	(2,667.5)	(2,667.9)	(2,668.3)	(2,668.9)	(2,669.2)	(2,669.9)	(2,670.5)	(2,670.6)	(2,671.1)	(2,671.3)	(2,672.0)	(29,367.2)
<b>II. Base Plant with CWIP and M&amp;S</b>														
8. Previously Authorized	-	-	(3,105.3)	(3,105.3)	(3,105.3)	(3,105.3)	(3,105.3)	(3,105.3)	(3,105.3)	(3,105.3)	(3,105.3)	(3,105.3)	(3,105.3)	(34,158.3)
9. Settlement	-	-	2,997.3	3,005.6	3,077.4	3,106.8	3,095.1	3,111.4	3,153.2	3,205.8	3,262.9	3,053.0	3,034.9	34,103.4
10. (Over)/Under-Collection	-	-	(108.0)	(99.7)	(27.9)	1.5	(10.2)	6.1	47.9	100.5	157.6	(52.3)	(70.4)	(54.9)
<b>III. Nuclear Fuel Investment</b>														
12. Previously Authorized	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13. Settlement	-	-	702.8	714.4	715.1	731.7	850.8	930.6	930.6	967.6	968.7	968.7	968.7	9,449.7
14. (Over)/Under-Collection	-	-	702.8	714.4	715.1	731.7	850.8	930.6	930.6	967.6	968.7	968.7	968.7	9,449.7
<b>IV. O&amp;M Including U2 CY17 RFO</b>														
16. Previously Authorized	-	(12,077.6)	(12,077.6)	(12,077.6)	(12,077.6)	(12,077.6)	(12,077.6)	(12,077.6)	(12,077.6)	(12,077.6)	(12,077.6)	(12,077.6)	(12,077.6)	(144,931.2)
17. Settlement (i.e. Recorded)	-	13,742.7	10,958.3	13,985.9	10,147.8	11,332.8	14,848.5	10,113.9	9,852.3	14,895.1	9,553.4	10,513.4	11,607.0	141,551.1
18. Adjustments and Interest	-	0.2	0.4	0.7	0.9	1.0	34.6	(35.8)	1.7	1.8	2.1	1.8	2.0	11.4
19. (Over)/Under-Collection	-	1,665.3	(1,118.9)	1,909.0	(1,928.9)	(743.8)	2,805.5	(1,999.5)	(2,223.6)	2,819.3	(2,522.1)	(1,562.4)	(468.6)	(3,368.7)
<b>V. Non-O&amp;M</b>														
21. Previously Authorized	-	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(1.9)
22. Settlement (i.e. Recorded)	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.4
23. (Over)/Under-Collection	-	0.1	0.1	0.1	0.1	0.1	-	-	-	-	-	-	-	0.5
<b>VI. Nuclear Fuel Carrying Costs</b>														
25. Previously Authorized	-	-	(9.8)	(12.1)	(12.9)	(14.3)	(16.1)	(19.4)	(20.3)	(21.1)	(19.2)	(18.2)	(19.2)	(182.6)
26. Settlement	-	-	11.4	11.4	14.0	14.0	15.2	17.6	18.2	18.4	17.7	17.5	17.4	172.8
27. (Over)/Under-Collection	-	-	1.6	(0.7)	1.1	(0.3)	(0.9)	(1.8)	(2.1)	(2.7)	(1.5)	(0.7)	(1.8)	(9.8)
<b>28. Ending Balance</b>	-	<b>1,665.4</b>	<b>(1,524.5)</b>	<b>(1,669.3)</b>	<b>(5,578.1)</b>	<b>(8,257.8)</b>	<b>(7,281.8)</b>	<b>(11,016.3)</b>	<b>(14,934.0)</b>	<b>(13,719.9)</b>	<b>(17,788.3)</b>	<b>(21,106.3)</b>	<b>(23,350.4)</b>	<b>(23,350.4)</b>
<b>29. Interest Rates (3-Mo. Commercial)</b>	0.14%	0.16%	0.14%	0.17%	0.18%	0.20%	0.19%	0.21%	0.22%	0.20%	0.20%	0.19%	0.20%	

**NET REFUND with Interest Calculation Excluding Net Litigation - SONGS Settlement**

ATTACHMENT C

*All figures shown as 1,000.0 USD including taxes and excluding franchise fees and uncollectibles (FF&U)*

	Total	January	February	March	April	May	June	July	August	September	October	November	December	Total
<b>1. Net Refund</b>														
2. Beginning Balance	-	(23,350.4)	(25,933.2)	(25,745.5)	(32,009.2)	(34,299.2)	(36,939.6)	(41,311.1)	(43,782.9)	(47,177.6)	(56,164.2)	(60,905.6)	(65,179.7)	(23,350.4)
<b>3. I. Steam Generator Replacement</b>														
4. Previously Authorized	(29,340.3)	(2,449.3)	(2,449.3)	(2,449.3)	(2,449.3)	(2,449.3)	(2,449.3)	(2,449.3)	(2,449.3)	(2,449.3)	(2,449.3)	(2,449.3)	(2,449.3)	(29,391.6)
5. Interest	(26.9)	(5.1)	(4.4)	(5.0)	(4.7)	(4.0)	(3.6)	(3.8)	(4.4)	(3.8)	(3.5)	(5.1)	(4.3)	(51.7)
6. (Over)/Under-Collection	(29,367.2)	(2,454.4)	(2,453.7)	(2,454.3)	(2,454.0)	(2,453.3)	(2,452.9)	(2,453.1)	(2,453.7)	(2,453.1)	(2,452.8)	(2,454.4)	(2,453.6)	(29,443.3)
<b>7. II. Base Plant with CWIP and M&amp;S</b>														
8. Previously Authorized	(34,158.3)	(3,121.3)	(3,121.3)	(3,121.3)	(3,121.3)	(3,121.3)	(3,121.3)	(3,121.3)	(3,121.3)	(3,121.3)	(3,121.3)	(3,121.3)	(3,121.3)	(37,455.6)
9. Settlement	34,103.4	3,043.6	3,109.0	3,120.6	3,140.1	3,182.2	3,171.8	3,179.0	3,180.2	3,200.0	3,197.1	3,183.7	3,189.9	37,897.2
10. (Over)/Under-Collection	(54.9)	(77.7)	(12.3)	(0.7)	18.8	60.9	50.5	57.7	58.9	78.7	75.8	62.4	68.6	441.6
<b>11. III. Nuclear Fuel Investment</b>														
12. Previously Authorized	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13. Settlement	9,449.7	969.2	974.1	974.1	974.9	975.1	975.2	975.9	976.2	976.3	976.3	976.3	976.3	11,699.9
14. (Over)/Under-Collection	9,449.7	969.2	974.1	974.1	974.9	975.1	975.2	975.9	976.2	976.3	976.3	976.3	976.3	11,699.9
<b>15. IV. O&amp;M Including U2 CY17 RFO</b>														
16. Previously Authorized	(144,931.2)	(9,924.8)	(9,924.8)	(9,924.8)	(9,924.8)	(9,924.8)	(9,924.8)	(9,924.8)	(9,924.8)	(9,924.8)	(9,924.8)	(9,924.8)	(9,924.8)	(119,097.6)
17. Settlement (i.e. Recorded)	141,551.1	9,151.7	11,605.4	5,144.1	9,097.8	9,514.4	6,980.6	8,983.1	7,949.6	2,335.3	6,577.1	7,237.7	12,382.6	96,959.4
18. Adjustments and Interest	11.4	(241.8)	0.3	0.3	0.1	(812.7)	(1.9)	(113.2)	(2.5)	(2.4)	2.5	(172.8)	(3.0)	(1,347.1)
19. (Over)/Under-Collection	(3,368.7)	(1,014.9)	1,680.9	(4,780.4)	(826.9)	(1,223.1)	(2,946.1)	(1,054.9)	(1,977.7)	(7,591.9)	(3,345.2)	(2,859.9)	2,454.8	(23,485.3)
<b>20. V. Non-O&amp;M</b>														
21. Previously Authorized	(1.9)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(1.9)
22. Settlement (i.e. Recorded)	2.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.6
23. (Over)/Under-Collection	0.5	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.7
<b>24. VI. Nuclear Fuel Carrying Costs</b>														
25. Previously Authorized	(182.6)	(19.2)	(15.4)	(16.4)	(14.5)	(11.6)	(9.6)	(9.7)	(10.6)	(8.7)	(7.7)	(10.6)	(8.7)	(142.7)
26. Settlement	172.8	14.0	13.9	13.8	11.5	11.4	11.3	12.2	12.1	12.0	12.1	12.0	11.9	148.2
27. (Over)/Under-Collection	(9.8)	(5.2)	(1.5)	(2.6)	(3.0)	(0.2)	1.7	2.5	1.5	3.3	4.4	1.4	3.2	5.5
<b>28. Ending Balance</b>	<b>(23,350.4)</b>	<b>(25,933.2)</b>	<b>(25,745.5)</b>	<b>(32,009.2)</b>	<b>(34,299.2)</b>	<b>(36,939.6)</b>	<b>(41,311.1)</b>	<b>(43,782.9)</b>	<b>(47,177.6)</b>	<b>(56,164.2)</b>	<b>(60,905.6)</b>	<b>(65,179.7)</b>	<b>(64,130.3)</b>	<b>(64,130.3)</b>
29. Interest Rates (3-Mo. Commercial)		0.20%	0.16%	0.17%	0.15%	0.12%	0.10%	0.10%	0.11%	0.09%	0.08%	0.11%	0.09%	



ATTACHMENT C

		2014												Total	Grand Total
		January	February	March	April	May	June	July	August	September	October	November ESTIMATE	December ESTIMATE		
1.	<b>Net Refund</b>														
2.	Beginning Balance	(64,130.3)	(73,233.0)	(82,236.3)	(93,560.3)	(102,285.9)	(109,511.9)	(119,270.2)	(128,183.7)	(139,187.9)	(148,012.0)	(157,017.5)	(157,053.5)	(64,130.3)	-
3.	<b>I. Steam Generator Replacement</b>														
4.	Previously Authorized	(2,322.7)	(2,322.7)	(2,322.7)	(2,322.7)	(2,322.7)	(2,322.7)	(2,322.7)	(2,322.7)	(2,322.7)	(2,322.7)	(2,322.7)	(2,322.7)	(27,872.4)	(86,604.3)
5.	Interest	(4.5)	(4.7)	(5.4)	(5.6)	(5.8)	(6.0)	(6.2)	(6.4)	(7.2)	(6.7)	-	-	(58.5)	(137.1)
6.	(Over)/Under-Collection	(2,327.2)	(2,327.4)	(2,328.1)	(2,328.3)	(2,328.5)	(2,328.7)	(2,328.9)	(2,329.1)	(2,329.9)	(2,329.4)	(2,322.7)	(2,322.7)	(27,930.9)	(86,741.4)
7.	<b>II. Base Plant with CWIP and M&amp;S</b>														
8.	Previously Authorized	(3,436.6)	(3,436.6)	(3,436.6)	(3,436.6)	(3,436.6)	(3,436.6)	(3,436.6)	(3,436.6)	(3,436.6)	(3,436.6)	(3,436.6)	(3,436.6)	(41,239.2)	(112,853.1)
9.	Settlement	3,173.5	3,170.1	3,187.1	3,176.2	3,183.2	3,183.0	3,183.8	3,183.7	3,183.5	3,180.1	3,175.5	3,171.0	38,150.7	110,151.3
10.	(Over)/Under-Collection	(263.1)	(266.5)	(249.5)	(260.4)	(253.4)	(253.6)	(252.8)	(252.9)	(253.1)	(256.5)	(261.1)	(265.6)	(3,088.5)	(2,701.8)
11.	<b>III. Nuclear Fuel Investment</b>														
12.	Previously Authorized	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.	Settlement	983.4	983.4	983.4	983.5	983.5	992.5	992.5	992.5	998.7	998.7	1,039.7	1,039.7	11,971.5	33,121.1
14.	(Over)/Under-Collection	983.4	983.4	983.4	983.5	983.5	992.5	992.5	992.5	998.7	998.7	1,039.7	1,039.7	11,971.5	33,121.1
15.	<b>IV. O&amp;M Including U2 CY17 RFO</b>														
16.	Previously Authorized	(10,131.0)	(10,131.0)	(10,131.0)	(10,131.0)	(10,131.0)	(10,131.0)	(10,131.0)	(10,131.0)	(10,131.0)	(10,131.0)	(10,131.0)	(10,131.0)	(121,572.0)	(385,600.8)
17.	Settlement (i.e. Recorded)	2,632.3	2,735.8	399.8	3,000.6	4,494.1	1,953.9	2,798.8	709.2	2,885.4	2,707.1	11,239.3	2,561.7	38,118.0	276,628.5
18.	Adjustments and Interest	(0.3)	(0.8)	(1.6)	(2.3)	(2.9)	(3.5)	(4.1)	(4.8)	(6.0)	(6.1)	388.0	(7.4)	348.2	(987.5)
19.	(Over)/Under-Collection	(7,499.0)	(7,396.0)	(9,732.8)	(7,132.7)	(5,639.8)	(8,180.6)	(7,336.3)	(9,426.6)	(7,251.6)	(7,430.0)	1,496.3	(7,576.7)	(83,105.8)	(109,959.8)
20.	<b>V. Non-O&amp;M</b>														
21.	Previously Authorized	(0.1)	(0.1)	(0.1)	(0.1)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(2.0)	(5.8)
22.	Settlement (i.e. Recorded)	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.0	8.0
23.	(Over)/Under-Collection	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2
24.	<b>VI. Nuclear Fuel Carrying Costs</b>														
25.	Previously Authorized	(9.4)	(9.4)	(9.4)	-	-	-	-	-	-	-	-	-	(28.2)	(353.5)
26.	Settlement	12.6	12.6	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.8	11.9	145.3	466.3
27.	(Over)/Under-Collection	3.2	3.2	3.0	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.8	11.9	117.1	112.8
28.	<b>Ending Balance</b>	<b>(73,233.0)</b>	<b>(82,236.3)</b>	<b>(93,560.3)</b>	<b>(102,285.9)</b>	<b>(109,511.9)</b>	<b>(119,270.2)</b>	<b>(128,183.7)</b>	<b>(139,187.9)</b>	<b>(148,012.0)</b>	<b>(157,017.5)</b>	<b>(157,053.5)</b>	<b>(166,166.9)</b>	<b>(166,166.9)</b>	<b>(166,166.9)</b>
29.	Interest Rates (3-Mo. Commercial)	0.09%	0.09%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.11%	0.10%	0.10%	0.10%		

San Diego Gas & Electric Advice Letter 2672-E  
November 26, 2014

## ATTACHMENT D

**SAN DIEGO GAS & ELECTRIC COMPANY - ELECTRIC DEPARTMENT**  
**SONGS-Related NGBA**  
**ATTACHMENT D**  
**SDG&E Advice Letter 2672-E**  
**CLASS AVERAGE RATES**

Rates Effective 8/1/2014  
in AL 2632-E and AL 2632-E-A

Rates  
SONGS-Related NGBA

	Current Total UDC Rate (¢/KWhr)	Current Commodity + DWR Credit (¢/KWhr)	Current Total Rate (¢/KWhr)	Total UDC Rate (¢/KWhr)	Avg. Commodity + DWR Credit (¢/KWhr)	Total Rate (¢/KWhr)	Total Rate Change (¢/KWhr)	Total Rate Change (%)
Residential <sup>1</sup>	9.340	11.175	20.515	9.340	10.518	19.858	(0.657)	-3.20%
Small Commercial	12.632	11.183	23.815	12.632	10.524	23.156	(0.659)	-2.77%
Med&Lg C&I	8.243	10.919	19.162	8.243	10.280	18.523	(0.639)	-3.33%
Agriculture	10.059	9.519	19.578	10.059	8.960	19.019	(0.559)	-2.86%
Lighting	10.441	7.013	17.454	10.441	6.596	17.037	(0.417)	-2.39%
System Total	9.109	11.013	20.122	9.109	10.366	19.475	(0.647)	-3.22%

**CLASS AVERAGE RATES**  
**EXCLUDING CALIFORNIA CLIMATE CREDIT**

	Current Total UDC Rate (¢/KWhr)	Current Commodity + DWR Credit (¢/KWhr)	Current Total Rate (¢/KWhr)	Total UDC Rate (¢/KWhr)	Avg. Commodity + DWR Credit (¢/KWhr)	Total Rate (¢/KWhr)	Total Rate Change (¢/KWhr)	Total Rate Change (%)
Residential <sup>2</sup>	10.472	11.175	21.647	10.472	10.518	20.990	(0.657)	-3.04%
System Total	9.535	11.013	20.548	9.535	10.366	19.901	(0.647)	-3.15%

DWR-BC rate is reflected in the Average UDC rate.

<sup>1</sup>UDC includes residential California Climate Credit which is received semi-annually

<sup>2</sup>UDC excludes residential California Climate Credit which is received semi-annually

**Appendix D**  
**SONGS OII Implementation**  
**AL 2675**

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298



December 22, 2014

**Advice Letter 2675-E**

San Diego Gas and Electric  
Attention: Megan Caulson  
Regulatory Tariff Manager  
8330 Century Park Court, Room 32C  
San Diego, CA 92123-1548

**SUBJECT: Modifications to SDG&E's Preliminary Statement Required to Implement the SONGS Order Instituting Investigation (I.12-10-013) Settlement Agreement Pursuant to D.14-11-040**

Dear Ms. Caulson:

Advice Letter 2675-E is effective as of November 26, 2014.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph  
Director, Energy Division



Clay Faber  
Director – Regulatory Affairs  
8330 Century Park Court  
San Diego, CA 92123-1548

Tel: 858-654-3563  
Fax: 858-654-1788  
CFaber@semprautilities.com

November 26, 2014

**ADVICE LETTER 2675-E**  
(U 902-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

**SUBJECT: MODIFICATIONS TO SAN DIEGO GAS & ELECTRIC'S PRELIMINARY STATEMENT REQUIRED TO IMPLEMENT THE SONGS ORDER INSTITUTING INVESTIGATION (I.12-10-013) SETTLEMENT AGREEMENT PURSUANT TO DECISION 14-11-040**

San Diego Gas & Electric Company ("SDG&E") hereby submits for approval the following modifications to its electric Preliminary Statement, specifically modifications to existing balancing and memorandum accounts, and the establishment of new memorandum accounts that are applicable throughout its territory. SDG&E's proposed modifications are provided in Attachment A.

**PURPOSE**

In compliance with Decision ("D.") 14-11-040, approved by the Commission on November 20, 2014, SDG&E respectfully submits this Tier 1 Advice Letter to the California Public Utilities Commission ("Commission" or "CPUC") to incorporate tariff changes and revise its electric Preliminary Statements to establish three new memorandum accounts and modify several existing accounts in connection with the San Onofre Nuclear Generating Station ("SONGS"). These new memorandum accounts are: 1) NEIL<sup>1</sup> Net Litigation Memorandum Account ("NNLMA"), 2) Mitsubishi Net Litigation Memorandum Account ("MNLMA") and 3) Nuclear Fuel Cancellation Incentive Memorandum Account ("NFCIMA"). Furthermore, consistent with the terms of the Settlement Agreement approved by D.14-11-040, SDG&E is revising five existing tariffs: 1) Energy Resource Recovery Account ("ERRA"), 2) Non-Fuel Generation Balancing Account ("NGBA"), 3) SONGS Balancing Account ("SONGSBA"), 4) SONGS 2 and 3 Procedures, and 5) SONGS 2&3 Permanent Closure Non-investment Related Expenses Memorandum Account ("SPCEMA").

**BACKGROUND**

On November 1, 2012, the Commission issued Order Instituting Investigation ("I.") 12-10-013 to investigate the extended outages at SONGS ("SONGS OII") and to examine the causes of the outages, the response and the future operations of the SONGS units as part of a review of Southern California Edison's ("SCE") actions, and to assess what costs, if any, are appropriate for recovery from ratepayers.

On June 7, 2013, SCE announced that SONGS 2&3 would not restart. On June 12, 2013, SCE submitted a Certification of Permanent Cessation of Power Operations to the Nuclear Regulatory Commission ("NRC"), certifying that SCE has permanently ceased power operations of SONGS Unit 2&3.

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<sup>1</sup> Nuclear Electric Insurance Limited.

On April 3, 2014, SCE, SDG&E, The Utility Reform Network (“TURN”), the Office of Ratepayer Advocates (“ORA”), Friends of the Earth, and the Coalition of California Utility Employees (collectively, “Joint Parties”) filed a joint motion for the adoption of a Settlement Agreement that would resolve all issues in the SONGS OII, and all proceedings that have been consolidated therewith (including A.13-01-016, A.13-03-005, A.13-03-013, and A.13-03-014). On September 24, the Joint Parties filed an Amended and Restated Settlement Agreement (“Settlement Agreement” or “Settlement”), which incorporated modifications as proposed by the Assigned Commissioner’s Ruling on September 5, 2014.

Section 6.1 of the Settlement Agreement and Ordering Paragraph (“OP”) 3(a) of D.14-11-040 requires SDG&E to file an advice letter within 30 days of a Commission decision approving the Settlement.<sup>2</sup> On November 20, 2014, the Commission issued D.14-11-040, approving the Settlement and therefore, SDG&E is filing this Advice Letter in compliance with those requirements to implement the Settlement Agreement.

### **ESTABLISHMENT OF NEW MEMORANDUM ACCOUNTS**

Section 4.11(a)<sup>3</sup> of the Settlement allows SDG&E to establish two memorandum accounts to record net litigation costs (i.e., the difference between litigation costs and any recoveries received) effective January 31, 2012. Section 4.7(c) of the Settlement allows SDG&E to establish a memorandum account to calculate a nuclear fuel incentive mechanism.

#### **1. NEIL Net Litigation Memorandum Account (“NNLMA”)**

Pursuant to Section 4.11, SDG&E is establishing the NNLMA to record the difference between any litigation costs incurred pursuing recoveries from NEIL, and any recoveries received from NEIL. The NNLMA will have two subaccounts: a NEIL Outage Subaccount and a NEIL Other Recoveries Subaccount.

If net proceeds result in a negative/credit balance (i.e., recoveries from NEIL exceed litigation costs) as of December 31, 2014, or at the end of any subsequent year, Section 4.11(c)(ii) requires a transfer to the NEIL Outage Subaccount and the NEIL Other Recoveries Subaccount reflecting the allocation of NEIL-related litigation recoveries between the NEIL Outage Policy and other recoveries from NEIL. If net proceeds at year end result in a positive/debit balance, then the balance carries over to the next year.

The NEIL Outage Subaccount will be shared as follows:

- SDG&E will record a debit equal to 5% of the negative year-end balance representing the portion that SDG&E will retain. The remaining 95% of the negative year-end balance, representing the Ratepayer portion, will be transferred from the NEIL Outage Subaccount and credited to the ERRRA.

The NEIL Other Recoveries Subaccount shall be shared as follows:

- SDG&E will record a debit equal to 17.5% of the negative year-end balance representing the portion that SDG&E will retain. The remaining 82.5% of the negative year-end balance,

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<sup>2</sup> Section 6.1 of the Settlement Agreement states that the revised tariff sheets shall become effective on filing.

<sup>3</sup> References to “Sections” in this document shall refer to the Settlement Agreement, unless otherwise specified.

representing the Ratepayer portion, will be transferred from the NEIL Other Recoveries Subaccount and credited to the ERRA.

## **2. Mitsubishi Net Litigation Memorandum Account (“MNLMA”)**

Section 4.11 of the Settlement requires the establishment of the MNLMA. The MNLMA will be used to record the difference between any litigation costs incurred pursuing recoveries from Mitsubishi Heavy Industries (“MHI”), and any proceeds received (i.e., recoveries) from MHI.

If the MHI-related litigation costs exceed the recoveries, resulting in a positive/debit balance as of December 31 of any year, the balance will carry-over to the next year. If there is a negative/credit balance (i.e. litigation recoveries exceed litigation costs) as of December 31, 2014, or at the end of any subsequent year, Sections 4.11(c)(iv), (d)(iii) and (d)(iv) require any negative/credit year-end balance to be shared as follows:

- SDG&E shall retain 50% of the balance.
- SDG&E shall distribute to ratepayers 50% of the balance.
  - The first \$71 million of SONGS Litigation Balance recovered from MHI that is distributed to SDG&E ratepayers shall be distributed via a credit to SDG&E’s NGBA.
  - After distributing up to \$71 million, the credit balance will be used to reduce the regulatory assets remaining for the Base Plant, Construction Work in Progress (“CWIP”), Materials and Supplies (“M&S”), and Nuclear Fuel Investment, in that order.
  - If and when the amount of the net proceeds is sufficient to reduce the regulatory assets to zero, any remaining credit balance will be transferred from the MNLMA and recorded as a credit in the NGBA.

## **3. Nuclear Fuel Cancellation Incentive Memorandum Account (“NFCIMA”)**

Section 4.7(c)(ii) of the Settlement allows SDG&E to establish the NFCIMA to record the difference between 1) SDG&E’s share of the nuclear fuel contracts purchase obligation and 2) SDG&E’s nuclear fuel cancellation costs.

The balance at December 31<sup>st</sup> each year will be treated as follows:

- If the NFCIMA balance is a negative/credit amount (i.e., SDG&E’s costs exceed its obligations), then the year-end balance will carry over to the next year.
- If the NFCIMA is a positive/debit amount, then 5% of the balance will be added to the nuclear fuel investment regulatory asset. This shall increase the nuclear fuel investment regulatory asset and subsequent revenue requirement. The positive/debit balance will not carry over to the next year and the beginning balance will reset to zero.

## **MODIFICATIONS TO EXISTING BALANCING ACCOUNTS**

### **1. Energy Resource Recovery Account (“ERRA”)**

SDG&E is modifying the ERRA to include transfers in accordance with Sections 4.12 and 4.13, including the following:

- SGRP revenue requirement identified as a refund to ratepayers in Section 4.2;
- Capital-related revenue requirement associated with Base Plant identified as a refund to ratepayers in Section 4.3, including the regulatory asset accounting for CWIP, M&S, and Nuclear Fuel Investment;



- Operation and Maintenance (“O&M”) costs recorded in the SONGS Balancing Account (“SONGSBA”) that resulted in an overcollected balance and has been identified as a refund to ratepayers as required by Section 4.9;
- Non-O&M overcollection identified as a refund to ratepayers as required by Section 4.9;
- Nuclear Decommissioning Trust (“NDT”) funds received for any portion of the SONGS-related O&M or Non-O&M expenses recorded in 2013 and 2014 pursuant to Section 4.9; and
- Year-end allocation of>NNLMA pursuant to Section 4.11(d).

## **2. Non-Fuel Generation Balancing Account (“NGBA”)**

SDG&E is modifying the NGBA pursuant to Sections 4.2 through 4.9 of the Settlement to:

- Eliminate monthly entries that record the Steam Generator Replacement Program (SRGP) revenue requirement;
- Amortize the regulatory asset through February 1, 2022;
- Record the net proceeds from the sale of M&S inventory;
- Record transfer of SONGS 2&3 Permanent Closure Non-Investment Related Expenses Memorandum Account (“SPCEMA”) per Tariff Account Disposition;
- Record transfers of ratepayers’ portion of net proceeds from the>NNLMA; and
- Remove SONGS Major Additions Adjustment Clause (“MAAC”) subaccount, which is no longer applicable.

## **3. SONGS Balancing Account (“SONGSBA”)**

SDG&E is modifying the SONGSBA as a result of the Settlement to include transfers of the SONGSBA overcollected balance to the ERRA and NGBA for the portions identified as refunds to ratepayers in Sections 4.9 and 4.12 of the Settlement.

## **4. SONGS 2&3 Procedures**

SDG&E is modifying the SONGS 2&3 Procedures in accordance with Sections 4.3, 4.5, 4.6, and 4.8 of the Settlement, detailing the treatment of Base Plant, M&S, Nuclear Fuel Investment and CWIP.

SDG&E updated the description in the General section of these procedures to clarify that only costs meeting the requirements of Internal Revenue Code Section 468A and its related Treasury Regulations are eligible to be paid with NDT funds.

## **5. SONGS 2&3 Permanent Closure Non-Investment Related Expenses Memorandum Account (SPCEMA)**

SDG&E is modifying the SPCEMA Purpose as a result of the Settlement to clarify that only costs meeting the requirements of Internal Revenue Code Section 468A and its related Treasury Regulations are eligible to be paid with NDT funds. SDG&E also modified the Account Disposition to provide for the transfer of the annual interest to the NGBA.

## **EFFECTIVE DATE**

Pursuant to G.O. 96-B and Section 6.1 of the Settlement Agreement, SDG&E believes this filing is subject to Energy Division disposition and should be classified as Tier 1 (effective pending disposition). SDG&E respectfully requests that this filing become effective on November 26, 2014, the date filed.

**PROTEST**

Anyone may protest this Advice Letter to the California Public Utilities Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received by December 16, 2014, twenty days from the date filed. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue  
San Francisco, CA 94102

Copies of the protest should also be sent via e-mail to the attention of the Energy Division Tariff Unit (EDTariffUnit@cpuc.ca.gov). A copy of the protest should also be sent via both e-mail and facsimile to the address shown below on the same date it is mailed or delivered to the Commission.

Attn: Megan Caulson  
Regulatory Tariff Manager  
8330 Century Park Court, Room 32C  
San Diego, CA 92123-1548  
Facsimile No. (858) 654-1879  
E-Mail: mcaulson@semprautilities.com

**NOTICE**

A copy of this filing has been served on the utilities and interested parties shown on the attached list and to service list for I.12-10-013 (and consolidated matters A.13-01-016, A.13-03-005, A.13-03-013, and A.13-03-014) by either providing them a copy electronically or by mailing them a copy hereof, properly stamped and addressed.

Address changes should be directed to SDG&E Tariffs by facsimile at (858) 654-1879 or by e-mail at SDG&ETariffs@semprautilities.com.

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CLAY FABER  
Director - Regulatory Affairs

(cc list enclosed)

# CALIFORNIA PUBLIC UTILITIES COMMISSION

## ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SAN DIEGO GAS & ELECTRIC (U 902)**

Utility type:

ELC

GAS

PLC

HEAT

WATER

Contact Person: Joff Morales

Phone #: (858) 650-4098

E-mail: jmorales@semprautilities.com

### EXPLANATION OF UTILITY TYPE

ELC = Electric

GAS = Gas

PLC = Pipeline

HEAT = Heat

WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2675-E

Subject of AL: Modifications to SDG&E Preliminary Statement Required for Implementation of SONGS OII 12-10-013 Settlement Agreement Pursuant to D.14-11-040

Keywords (choose from CPUC listing): Memorandum, Balancing Accounts, SONGS

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

Decision 14-11-040

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: None

Summarize differences between the AL and the prior withdrawn or rejected AL<sup>1</sup>: N/A

Does AL request confidential treatment? If so, provide explanation: N/A

Resolution Required?  Yes  No

Tier Designation:  1  2  3

Requested effective date: 11/26/2014

No. of tariff sheets: 25

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: See Attachment A

Service affected and changes proposed<sup>1</sup>: N/A

Pending advice letters that revise the same tariff sheets: None

**Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:**

**CPUC, Energy Division**

**Attention: Tariff Unit**

**505 Van Ness Ave.,**

**San Francisco, CA 94102**

**EDTariffUnit@cpuc.ca.gov**

**San Diego Gas & Electric**

**Attention: Megan Caulson**

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General Order No. 96-B  
ADVICE LETTER FILING MAILING LIST

cc: (w/enclosures)

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I.12-10-013

A.13-01-016

A.13-13-005

A.13-03-013

A.13-03-014

ATTACHMENT A  
ADVICE LETTER 2675-E

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
Revised 25566-E	PRELIMINARY STATEMENT, II. BALANCING ACCOUNTS, ENERGY RESOURCE RECOVERY ACCOUNT (ERRA), Sheet 1	Revised 23926-E
Revised 25567-E	PRELIMINARY STATEMENT, II. BALANCING ACCOUNTS, ENERGY RESOURCE RECOVERY ACCOUNT (ERRA), Sheet 2	Revised 23927-E
Revised 25568-E	PRELIMINARY STATEMENT, II. BALANCING ACCOUNTS, ENERGY RESOURCE RECOVERY ACCOUNT (ERRA), Sheet 3	Revised 23928-E
Revised 25569-E	PRELIMINARY STATEMENT, II. BALANCING ACCOUNTS, ENERGY RESOURCE RECOVERY ACCOUNT (ERRA), Sheet 4	Revised 24565-E
Revised 25570-E	PRELIMINARY STATEMENT, II. BALANCING ACCOUNTS, ENERGY RESOURCE RECOVERY ACCOUNT (ERRA), Sheet 5	Revised 24566-E
Original 25571-E	PRELIMINARY STATEMENT, II. BALANCING ACCOUNTS, ENERGY RESOURCE RECOVERY ACCOUNT (ERRA), Sheet 6	
Revised 25572-E	PRELIMINARY STATEMENT, II. BALANCING ACCOUNTS, NON-FUEL GENERATION BALANCING ACCOUNT (NGBA), Sheet 1	Revised 23814-E
Revised 25573-E	PRELIMINARY STATEMENT, II. BALANCING ACCOUNTS, NON-FUEL GENERATION BALANCING ACCOUNT (NGBA), Sheet 2	Revised 23815-E
Revised 25574-E	PRELIMINARY STATEMENT, II. BALANCING ACCOUNTS, NON-FUEL GENERATION BALANCING ACCOUNT (NGBA), Sheet 3	Revised 23816-E
Revised 25575-E	PRELIMINARY STATEMENT, II. BALANCING ACCOUNTS, NON-FUEL GENERATION BALANCING ACCOUNT (NGBA), Sheet 4	Revised 23768-E
Revised 25576-E	PRELIMINARY STATEMENT, II. BALANCING ACCOUNTS, SONGS O&M BALANCING ACCOUNT (SONGSBA), Sheet 1	Revised 23817-E
Original 25577-E	PRELIMINARY STATEMENT, II. BALANCING ACCOUNTS, SONGS O&M BALANCING ACCOUNT (SONGSBA), Sheet 2	
Original 25578-E	PRELIMINARY STATEMENT, III. MEMORANDUM ACCOUNTS, Mitsubishi Net Litigation Memorandum Account (MNLMA), Sheet 1	
Original 25579-E	PRELIMINARY STATEMENT, III. MEMORANDUM ACCOUNTS, Mitsubishi Net Litigation Memorandum Account (MNLMA), Sheet 2	

ATTACHMENT A  
ADVICE LETTER 2675-E

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
Original 25580-E	PRELIMINARY STATEMENT, III. MEMORANDUM ACCOUNTS, Nuclear Fuel Cancellation Incentive Memorandum Account (NFCIMA), Sheet 1	
Original 25581-E	PRELIMINARY STATEMENT, III. MEMORANDUM ACCOUNTS, NEIL Net Litigation Memorandum Account (NNLMA), Sheet 1	
Original 25582-E	PRELIMINARY STATEMENT, III. MEMORANDUM ACCOUNTS, NEIL Net Litigation Memorandum Account (NNLMA), Sheet 2	
Original 25583-E	PRELIMINARY STATEMENT, III. MEMORANDUM ACCOUNTS, SONGS 2&3 PERMANENT CLOSURE NON-INVESTMENT RELATED EXPENSE (SPCEMA), Sheet 1	
Revised 25584-E	PRELIMINARY STATEMENT, V. SONGS 2&3 PROCEDURES, Sheet 1	Revised 17006-E
Revised 25585-E	PRELIMINARY STATEMENT, V. SONGS 2&3 PROCEDURES, Sheet 2	Revised 17007-E
Original 25586-E	PRELIMINARY STATEMENT, V. SONGS 2&3 PROCEDURES, Sheet 3	
Original 25587-E	PRELIMINARY STATEMENT, V. SONGS 2&3 PROCEDURES, Sheet 4	
Revised 25588-E	TABLE OF CONTENTS, Sheet 1	Revised 25488-E
Revised 25589-E	TABLE OF CONTENTS, Sheet 2	Revised 24941-E
Revised 25590-E	TABLE OF CONTENTS, Sheet 3	Revised 25386-E



**PRELIMINARY STATEMENT**

Sheet 1

**II. BALANCING ACCOUNTS**  
**ENERGY RESOURCE RECOVERY ACCOUNT (ERRA)**

1. Purpose

Pursuant to D.02-10-062 and D.02-12-074, the purpose of the ERRA is to provide full recovery of the Utility's energy procurement costs associated with fuel and purchased power, Utility retained generation (URG), ISO related costs, greenhouse gas (GHG) costs for compliance instrument transactions under California cap-in-trade program pursuant to Assembly Bill (AB) 32, and costs associated with its residual net short procurement requirements to serve its electric bundled service customers. ERRA includes the Greenhouse Gas ("GHG") cost sub-balancing account to record the procurement-related GHG costs during the time that recovery of the costs are temporarily deferred pursuant to D.12-12-033 and D.13-10-053.

The ERRA shall include revenues received from the Utility's Electric Energy Commodity Charge (EECC) adjusted to exclude revenues assigned to any state agency, including the California Department of Water Resources (DWR). In addition, the ERRA shall include revenues from Schedule EECC-TBS. Pursuant to D.02-12-074, ongoing transition costs ("above market") associated with qualifying facilities and eligible purchase power contracts should be recorded in the Transition Cost Balancing Account (TCBA). Pursuant to D.10-12-034, the ERRA shall record the revenues or costs related to convergence bidding. In compliance with AB 920, the ERRA shall record any net surplus compensation payment made to eligible customer-generators, including where applicable, additional payments for renewable attributes in accordance with SDG&E's Net Surplus Compensation Program. Pursuant to D.08-02-034, the ERRA shall record any incentive payments made to customers in accordance with the Peak Time Rebate (PTR) program.

The ERRA shall also record items associated with SONGS Units 2 and 3 pursuant to SONGS Amended and Restated Settlement Agreement ("Settlement") approved in D.14-11-040. These include transfers per sections 4.12 and 4.13 of the Settlement.

- Steam Generator Replacement Program (SGRP) revenue requirement identified as a refund to ratepayers in section 4.2 of the Settlement;
- Capital-related revenue requirement associated with Base Plant identified as a refund to ratepayers in section 4.3 of the Settlement, including the regulatory asset accounting for Construction Work in Progress (CWIP), Materials and Supplies (M&S) and Nuclear Fuel;
- Operation and Maintenance (O&M) costs recorded in SONGS Balancing Account (SONGSBA) that resulted in an overcollected balance and identified as a refund to ratepayers as required in section 4.9 of the Settlement;
- Non-O&M overcollection identified as a refund to ratepayers as required in section 4.9 of the Settlement;
- Nuclear Decommissioning Trust (NDT) funds received for any portion of the SONGS-related O&M or Non-O&M expenses recorded in 2013 and 2014 per section 4.9 of the Settlement and
- Year-end allocation of NEIL Net Litigation Memorandum Account (NNLMA) per section 4.11(d) of the Settlement.

Refer to SONGS 2 & 3 Procedures in section V of SDG&E's Preliminary Statement for information on the amortization of regulatory assets per the Settlement.

The total ERRA balance is a combination of accounting procedures in sections 5 and 6.

(Continued)

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**PRELIMINARY STATEMENT**

Sheet 2

**II. BALANCING ACCOUNTS  
ENERGY RESOURCE RECOVERY ACCOUNT (ERRA)**

2. Applicability

The ERRA shall be applied only to the Utility's electric bundled service customers.

3. Rates

The ERRA rate shall be recovered through the EECC rate.

4. Effective Date

This tariff is effective for service rendered on and after January 1, 2003.

5. Accounting Procedure

The Utility shall maintain the ERRA by making entries at the end of each month as follows:

- a. An entry equal to the at or below market costs associated with the Portland General Electric contract.
- b. An entry equal to the at or below market costs associated with the Utility's eligible qualifying facility (QF) contracts.
- c. An entry equal to the costs associated with the Utility's other purchase power, including renewable energy procurement.
- d. An entry equal to the costs associated with electric generation fuel and fuel-related expenses, including in lieu payments payable to communities where SDG&E is transporting its own gas through its own gas transmission or distribution system, or both, for purposes of generating electricity or for use in its own operations.
- e. An entry equal to ISO-related costs charged to the Utility, including ISO charges related to DWR contracts where SDG&E is the scheduling coordinator on behalf of DWR.
- f. An entry equal to the costs associated with the Utility's energy procurement commitments and self procured ancillary service costs to fulfill its net short electric requirement.
- g. An entry equal to other energy procurement-related costs not recovered through the Utility's Cost of Service or other cost recovery mechanism.

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**PRELIMINARY STATEMENT**

**II. BALANCING ACCOUNTS  
ENERGY RESOURCE RECOVERY ACCOUNT (ERRA)**

5. Accounting Procedure (Continued)

- h. An entry equal to the revenue billed during the month from the Schedule EECC rate adjusted to exclude revenues assigned to the DWR net of franchise fees and uncollectible accounts expense. The revenue shall be adjusted to credit the revenue shortfall, associated with the Family Electric Rate Assistance (FERA) Program, recorded in the FERA Subaccount in the electric Baseline Balancing Account (BBA) as authorized in Commission D.04-02-057.
- i. An entry equal to the revenue billed during the month from the Electric Energy Commodity Cost – Transitional Bundled Service Schedule (Schedule EECC-TBS), net of franchise fees and uncollectible accounts expense.
- j. An entry equal to the revenue received from the CCA Cost Responsibility Surcharge, net of the revenue assigned to DWR.
- k. An entry to reflect any transfers to or from other regulatory accounts as authorized by the Commission, including transfers related to the Settlement as approved in D.14-11-040 and described in section 1 above.
- l. An entry, as applicable, to reflect the ratepayer portion of the electric generator refunds as directed in Resolution E-3893.
- m. An entry, as applicable, to record the costs from the eligible combined heat and power (CHP) system participating under AB 1613, as authorized by D.09-12-042 and as modified by D.10-04-055, D.10-12-055, and D.11-04-033, including the 10% location bonus and any greenhouse gas compliance costs.
- n. A debit entry equal to energy incentive payments for applicable programs adopted in D.05-01-056 and modified in D.09-08-027.
- o. An entry to reflect any rewards or penalties associated with the adopted heat rate incentive authorized in D. 04-06-011 for the Palomar Energy Center.
- p. A debit entry to record the fees associated with participation in the Western Renewable Energy Generation Information System (WREGIS).
- q. An entry to reflect the revenues or costs associated with procurement transactions for Congestion Revenue Rights (CRRs).
- r. A debit entry equal to Peak Time Rebate (PTR) incentive payments made to residential and small commercial customers as authorized in D.08-02-034.

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**PRELIMINARY STATEMENT**

Sheet 4

**II. BALANCING ACCOUNTS  
ENERGY RESOURCE RECOVERY ACCOUNT (ERRA)**

5. Accounting Procedure (Continued)

- s. A credit or debit entry equal to the revenues or costs related to convergence bidding as authorized in D.10-12-034.
- t. A debit entry to record costs associated with equity rebalancing, as authorized by the Commission, due to FIN 46(R)/FAS 167 consolidations.
- u. A debit entry equal to the costs associated with the procurement and/or trading transactions for tradable renewable energy credits (TRECs) as authorized in D.11-01-025.
- v. A credit entry equal to the proceeds received from the sale of TRECs as authorized in D.11-01-025.
- w. A debit entry equal to net surplus compensation payments, including any payments for associated renewable attributes made to eligible customer-generators for the Net Surplus Compensation Program in compliance with AB 920.
- x. An entry to account for cost disallowances or additions as authorized by the Commission.
- y. A debit entry equal to the GHG procurement costs for SDG&E's GHG compliance instrument transactions under the California cap-and-trade program pursuant to AB 32, unless accounted for in section 6 per D.12-12-003.
- z. A debit entry equal to the balance in the GHG sub-balancing account for the portion authorized to recover in rates from the sub-balancing account in section 6.
- aa. Interest shall be calculated on the average of the balance at the beginning of the month and the balance after entries listed above at a rate equal to one-twelfth of the interest rate on three-month Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15. or its successor.

6. Greenhouse Gas (GHG) Cost Sub-Balancing Account

The following sub-balancing account entries record the procurement related GHG costs during the time that recovery of the costs are temporarily deferred per D.12-12-033 and D.13-10-053. Once recovery in rates begins, the entries track the transfer of costs from the sub-balancing account to the main ERRA in section 5 above.

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**PRELIMINARY STATEMENT**

**II. BALANCING ACCOUNTS**  
**ENERGY RESOURCE RECOVERY ACCOUNT (ERRA)**

6. Greenhouse Gas (GHG) Cost Sub-Balancing Account (continued)

Accounting Procedures

The Utility shall maintain the GHG cost sub-balancing account by making the following entries each month:

- a. A debit entry equal to GHG procurement costs for SDG&E's GHG compliance instrument transactions under the California cap-and-trade program pursuant to AB 32, deferred for future recovery in rates.
- b. A credit entry equal to the balance in the sub-account for the portion authorized to be recovered in rates.
- c. An entry to reflect any transfers to or from the main ERRA in section 5.
- d. Interest shall be calculated on the average of the balance at the beginning of the month and the balance after entries listed above at a rate equal to one-twelfth of the interest rate on three-month Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15. or its successor.

7. Trigger Mechanism

In accordance with Assembly Bill (AB) 57, a trigger mechanism will be in place that will consider the relationship between the cumulative balance in the ERRA and the prior year recorded generation revenues excluding revenues collected for DWR. Recorded generation revenues for 2013, excluding revenues collected for DWR, were \$1,127 million. D.11-07-041 modifies the monthly ERRA trigger calculation to allow offsets of Under- or Over-collections with the balance in its NGBA as follows:

- a. Offset an ERRA under-collected balance with a NGBA over-collected balance; or
- b. Offset an ERRA over-collected balance with a NGBA under-collected balance; and
- c. Offset the ERRA balance with the NGBA balance prior to dividing it by the prior year's annual recorded electric revenues, excluding DWR revenue; and
- d. Advise the Commission that it has implemented a NGBA-offset by including both the standard ERRA trigger calculation and the NGBA-offset trigger calculation in its monthly ERRA compliance report to the Commission.

Applying the NGBA balance to the ERRA balance, when calculating the trigger, would only occur if the account balances are offsetting and would result in reducing the ERRA under/overcollection.

The Greenhouse Gas cost sub-balancing account records costs as described above which are currently deferred until declaration by the CPUC that the greenhouse gas allocation methodology is ready for implementation. Costs recorded in the GHG sub-account are excluded from the monthly trigger calculation as recovery of these costs is still to be determined by the Commission.

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**PRELIMINARY STATEMENT**

**II. BALANCING ACCOUNTS  
ENERGY RESOURCE RECOVERY ACCOUNT (ERRA)**

7. Trigger Mechanism (continued)

Pursuant to D. 07-05-008, in any month when the balance in the ERRA, adjusted by the NGBA balance as applicable, reaches 4% (\$45.1 million) of the prior year recorded electric commodity revenues excluding DWR revenue, the Utility will notify the Commission through advice letter filing, instead of expedited application, that no rate change will be necessary if the Utility forecasts that the ERRA balance will self-correct below the trigger within 120 days of filing. The Utility shall include the necessary documentation to support this advice letter filing. The Utility shall continue to file an expedited application during those instances where the ERRA balance exceeds the trigger point and rate changes are necessary to amortize the balance. In those instances where the Commission rejects an advice letter filing, the Utility shall file an application within 15 days after rejection. The application will include a projected account balance in 60 days or more from the date of filing depending on when the balance will reach the 5% (\$56.3 million) threshold. The application will also propose an amortization period for the five percent of not less than 90 days to ensure timely recovery of the projected ERRA balance. The application should also include allocation of the amortized balance among customers based on the existing allocation methodology recognized by the Commission.

8. Filing and Update Process

The ERRA will follow a semiannual update process as described in D.02-10-062 and D.02-12-074 as well as D.04-01-050, as modified by D.13-09-003. The Utility will file applications on April 15 and June 1 of each year. The April 15 application will propose an energy resource forecast for the following calendar year and a new ERRA rate based on that forecast. The June 1 will address the review of the balancing account, contract administration, energy resources expenses and energy dispatch.

9. Disposition

Effective January 1, 2010, in compliance with Ordering Paragraph (OP) 2 of D.09-04-021, disposition of the balance in the ERRA shall be addressed as part of the Utility's annual regulatory account update filing, for inclusion in rates January 1<sup>st</sup> of each year, if that balance is below the 5% ERRA trigger threshold.

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**PRELIMINARY STATEMENT**

Sheet 1

**II. BALANCING ACCOUNTS**  
**NON-FUEL GENERATION BALANCING ACCOUNT (NGBA)**

1. Purpose:

The purpose of the NGBA is to provide recovery of approved electric generation non-fuel costs not being recovered by another component of SDG&E's rates. Currently, the Utility has ownership interest in: San Onofre Nuclear Generating Station (SONGS), Miramar Energy Facilities ("MEF") I & II, Palomar Energy Center facility ("Palomar"), Desert Star Energy Center ("Desert Star"), Cuyamaca Peak Energy Plant ("CPEP") and the Utility Owned Generation portion of SDG&E's Solar Photovoltaic Program currently Solar Energy Project facilities ("SEP").

The NGBA shall also record items associated with SONGS Units 2 and 3 pursuant to SONGS Amended and Restated Settlement Agreement ("Settlement") approved in D.14-11-040. See section 3 below.

2. Applicability:

The NGBA shall be applied only to the Utility's bundled service customers.

3. Generation Non-fuel Revenue Requirement:

SONGS:

The generation non-fuel revenue requirement shall consist of the SONGS operating & maintenance ("O&M") and non O&M approved for SDG&E in the Southern California Edison ("SCE") General Rate Case ("GRC") (D.12-11-051), the SDG&E General Rate Case (D.13-05-010) and the Settlement approved in D.14-11-040. The 2012 revenue requirement authorized in D.12-11-051, D.13-05-010 and D.14-11-040 shall be adjusted in attrition years based on 1) SCE's approved escalation of O&M and capital established in its 2012 GRC and 2) SDG&E's approved escalation of cost established in its 2012 GRC.

The Settlement includes the removal of Steam Generator Replacement Program revenue requirement per section 4.2 of the Settlement; the amortization of regulatory assets (Base Plant, Materials & Supplies Investment ("M&S"), Construction Work in Progress, and Nuclear Fuel Investment) ending February 1, 2022 per sections 4.3 through 4.8 of the Settlement; treatment for net proceeds from the sale of M&S per section 4.5 of the Settlement; treatment for O&M and Non-O&M revenue requirement per section 4.9 of the Settlement; treatment of assets provisionally authorized prior to implementation of new base rates pursuant to SDG&E's next GRC decision per section 4.13 of the Settlement; transfers from SONGS Balancing Account (SONGSBA) per section 4.9(j)(ii) of the Settlement; and transfers from Mitsubishi Net Litigation Memorandum Account (MNLMA) per section 4.11(d)(iii) of the Settlement. Refer to SONGS 2 & 3 Procedures in section V of SDG&E's Preliminary Statement for information on the amortization of regulatory assets per the Settlement.

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**PRELIMINARY STATEMENT**

Sheet 2

**II. BALANCING ACCOUNTS**  
**NON-FUEL GENERATION BALANCING ACCOUNT (NGBA)**

3. Generation Non-fuel Revenue Requirement (continued):

MEF I & II and PALOMAR:

The generation non-fuel revenue requirement shall consist of the operating and maintenance and capital-related costs approved in SDG&E's General Rate Case (D.13-05-010). The 2012 revenue requirement shall be adjusted in attrition years based on SDG&E's approved escalation of costs established in its GRC. The fuel costs of the MEF I & II and Palomar shall be recorded in the Energy Resource Recovery Account (ERRA). Any revenues received from the Independent System Operator (ISO) under the reliability-must run (RMR) contract shall be credited to the NGBA.

DESERT STAR:

The generation non-fuel revenue requirement shall consist of the adopted operating and maintenance, and capital-related costs approved in D.07-11-046 and updated through advice letter upon in-service date of October 1, 2011 and in a manner consistent with other generation assets per D.13-05-010. Desert Star's fuel costs shall be recorded in the ERRA.

CPEP:

The generation non-fuel revenue requirement shall consist of the adopted operating and maintenance, and capital-related costs approved in D.11-12-002, modified in D.13-01-005 and in a manner consistent with other generation assets per D.13-05-010. Fuel costs for CPEP shall be recorded in the ERRA.

SEP:

The non-fuel revenue requirement shall consist of the adopted administrative and procurement costs as well as the authorized revenue requirement for each SDG&E Solar Energy Project facility adopted in D.10-09-016.

4. NGBA Rate

Once the generation non-fuel revenue requirement is established, the NGBA rate will be included as part of the Utility's total schedule EECC rate. The NGBA rate will be equal to the total adopted generation non-fuel revenue requirement including the Settlement related items in D.14-11-040 divided by the authorized forecasted sales for the current calendar year.

5. Effective Date

This tariff is effective for service rendered on and after January 1, 2004.

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**PRELIMINARY STATEMENT**

Sheet 3

**II. BALANCING ACCOUNTS**  
**NON-FUEL GENERATION BALANCING ACCOUNT (NGBA)**

6. Accounting Procedure

The Utility shall maintain the NGBA by making entries at the end of each month as follows:

- a. A debit entry equal to 1/12 of the authorized annual generation non-fuel revenue requirement for SONGS, as established in D.12-11-051, D.13-05-101 and D.14-11-040.
- b. A debit entry equal to 1/12 of the authorized annual generation non-fuel revenue requirement for the MEF I & II and Palomar as established in D.13-05-010.
- c. A debit entry equal to 1/12 of the authorized annual generation non-fuel revenue requirement for Desert Star.
- d. A debit entry equal to 1/12 of the authorized annual generation non-fuel revenue requirement for the CPEP.
- e. A debit entry equal to the amortization of SONGS-related regulatory assets through February 1, 2022 per the Settlement D.14-11-040 described in section 3 above.
- f. A credit entry reflecting funds withdrawn from the Nuclear Decommissioning Trust in an amount equal to the decommissioning costs previously recorded in NGBA per the Settlement D.14-11-040 and relating to M&S Investment and CWIP.
- g. A credit entry equal to any revenues received from the ISO for reliability must run (RMR) contract.
- h. A credit entry equal to the revenue billed during the month from the NGBA rate, net of franchise fees and uncollectibles.
- i. An entry to reflect any transfers to or from other regulatory accounts as authorized by the Commission including transfers directly and indirectly related to the Settlement D.14-11-040 such as transfers impacting SONGSBA, MNLMA, SONGS 2&3 Permanent Closure Non-Investment-Related Expenses Memorandum Account (SPCEMA),
- j. A credit entry equal to the net proceeds from the sale of M&S inventory.
- k. Interest shall be calculated on the average of the balance at the beginning of the month and the balance after entries listed above at a rate equal to one-twelfth of the interest rate on three-month Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15. or its successor.

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San Diego Gas & Electric Company  
San Diego, California

Revised Cal. P.U.C. Sheet No. 25575-E

Canceling Revised Cal. P.U.C. Sheet No. 23768-E

**PRELIMINARY STATEMENT**

Sheet 4

II. BALANCING ACCOUNTS  
NON-FUEL GENERATION BALANCING ACCOUNT (NGBA)

7. Disposition

Disposition of the balance in the NGBA shall be addressed as part of the Utility's annual consolidated electric rate change filed via advice letter in December of each year.

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**PRELIMINARY STATEMENT**

Sheet 1

**II. BALANCING ACCOUNTS**  
**SONGS O&M BALANCING ACCOUNT (SONGSBA)**

1. Purpose:

Pursuant to Commission Decision (D.) 06-11-026, the SONGSBA is a two-way balancing account that records the difference between 1) The Utility's authorized SONGS operation and maintenance (O&M) revenue requirement for costs billed by Southern California Edison (SCE) to the Utility including refueling outage O&M and contractual overheads, and 2) The actual costs billed to the Utility by SCE under the SONGS Operating Agreement for SONGS O&M expenses, including refueling outage O&M, and contractual overheads.

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The SONGSBA shall record items associated with SONGS Unit 2 and 3 pursuant to SONGS Amended and Restated Settlement Agreement ("Settlement") approved in D.14-11-040. These include transfers of SONGSBA overcollected balance to the Energy Resource Recovery Account (ERRA) and the Non-Fuel Generation Balancing Account (NGBA) for the portion identified as a refund to ratepayers as required in sections 4.9 and 4.12 of the Settlement.

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2. Applicability:

The SONGSBA shall apply to bundled customers unless otherwise specified by the Commission.

3. Effective Date:

January 1, 2007 until, in accordance with Conclusion of Law 13 of D.14-11-040, the Commission orders the account's closure.

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4. Rates:

The SONGSBA balance shall be applied to rates as described in Section 6 below.

5. Accounting Procedure:

The Utility shall maintain the SONGSBA by making entries at the end of each month as follows:

- a. A debit entry equal to the actual costs for all operation and maintenance (O & M), including refueling outage O&M and contractual overheads billed to the Utility by Southern California Edison (SCE).

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(Continued)

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**PRELIMINARY STATEMENT**

Sheet 2

**II. BALANCING ACCOUNTS**  
**SONGS O&M BALANCING ACCOUNT (SONGSBA)**

5. Accounting Procedure: (continued)

- b. A credit entry equal to one-twelfth of the Utility's authorized SONGS O&M revenue requirement for costs billed by SCE including refueling outage O&M and contractual overheads.
- c. A credit entry reflecting funds withdrawn from the nuclear decommissioning trust in an amount equal to the decommissioning costs recorded in the SONGSBA.
- d. An entry to reflect transfers to ERRRA and NGBA as authorized by the Settlement approved in D.14-11-040 and described in section 1 above.
- e. Interest shall be calculated on the average of the balance at the beginning of the month and the balance after entries listed above at a rate equal to one-twelfth of the interest rate on three-month Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15, or its successor publication.

6. Account Disposition:

The balance in the SONGSBA shall be transferred annually to the Non-fuel Generation Balancing Account (NGBA) or as otherwise directed in the Settlement.

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**PRELIMINARY STATEMENT**

Sheet 1

III. MEMORANDUM ACCOUNTS

Mitsubishi Net Litigation Memorandum Account (MNLMA)

1. Purpose:

Pursuant to the SONGS Amended and Restated Settlement Agreement ("Settlement") approved in D.14-11-040, the MNLMA is created as of January 31, 2012 as a tracking only account and does not post to SDG&E's general ledger. The purpose of the MNLMA is to support the calculation of the sharing mechanism between SDG&E and Ratepayers for SONGS net litigation recoveries.

The MNLMA shall apply the sharing mechanism pursuant to sections 4.11(c) and (d) of the Settlement by recording the difference between (A) SONGS litigation costs incurred by SDG&E related to securing recoveries from Mitsubishi Heavy Industries, Ltd, and related entities, such as Mitsubishi Nuclear Energy Systems and Mitsubishi Heavy Industries America Inc., and any third party who has insured or indemnified any of these entities for any amounts owed to the Utilities in respect of the SONGS Units 2 and 3 replacement steam generators (collectively, MHI), and (B) recoveries received from MHI.

2. Tracking Procedures:

SDG&E shall maintain the MNLMA with the following entries:

- a. Effective January 31, 2012, a debit entry equal to the litigation costs related to pursuing recovery and planning to pursue recovery from MHI;
- b. A credit entry equal to the MHI recoveries received; and
- c. An entry equal to interest on the average balance in the account at the beginning of the month and the balance after the entries listed above, at a rate equal to one-twelfth of the rate on three month Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15 or its successor.

(Continued)

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**PRELIMINARY STATEMENT**

Sheet 2

III. MEMORANDUM ACCOUNTS

Mitsubishi Net Litigation Memorandum Account (MNLMA)

3. Disposition of the Ending Balance:

As of December 31<sup>st</sup> of every year, if the net proceeds in the MNLMA result in a positive/debit balance, then the year-end balance will carry over to next year.

If balance in the MNLMA as of December 31<sup>st</sup> is a negative/credit balance, then the following entries shall be recorded and serve to set the MNLMA to zero on the first of the year following any distributions.

- a. Record a debit entry for 50% of the balance representing the portion that SDG&E will retain.
- b. Record a debit entry to transfer the remaining 50% balance representing the Ratepayer's portion as follows:
  - i. For the first \$71 million, record a year-end debit entry for the Ratepayer's portion that will be transferred as a credit to the Non-fuel Generation Balancing Account (NGBA).
  - ii. After distributing up to the \$71 million described in 3(b)(i), record a year-end debit entry for amounts in excess of \$71 million that will be transferred as a credit to SDG&E's regulatory assets (Base Plant, CWIP, Material and Supplies, and Nuclear Fuel) in this order which decreases the annual revenue requirement for each asset.
  - iii. After SDG&E's regulatory assets are reduced to zero by the mechanism described in 3(b)(ii), record a year-end debit entry for any remaining amounts to be distributed to Ratepayers and that will be transferred as a credit to the NGBA.

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**PRELIMINARY STATEMENT**

Sheet 1

III. MEMORANDUM ACCOUNTS

Nuclear Fuel Cancellation Incentive Memorandum Account (NFCIMA)

1. Purpose:

Pursuant to the SONGS Amended and Restated Settlement Agreement ("Settlement") approved in D.14-11-040, the NFCIMA is created as of January 31, 2012 as a tracking only account and does not post to SDG&E's general ledger. The purpose of the NFCIMA is to support the calculation of the incentive mechanism for the mitigation of SONGS nuclear fuel costs.

The NFCIMA shall apply the incentive mechanism pursuant to Section 4.7(c) of the Settlement by recording the difference between (A) SDG&E's share of the nuclear fuel contracts purchase obligation and (B) SDG&E's nuclear fuel cancellation costs.

2. Tracking Procedures:

SDG&E shall maintain the NFCIMA with the following entries:

- a. Effective January 31, 2012, every time a fuel contract is cancelled (or obligations thereunder are relieved), a debit entry equal to SDG&E's share of the nuclear fuel contracts obligation;
- b. A credit entry equal to SDG&E's share of the nuclear fuel cancellation costs as they are incurred; and
- c. An entry equal to interest on the average balance in the account at the beginning of the month and the balance after the entries listed above, at a rate equal to one-twelfth of the rate on three month Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15 or its successor.

3. Disposition of the Ending Balance:

As of December 31<sup>st</sup> of each year, if the NFCIMA balance is a negative/credit amount, then the year-end balance will carry over to next year.

If balance in the NFCIMA as of December 31<sup>st</sup> is a positive/debit amount, then 5% of the balance will be added to the nuclear fuel investment regulatory asset. This shall increase the nuclear fuel investment regulatory asset and subsequent revenue requirement. The positive balance will not carry over to the next year and the beginning balance will reset to zero.

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**PRELIMINARY STATEMENT**

Sheet 1

**III. MEMORANDUM ACCOUNTS**  
**NEIL Net Litigation Memorandum Account (NNLMA)**

1. Purpose:

Pursuant to the SONGS Amended and Restated Settlement Agreement ("Settlement") approved in D.14-11-040, the NNLMA is created as of January 31, 2012 as a tracking only account and does not post to SDG&E's general ledger. The purpose of the NNLMA is to support the calculation of the sharing mechanism between SDG&E and Ratepayers for SONGS net litigation recoveries.

The NNLMA shall apply the sharing mechanism pursuant to section 4.11(c) (ii) of the Settlement by recording the difference between (A) SONGS litigation costs related to pursuing recovery and planning to pursue recovery from Nuclear Energy Insurance Limited (NEIL) and (B) recoveries received from NEIL.

The NNLMA shall include two Subaccounts: (1) NEIL Outage and (2) NEIL Other Recoveries.

2. Tracking Procedures:

SDG&E shall maintain the NNLMA with the following entries:

- a. Effective January 31, 2012, a debit entry equal to the litigation costs related to pursuing recovery and planning to pursue recovery from NEIL;
- b. A credit entry equal to the recoveries received from NEIL; and
- c. A debit entry to transfer the year-end negative/credit balance from the NNLMA to the Subaccounts based on the ratio of NEIL proceeds attributable to NEIL Outage Policy and NEIL Other Recoveries.
- d. An entry equal to interest on the average balance in the account at the beginning of the month and the balance after the entries listed above, at a rate equal to one-twelfth of the rate on three month Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15 or its successor.

3. Disposition of the Ending Balance:

On December 31<sup>st</sup>, if net proceeds in the NNLMA result in a positive/debit balance, then the year-end balance will carry over to next year.

If balance in the NNLMA as of December 31<sup>st</sup> is a negative/credit balance, then the balance will be transferred to the Subaccounts reflecting the ratio of NEIL recoveries attributable to each Subaccount:

(Continued)

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**PRELIMINARY STATEMENT**

III. MEMORANDUM ACCOUNTS  
NEIL Net Litigation Memorandum Account (NNLMA)

3. Disposition of the Ending Balance (continued)

**NEIL Outage Subaccount**

The negative/credit balance in the NEIL Outage Subaccount shall be shared between SDG&E (5%) and Ratepayers (95%). Entries to the Subaccount shall serve to set the Subaccount to zero on the first of the year following any distributions.

- a. Record a credit entry for the transfer from the NNLMA reflecting the ratio of NEIL recoveries attributable to NEIL Outage Policy.
- b. Record a debit entry for 5% of the balance representing the portion that SDG&E will retain.
- c. Record a debit entry for the remaining 95% balance representing the Ratepayer's portion that will be transferred as a credit to the Energy Resource Recovery Account (ERRA).

**NEIL Other Recoveries Subaccount**

The negative/credit balance in the NEIL Other Recoveries Subaccount shall be shared between SDG&E (17.5%) and Ratepayers (82.5%). Entries to the Subaccount shall serve to set the Subaccount to zero on the first of the year following any distributions.

- a. Record a credit entry for the transfer from the NNLMA reflecting the ratio of NEIL recoveries attributable to NEIL Other Recoveries.
- b. Record a debit entry for 17.5% of the balance representing the portion that SDG&E will retain.
- c. Record a debit entry for the remaining 82.5% balance representing the Ratepayer's portion that will be transferred as a credit to the ERRA.

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**PRELIMINARY STATEMENT**

Sheet 1

III. MEMORANDUM ACCOUNTS

SONGS 2&3 PERMANENT CLOSURE NON-INVESTMENT RELATED EXPENSE (SPCEMA)

1. Purpose:

Pursuant to Section V ("SONGS 2&3 Procedures") of SDG&E's Preliminary Statement, effective April 14, 2004, the purpose of the SPCEMA is to record all costs incurred by SDG&E on or after January 1, 2015 related to SONGS Units 2&3 that meet the requirements of Internal Revenue Code Section 468A and its related Treasury Regulations and are eligible to be paid with nuclear decommissioning trust funds.

2. Rates:

SPCEMA does not have a rate component.

3. Accounting Procedures:

The SPCEMA shall record the following entries:

- a. A debit entry equal to Units 2&3 costs eligible to be paid with nuclear decommissioning trust funds;
- b. A credit entry reflecting funds withdrawn from the nuclear decommissioning trust in an amount equal to the decommissioning costs previously recorded in the SPCEMA;
- c. An entry to reflect any transfers to or from other regulatory accounts as authorized by the Commission and
- d. An entry equal to interest on the average balance in the account at the beginning of the month and the balance after the entries listed above, at a rate equal to one-twelfth of the rate on three month Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15 or its successor.

4. Account Disposition:

The annual interest recorded in the SPCEMA shall be transferred annually to the Non-fuel Generation Balancing Account (NGBA).

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**PRELIMINARY STATEMENT**

Sheet 1

V. SONGS 2&3 PROCEDURES

PERMANENT CLOSURE OF SONGS 2&3

A. GENERAL

Permanent Closure of SONGS 2 and/or 3 shall be defined as the date on which the SONGS 2 and/or 3 main generator output disconnect switches are opened and the majority owner, Southern California Edison (SCE) declares the permanent closure of the unit(s). On June 7, 2013 SCE announced that SONGS Units 2&3 would not restart. On June 12, 2013, SCE submitted a Certificate of Permanent Cessation of Power Operations to the Nuclear Regulatory Commission ("NRC"), certifying that SCE has permanently ceased power operations of SONGS Units 2&3.

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In the event of a Permanent Closure of SONGS 2 and/or 3, or discontinuance of operations for a period of nine or more consecutive months, the utility shall:

1. Immediately notify the Commission in accordance with PU Code 455.5.
2. Recover from all CPUC-jurisdictional Customers all reasonably-incurred SONGS 2&3 property tax expenses.
3. Apply to the IRS for a letter ruling establishing that SONGS 2 and/or 3 has been abandoned for tax purposes. If that ruling is granted, the unamortized tax basis of the permanently closed unit(s) will be taken as a tax deduction offset by any applicable deferred income taxes, on the date of permanent closure. If a favorable ruling is not granted, the tax treatment will continue in accordance with the provisions described herein.
4. Recover all reasonably-incurred SONGS 2&3 costs sustained on or after January 1, 2015 related to SONGS Units 2&3 that meet the requirements of Internal Revenue Code Section 468A and its related Treasury Regulations and are eligible to be paid with nuclear decommissioning trust funds, and Unamortized Regulatory Assets (Nuclear Fuel, Base Plant, Materials and Supplies and Construction Work in Progress) from all CPUC-jurisdictional customers. The capital-related revenue requirement for the Steam Generator Replacement Project will be terminated as of February 1, 2012 pursuant to SONGS Amended and Restated Settlement Agreement ("Settlement") section 4.2 as approved in D. 14-11-040.

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**PRELIMINARY STATEMENT**

Sheet 2

V. SONGS 2&3 PROCEDURES

B. SONGS 2&3 UNAMORTIZED NUCLEAR FUEL INVENTORY

Pursuant sections 4.6, 4.7 and 4.13 of the Settlement approved in D.14-11-040, the following treatment of Nuclear Fuel Inventory and Contract Obligations shall apply:

**Nuclear Fuel Investment Amortization**

In accordance with section 4.6, SDG&E shall amortize its Nuclear Fuel Investment, as defined in section 2.30 of the Settlement and as of October 31, 2014, as a regulatory asset over a ten-year period beginning on February 1, 2012 and ending February 1, 2022. Fuel Cancellation Costs (as defined in section 2.17 of the Settlement), will be added to the regulatory asset. SDG&E shall earn a rate of return as described in section 4.6 (b).

Treatment for period February 1, 2012 to December 31, 2014:

As provided in Settlement sections 4.12 and 4.13, SDG&E shall include in its Electric Resource Recovery Account ("ERRA") adjustment the amortized Nuclear Fuel Investment.

A true-up shall be recorded in ERRA in the first quarter of 2015 if the amount is calculated based on a forecast.

Treatment for period January 1, 2015 to implementation date of SDG&E's Test Year 2016 GRC, A.14-11-003

As provided in Settlement section 4.13: to the extent that SDG&E's provisionally authorized capital-related revenue requirements exceed the amounts permitted per the Settlement, SDG&E shall credit its NGBA.

**Sale of Nuclear Fuel Inventory**

To the extent that SCE is able to sell any portion of the Nuclear Fuel inventory, SDG&E shall retain 5% of its share of all Fuel Net Proceeds (as defined in section 2.18 of the Settlement) and shall credit ratepayers upon each sale their respective share of the remaining 95% by reducing the amount of the Nuclear Fuel regulatory asset. The effect of this reduction shall be to decrease the yearly amount of the revenue requirement for Nuclear Fuel Investment.

**Nuclear Fuel Contract Cancellations**

To the extent SCE cancels a nuclear fuel contract (or is otherwise relieved from its obligations thereunder) after the date of execution of the Settlement, SDG&E shall follow the incentive mechanism provided in section 4.7 of the Settlement and shall utilize the Nuclear Fuel Cancellation Incentive Memorandum Account (NFCIMA) to track this activity.

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**PRELIMINARY STATEMENT**

V. SONGS 2&3 PROCEDURES

**B. SONGS 2&3 UNAMORTIZED NUCLEAR FUEL INVENTORY (continued)**

The Nuclear Fuel regulatory asset shall be increased by 5% of the difference between:

- a. The sum of all amounts stated as SCE's purchased obligations (as Operating Agent on its own behalf and on behalf of SDG&E) in outstanding nuclear fuel contracts and
- b. SDG&E's total recorded Fuel Cancellation Costs (including any costs it incurred as well as its share of costs incurred by SCE as Operating Agent on its own behalf and on behalf of SDG&E).

**C. SONGS 2&3 UNAMORTIZED BASE PLANT**

Pursuant to section 4.3 of the Settlement approved in D.14-11-040, the following treatment of Base Plant shall apply:

SDG&E's SONGS Base Plant shall be removed from rate base as of February 1, 2012 and shall be amortized in rates as a regulatory asset over a ten-year period beginning on February 1, 2012 and ending February 1, 2022. SDG&E shall earn a rate of return as described in sections 4.3 (c), (d), (g) and (h), shall recover all income tax expenses per section 4.3 (i), and shall recover all property taxes paid per section 4.3 (j).

Treatment for period February 1, 2012 to October 31, 2014 section - 4.3 (a) (ii):

To the extent that SDG&E's capital-related revenue requirements exceed the amounts permitted per the Settlement, SDG&E shall refund ratepayers via a credit to the ERRA. The effect of such credit shall be to reduce the under-collected ERRA balance as of the last day of the month prior to the Effective Date of the Settlement.

Treatment for period November 1, 2014 to December 31, 2014 - section 4.13:

To the extent that SDG&E's provisionally authorized capital-related revenue requirements exceed the amounts permitted per the Settlement, SDG&E shall refund ratepayers via a credit to the ERRA. A true-up shall be recorded in ERRA in the first quarter of 2015 if the difference reflected in the prior sentence is calculated based on a forecast.

Treatment for period January 1, 2015 to implementation date of SDG&E's Test Year 2016 GRC (A.14-11-003) section 4.13:

To the extent that SDG&E's provisionally authorized capital-related revenue requirements exceed the amounts permitted per the Settlement, SDG&E shall credit its NGBA.

**D. SONGS 2&3 UNAMORTIZED MATERIALS AND SUPPLIES INVESTMENT (M&S)**

Pursuant to section 4.5 of the Settlement approved in D.14-11-040, the following treatment of M&S Investment shall apply:

**M&S Investment Amortization**

SDG&E's SONGS M&S Investment (regardless of whether used by the Utility) shall be amortized in rates as a regulatory asset over a ten-year period beginning on February 1, 2012 and ending February 1, 2022. SDG&E shall earn a rate of return as described in section 4.3 (c).

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**PRELIMINARY STATEMENT**

V. SONGS 2&3 PROCEDURES

D. SONGS 2&3 UNAMORTIZED MATERIALS AND SUPPLIES INVESTMENT (M&S) (continued)

Treatment for period November 1, 2014 to December 31, 2014 - section 4.13:

To the extent that SDG&E's provisionally authorized capital-related revenue requirements exceed the amounts permitted per the Settlement, SDG&E shall refund ratepayers via a credit to the ERRA. A true-up shall be recorded in ERRA in the first quarter of 2015 if the prior sentence is calculated based on a forecast.

Treatment for period January 1, 2015 to implementation date of 2016 GRC - section 4.13:

To the extent that SDG&E's provisionally authorized capital-related revenue requirements exceed the amounts permitted per the Settlement, SDG&E shall credit its NGBA.

SDG&E will seek reimbursement from the Nuclear Decommissioning Trust (NDT) of its M&S Investment and will not amortize in rates any portion of the M&S Investment that has been paid for by the NDT.

**Sale of M&S Inventory**

To the extent that SCE is able to sell any portion of the M&S Investment, SDG&E shall retain 5% of its share of all M&S Net Proceeds (as defined in section 2.22 of the "Settlement") and shall credit ratepayers on a monthly basis their respective share of the remaining 95% by recording a credit to SDG&E's NGBA.

E. SONGS 2&3 UNAMORTIZED CONSTRUCTION WORK IN PROGRESS (CWIP)

SDG&E SONGS CWIP (Cancelled and Completed) shall be amortized in rates as a regulatory asset as described in section 4.8 of the Settlement. Treatment for CWIP, excluding a portion of AFUDC disallowed in accordance with section 4.8 of the Settlement, shall follow the treatment of Base Plant (section C herein) as incurred.

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The following sheets contain all the effective rates and rules affecting rates, service and information relating thereto, in effect on the date indicated herein.

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Advice Ltr. No. 2675-E

Decision No. D.14-11-040

Issued by  
**Lee Schavrien**  
Senior Vice President  
Regulatory Affairs

Date Filed Nov 26, 2014

Effective Nov 26, 2014

Resolution No. \_\_\_\_\_



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3H10

Advice Ltr. No. 2675-E

Decision No. D.14-11-040

Issued by  
**Lee Schavrien**  
Senior Vice President  
Regulatory Affairs

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Resolution No.

**Appendix E**  
**SONGS OII Implementation**  
**AL 2676**



## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



December 23, 2015

Clay Faber  
Director, State Regulatory Affairs  
San Diego Gas & Electric Company  
8330 Century Park Court  
Rosemead, CA 92123

**Subject: Energy Division Staff Disposition of SDG&E's Advice Letter 2676-E**

Dear Mr. Faber:

San Diego Gas & Electric Company (SDG&E) Advice Letter (AL) 2676-E, which was filed as a Tier 2 Advice Letter to incorporate tariff changes related to the San Onofre Nuclear Generating Station (SONGS) Units 2 and 3, is approved. AL 2676-E is effective December 23, 2015, in order to incorporate in rates effective January 1, 2016.

**Background:**

On September 24, 2014, certain parties filed an Amended Settlement Agreement in the San Onofre Nuclear Generating Station (SONGS) Order Instituting Investigation (OII) (I.12-10-013) proceeding. The Commission adopted the Amended Settlement Agreement on November 20, 2014 in Decision (D.) 14-11-040. On November 26, 2014, SDG&E submitted AL 2676-E to incorporate tariff changes in connection with the Amended Settlement Agreement. Specifically, SDG&E revised the Power Charge Indifference Amount (PCIA) to reflect SONGS-related adjustments, using the Direct Access (DA) Customer Ratemaking Consensus Protocol for SONGS Outages and Retirements (Consensus Protocol) adopted in D.14-05-003.

The Coalition to Decommission San Onofre (CDSO) submitted a protest to AL 2676-E on December 15, 2014. In its protest, CDSO asserts that the advice letters filed to implement the Amended Settlement Agreement are complex and that a hearing should be convened to review and audit the Amended Settlement Agreement and its implementation.

On December 23, 2014, SDG&E issued a reply to the protest of CDSO stating that although CDSO claims to be protesting AL 2676-E, CDSO provides no

substantive basis for its protest and thus SDG&E asserts CDSO's protest is insufficient.

The Alliance for Retail Energy Markets (AReM) and Direct Access Customer Coalition (DACC), filed a joint protest of AL 2676-E on December 16, 2014. They assert that SDG&E is improperly implementing the Direct Access Customer Ratemaking Consensus Protocol for SONGS Outages and Retirement (adopted in D.14-05-003) by proposing to include SONGS-related replacement power costs in the PCIA. Specifically, AReM/DACC allege that SONGS replacement power costs do not belong in the PCIA indifference calculation because SDG&E's rationale for inclusion was based on Section IV(a) of the Consensus Protocol titled "Ratemaking surcharge for previous periods" that provided an example using "net SONGS costs" to illustrate the treatment of the section. AReM/DACC state that "[t]he problem with relying upon this citation [in Section IV(a)] is twofold. First, elsewhere in the Consensus Protocol there is clear and unambiguous language that the ratemaking examples are illustrative only. Second, including SONGS Replacement Power Costs to the PCIA violates the guiding principles of the indifference policy set at the CPUC."<sup>1</sup>

On December 23, 2014, SDG&E replied to the joint protest of AReM and DACC. SDG&E asserts that AReM/DACC's two arguments are both incorrect and reflect an effort to side-step both the Consensus Protocol as well as cost-responsibility for legitimate "net SONGS costs" authorized by the Amended Settlement Agreement.

**Disposition:**

D.14-11-040 requires SDG&E to file an advice letter to implement the ratemaking accounting mechanisms described in the SONGS Amended Settlement Agreement. The CPUC's Energy Division has reviewed the tariff modifications that SDG&E proposed in AL 2676-E and has determined that they properly implement the provisions specified in the Amended Settlement Agreement. Accordingly, AL 2676-E is in compliance with D.14-11-040.

In its protest, CDSO generally asserts that AL 2676-E is complex, presents issues that should have been addressed in D.14-11-040, and that additional discovery and/or hearings are needed. However, CDSO does not present any substantive basis for its assertions. Thus, the protest of CDSO is insufficient and is denied.

In its protest, AReM/DACC assert that "net SONGS costs" conceptually represent "SONGS Replacement Power costs", which are short-term in nature and thus should not be included in the PCIA. As SDG&E correctly stated in their response to AReM/DACC's protest, pursuant to Section 4.10 of the Amended Settlement Agreement adopted by D.14-11-040, SDG&E is authorized to recover "net SONGS costs"<sup>2</sup>, which is a ratemaking surcharge from a previous period. This treatment is consistent with the preservation of the indifference principles

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<sup>1</sup> AReM/DACC Protest at pp. 3-4.

<sup>2</sup> Net SONGS costs" are the difference in fuel and purchased power cost between SONGS operating at 100% and SONGS operating at 0% for the period January 1, 2013 through December 31, 2013.

reflected in Section II of the Consensus Protocol. The methodology used to include the ratemaking surcharge from prior periods into the PCIA calculation is consistent with Section IV(a) of the Consensus Protocol, which allows for recovery of the appropriate share of costs from DA customer at the appropriate time. Although AReM/DACC disagrees with SDG&E's use of the ratemaking example in the Consensus Protocol, these ratemaking examples were included in the Consensus Protocol at the request of non-utility representatives and were agreed to by all participants. Even though the Protocol states that "the Commission could take different and/or additional actions in the SONGS OII related to SONGS revenue requirements and costs", the point of discussing ratemaking examples in the Protocol was to "set forth hypothetical scenarios discussing potential ways in which the Commission could adjust SONGS revenue requirements (i.e. costs recoverable in rates) in the SONGS OII, and a general description of how the Protocol **would** implement the ratemaking associated with those scenarios."<sup>3</sup> (emphasis added) As SDG&E points out, "[The] examples did illustrate a methodology that SDG&E would follow in implementing whatever directives the Commission eventually did adopt and since has adopted... In fact, by request of the non-utility parties' representatives, the examples were requested to be prepared and be an integral part of the Consensus Protocol itself."<sup>4</sup> As a fundamental part of the Consensus Protocol, the examples showed how SDG&E proposed to integrate "net SONGS costs" and AReM/DACC was provided time to negotiate the terms before accepting the Protocol. Accordingly, the protest of AReM/DACC is denied.

If you have any questions, please contact Syche Cai of the Energy Division at (415) 703-1374.

Sincerely,



Edward F. Randolph  
Director, Energy Division  
California Public Utilities Commission

cc: Raymond Lutz for The Coalition to Decommission San Onofre  
Daniel W. Douglass for The Alliance for Retail Energy Markets and Direct Access  
Customer Coalition.

<sup>3</sup> Consensus Protocol at p.3, Section II(e)

<sup>4</sup> SDG&E Reply to AReM/DACC Protest at p.4.



Clay Faber  
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San Diego, CA 92123-1548

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CFaber@semprautilities.com

November 26, 2014

**ADVICE LETTER 2676-E**  
(U 902-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

**SUBJECT: REVISIONS TO SAN DIEGO GAS & ELECTRIC'S POWER CHARGE  
INDIFFERENCE ADJUSTMENT RATES REQUIRED TO IMPLEMENT THE SONGS  
ORDER INSTITUTING INVESTIGATION (I.12-10-013) SETTLEMENT AGREEMENT  
PURSUANT TO DECISION 14-11-040**

San Diego Gas & Electric Company ("SDG&E") hereby submits for approval the following revisions to its electric tariffs as shown in the enclosed Attachment A.

**PURPOSE**

In compliance with Ordering Paragraph ("OP") 3.e of Decision ("D.") 14-11-040, adopted by the Commission on November 20, 2014, SDG&E respectfully submits this Tier 2 Advice Letter ("AL") to the California Public Utilities Commission ("Commission") to incorporate tariff changes in connection with the San Onofre Nuclear Generating Station ("SONGS") Amended and Restated Settlement Agreement ("Settlement" or "Settlement Agreement") approved by D.14-11-040. Specifically, this directive addresses SDG&E's implementation of the Direct Access ("DA") Customer Ratemaking Consensus Protocol for SONGS Outages and Retirement ("Consensus Protocol") approved in D.14-05-022. SDG&E is revising the Power Charge Indifference Adjustment ("PCIA") rates in Schedules DA-CRS and CCA-CRS.<sup>1</sup>

**BACKGROUND**

On November 1, 2012, the Commission issued an Order Instituting Investigation ("I.") 12-10-013 ("SONGS OII") to consider the causes of the SONGS outages, the utilities' responses, the future of the SONGS units, and the resulting effects on the provision of safe and reliable electric service at just and reasonable rates.

On June 7, 2013, Southern California Edison ("SCE") announced that SONGS Units 2 & 3 would not restart. On June 12, 2013, SCE submitted a Certification of Permanent Cessation of Power Operations to the Nuclear Regulatory Commission ("NRC"), certifying that SCE has permanently ceased power operations of SONGS Units 2 & 3.

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<sup>1</sup> Because SDG&E's 2015 ERRR Forecast Application ("A.")14-04-015 is pending Commission approval, the PCIA rates included in this AL filing are based on the revenue requirements used to calculate the vintage 2014 PCIA rates adjusted for the SONGS Settlement related items. SDG&E will update the vintage 2015 PCIA rates to reflect the 2015 authorized revenue requirements in a Tier 1 AL filing to implement the final decision in A.14-04-015.

As a result of a January 8, 2014 workshop in SDG&E's and SCE's respective ERRA forecast proceedings, A.13-09-017 and A.13-08-014, which was held to discuss the effect of the SONGS closure on the PCIA calculation, SCE, SDG&E, the California Large Energy Consumers Association ("CLECA"), the Alliance for Retail Markets ("AReM"), and the Direct Access Customer Coalition ("DACC") offered the Consensus Protocol to resolve parties' concerns about the future ratemaking treatment of the PCIA resulting from the SONGS outages and closure. The Consensus Protocol provides equitable and symmetrical rate treatment for bundled service and DA customers in terms of both timing and cost responsibility, upholds the indifference principle that underlies DA ratemaking by the Commission, and is a non-precedential resolution to be based on the unique circumstances resulting from the outages/closure of SONGS Units 2 and 3.

On April 3, 2014, SCE, SDG&E, The Utility Reform Network ("TURN"), the Office of Ratepayer Advocates ("ORA"), Friends of the Earth, and the Coalition of California Utility Employees (collectively, "the Joint Parties") filed a joint motion for the adoption of a settlement agreement that would resolve all issues in the SONGS OII, and all proceedings that have been consolidated therewith (including A.13-01-016, A.13-03-005, A.13-03-013, and A.13-03-014).

On May 15, 2014, the Commission approved D.14-05-022, adopting SDG&E's Electric Procurement Revenue Requirement Forecast and the Consensus Protocol entered into the record of A.13-09-017.<sup>2</sup>

On September 24, the Joint Parties filed an Amended and Restated Settlement Agreement ("Settlement Agreement" or "Settlement"), which incorporated modifications as proposed by the Assigned Commissioner's Ruling on September 5, 2014.

On November 6, 2014, SDG&E filed its Update to Prepared Testimony in its 2015 ERRA Forecast Application (A.14-04-015). The Update indicated that upon receiving a decision in the SONGS OII, SDG&E would file a compliance advice letter to implement the rate adjustments associated with the Settlement Agreement and serve the advice letter on the service lists of the SONGS OII and all open ERRA forecast proceedings.

On November 20, 2014, the Commission adopted D.14-11-040, which approved the Settlement Agreement in I.12-10-013. Ordering Paragraph 3.e orders SDG&E to use the Consensus Protocol to calculate the PCIA for DA customers and to clearly identify and justify any replacement power costs that are included in the PCIA calculation. Specifically, OP 3.e states:

"The Utilities shall use the Consensus Protocol adopted in Decision 14-05-003 to calculate the Power Charge Indifference Amount for Direct Access customers. The Utilities shall clearly identify and justify any replacement power costs that they propose to include in the Power Charge Indifference Amount calculation."

The Settlement approved by D.14-11-040 prohibits rate recovery of the capital investment in the Steam Generator Replacement Project ("SGRP") as of February 1, 2012, the day after the Unit 3 steam generator tube leak, and allows SDG&E to recover its net investment of all non-SGRP capital investments, including Materials and Supplies ("M&S"), Nuclear Fuel Investments, and Construction Work In Progress ("CWIP"), generally over ten years at a reduced rate of return.

As specified in the Consensus Protocol, Section V, any change to a prior year's revenue requirement, either upward or downward, authorized by the Commission in the SONGS OII that is included in the revenue requirement used to determine bundled service customers' generation rates,

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<sup>2</sup> D.14-05-022 at OP 3.

will also be used to adjust the Total Generation Portfolio costs used to determine the Indifference amount.

### **SETTLEMENT IMPLEMENTATION**

On November 26, 2014, SDG&E filed AL 2672-E to implement the SONGS OII revenue requirements and net refund amounts pursuant to the Settlement Agreement for bundled service customers.<sup>3</sup> In order to treat DA customers equitably and symmetrically with bundled service customers, SDG&E will also implement corresponding adjustments (upward or downward) to the PCIA that DA customers pay that results from the change in the SONGS-related cost recovery adopted by the Commission in the SONGS OII consistent with the SONGS Protocol. In order to ensure indifference regarding SONGS costs, the Consensus Protocol acknowledges the potential need to incorporate balancing account adjustments.

### **SONGS-RELATED NGBA REVENUE REQUIREMENT RESULTING FROM THE SETTLEMENT**

Consistent with the proposed 2015 SONGS-related NGBA revenue requirement from Attachment A in AL 2672-E (copied in part below), SDG&E will include \$52.161 million of SONGS-related revenue requirements in the PCIA calculation which is a reduction of \$140.491 million from the currently authorized SONGS-related revenue requirement of \$192.652 million.

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<sup>3</sup> In addition to filing the Tier 2 SONGS Settlement Implementation AL 2672-E for bundled service customers, SDG&E is also filing the Tier 1 AL 2675-E to incorporate tariff changes and modify SDG&E's preliminary statements as required to implement the SONGS Settlement.

SAN DIEGO GAS & ELECTRIC COMPANY  
 Advice Letter 2672-E  
 ATTACHMENT A  
 2015 NGBA - SONGS RELATED REVENUE REQUIREMENT  
 (\$000, excluding FF&U)

	(A) NGBA AL 2672-E Proposed 2015	1\	(B) NGBA Authorized AL 2535-E 2014	(B)-(A)=(C)  Total Change
<b>SONGS</b>				
Non-fuel O&M Revenue Requirement (SCE GRC)	0	2\	121,572	(121,572)
Other Non-fuel O&M Revenue Requirement (SDG&E GRC)	2,023	3\	1,968	55
Non-fuel Capital-related Revenue Requirement (SCE GRC)	0	4\	41,239	(41,239)
Estimated Settlement Reg Asset (Base Plant, M&S, CWIP)10-year amortization	37,454	5\		37,454
Estimated Settlement Nuclear Fuel 10-year amortization	12,684	5\		12,684
SONGS Unit 2 SGRP Installation Revenue Requirement	0	6\	15,395	(15,395)
SONGS Unit 3 SGRP Installation Revenue Requirement	0	6\	12,477	(12,477)
<b>SONGS Total</b>	<b>52,161</b>		<b>192,652</b>	<b>(140,491)</b>

**Notes:**

1\ Annual NGBA Update Filing on 11/19/14 in AL 2670-E excluded impacts from the SONGS Settlement Agreement and reflected no change in SONGS-related revenue requirement from 2014 to 2015.

2\ SCE does not include O&M revenue requirement in its TY2015 GRC.

3\ Other Non-Fuel O&M revenue requirement (easement, property insurance and liability insurance) approved in SDG&E's TY2012 GRC (D.13-05-010) escalated for attrition.

4\ Marine mitigation capital-related costs pending approval in SCE's TY2015 GRC. The annual revenue requirement for 2015 for SONGS marine mitigation will be updated with SDG&E's 20% of the annual revenue requirement approved in SCE's TY2015 GRC (A.13-11-003).

5\ Amortization of the regulatory asset per Settlement Agreement.

6\ Settlement Agreement does not allow for recovery of any SGRP-related costs as of February 1, 2012.

**NET REFUND AMOUNT**

Consistent with Table 2 in AL 2672-E (shown below), SDG&E will include a credit of \$152.3 million to offset the SONGS-related revenue requirements in the PCIA calculation.

Table 2: Estimated Net Refund Amounts  
February 1, 2012, through December 31, 2014  
*All figures shown as 1,000,000.0 USD*

	Net Refund Excl. FF&U	Estimated FF&U	Net Refund w/ Est. FF&U	
1. Capital Revenue Requirement				
2. Replacement Steam Generators	86.6	0.9	87.5	Section 4.2 (b)
3. Base Plant, CWIP, and M&S <sup>A</sup>	2.7	(0.2)	2.5	Section 4.3 (b), 4.5, and 4.8
4. Capital Subtotal	<u>89.3</u>	<u>0.7</u>	<u>90.0</u>	Lines 2 and 3
5. Nuclear Fuel Investment	(33.1)	(0.4)	(33.5)	Section 4.6
6. O&M Expense <sup>B,C,D</sup>	96.2	1.2	97.4	Section 4.9 (b), (f), (j)(ii), and (j)(iv)
7. Non-O&M Expense	-	-	-	Section 4.9 (g)
8. Nuclear Fuel Carrying Costs	<u>(0.1)</u>	<u>-</u>	<u>(0.1)</u>	Section 4.6 (b)
9. Total Refund	<u>152.3</u>	<u>1.5</u>	<u>153.8</u>	Lines 4 through 8

A M&S of 10.4 shown commingled with Base Plant & CWIP.  
 B Shown inclusive of interest and Unit 2 C17 Refueling Outage (RFO), which was authorized in the SONGS Balancing Account.  
 C An estimated 13.8 not shown has already been refunded to ratepayers through the NGBA.  
 D Adjustments for any previously-received litigation refunds, if applicable, not shown.

**REPLACEMENT POWER COSTS**

Pursuant to OP 3.e of D.14-11-040, SDG&E has identified \$121.9 million in SONGS replacement power costs that will be included in the PCIA calculation. The \$121.9 million is not included in the \$152.3 million “net refund” to ratepayers described above. Pursuant to Section 4.10 of the Settlement, SDG&E is authorized to recover the full amount of costs designated as SONGS “replacement power costs” or “net SONGS costs” incurred to purchase power in the market from January 1, 2012, until the last day of the month prior to the effective date, which is October 31, 2014.

To date, the Commission has only deferred recovery of the 2013 “net SONGS costs” recorded in the ERRA. In D.14-02-022, which granted SDG&E’s Trigger Application, A.13-04-017, the Commission provided SDG&E the authority to recover a portion of its net under-collected ERRA balance and required SDG&E to remove recorded “net SONGS costs” until the Commission resolves issues in the SONGS OII. In SDG&E AL 2587-E, effective May 5, 2014, SDG&E updated the recorded January 1, 2013 through December 31, 2013 “net SONGS costs” to \$121.9 million. The “net SONGS costs” were calculated by taking the difference in fuel and purchased power costs between SONGS operating at 100% and SONGS operating at 0% for the period of January 1, 2013 through December 31, 2013. This methodology was utilized and was to be further addressed and resolved in the SONGS OII.

With adoption of the Settlement Agreement by D.14-11-040 and in accordance with Section IV.(a) of the Consensus Protocol, SDG&E will include the \$121.9 million of “net SONGS costs” in the calculation of the PCIA rates for DA customers to allow recovery of the appropriate share of these costs from DA customers for preservation of the indifference principle.<sup>4</sup> Although SDG&E will amortize the \$121.9 million of “net SONGS costs” included in its ERRA balance from December

<sup>4</sup> Section II.(f) Preservation of Indifference in the Consensus Protocol acknowledges the potential need to incorporate balancing account adjustments after final Commission decisions in the SONGS OII in order to ensure indifference regarding SONGS costs.



2014 through December 2015 as a reduction to its ERRA Trigger calculation for its bundled service customers, the rate impact to DA customers' PCIA rates will be effective January 1, 2015. As previously stated, in order to ensure indifference regarding SONGS costs, the Consensus Protocol acknowledges the potential need to incorporate balancing account adjustments in PCIA rates.

### **SUMMARY**

Consistent with OPs listed above, this Advice Letter revises SDG&E's electric tariffs as shown in Attachment A and identifies the SONGS-related changes to SDG&E's PCIA rates as shown in Attachment B, commencing January 1, 2015. SDG&E will file its Tier 1 Annual Consolidated Filing to Implement Electric Rates effective January 1, 2015, including the appropriate tariff sheets, to consolidate this Advice Letter with all the electric rate adjustments authorized to become effective January 1, 2015.

### **EFFECTIVE DATE**

Pursuant to GO 96-B and OP 3.e of D.14-11-040, SDG&E believes this filing is subject to Energy Division disposition and should be classified as Tier 2 (effective after staff approval). SDG&E respectfully requests that this filing become effective on December 26, 2014, 30 days after the date filed, in order to incorporate in rates effective January 1, 2015 as described above.

### **PROTEST**

Anyone may protest this Advice Letter to the California Public Utilities Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received by December 16, 2014, twenty days from the date filed. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue  
San Francisco, CA 94102

Copies of the protest should also be sent via e-mail to the attention of the Energy Division Tariff Unit (EDTariffUnit@cpuc.ca.gov). A copy of the protest should also be sent via both e-mail and facsimile to the address shown below on the same date it is mailed or delivered to the Commission.

Attn: Megan Caulson  
Regulatory Tariff Manager  
8330 Century Park Court, Room 32C  
San Diego, CA 92123-1548  
Facsimile No. (858) 654-1879  
E-Mail: mcaulson@semprautilities.com

**NOTICE**

A copy of this filing has been served on the utilities and interested parties shown on the attached list and to service list for I.12-10-013 by either providing them a copy electronically or by mailing them a copy hereof, properly stamped and addressed.

Address changes should be directed to SDG&E Tariffs by facsimile at (858) 654-1879 or by e-mail at [SDG&ETariffs@semprautilities.com](mailto:SDG&ETariffs@semprautilities.com).

---

CLAY FABER  
Director - Regulatory Affairs

(cc list enclosed)

# CALIFORNIA PUBLIC UTILITIES COMMISSION

## ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SAN DIEGO GAS & ELECTRIC (U 902)**

Utility type:

ELC

GAS

PLC

HEAT

WATER

Contact Person: Joff Morales

Phone #: (858) 650-4098

E-mail: jmorales@semprautilities.com

### EXPLANATION OF UTILITY TYPE

ELC = Electric

GAS = Gas

PLC = Pipeline

HEAT = Heat

WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2676-E

Subject of AL: Revisions to SDG&E's Power Purchase Charge Indifference Adjustment Rates Required To Implement the SONGS OII I.12-10-013 Settlement Agreement Pursuant to D.14-11-040

Keywords (choose from CPUC listing): Settlement

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

Decision 14-11-040

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: None

Summarize differences between the AL and the prior withdrawn or rejected AL<sup>1</sup>: N/A

Does AL request confidential treatment? If so, provide explanation: N/A

Resolution Required?  Yes  No

Tier Designation:  1  2  3

Requested effective date: 1/1//2015

No. of tariff sheets: 4

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: N/A

Service affected and changes proposed<sup>1</sup>: N/A

Pending advice letters that revise the same tariff sheets: None

**Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:**

**CPUC, Energy Division**

**Attention: Tariff Unit**

**505 Van Ness Ave.,**

**San Francisco, CA 94102**

**EDTariffUnit@cpuc.ca.gov**

**San Diego Gas & Electric**

**Attention: Megan Caulson**

**8330 Century Park Ct, Room 32C**

**San Diego, CA 92123**

**mcaulson@semprautilities.com**

General Order No. 96-B  
ADVICE LETTER FILING MAILING LIST

cc: (w/enclosures)

Public Utilities Commission

DRA

Y. Schmidt  
W. Scott

Energy Division

P. Clanon  
S. Gallagher  
H. Gatchalian  
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M. Salinas

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Bartle Wells Associates

R. Schmidt

Braun & Blaising, P.C.

S. Blaising

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S. O'Donnell  
C. Sweet

California Farm Bureau Federation

K. Mills

California Wind Energy

N. Rader

CCSE

S. Freedman  
J. Porter

Children's Hospital & Health Center

T. Jacoby

City of Chula Vista

M. Meacham  
E. Hull

City of Poway

R. Willcox

City of San Diego

J. Cervantes  
G. Lonergan  
M. Valerio

Commerce Energy Group

V. Gan

Constellation New Energy

W. Chen

CP Kelco

A. Friedl

Davis Wright Tremaine, LLP

E. O'Neill  
J. Pau

Dept. of General Services

H. Nanjo  
M. Clark

Douglass & Liddell

D. Douglass  
D. Liddell  
G. Klatt

Duke Energy North America

M. Gillette

Dynegy, Inc.

J. Paul

Ellison Schneider & Harris LLP

E. Janssen

Energy Policy Initiatives Center (USD)

S. Anders

Energy Price Solutions

A. Scott

Energy Strategies, Inc.

K. Campbell  
M. Scanlan

Goodin, MacBride, Squeri, Ritchie & Day

B. Cragg  
J. Heather Patrick  
J. Squeri

Goodrich Aerostructures Group

M. Harrington

Hanna and Morton LLP

N. Pedersen

Itsa-North America

L. Belew

J.B.S. Energy

J. Nahigian

Luce, Forward, Hamilton & Scripps LLP

J. Leslie

Manatt, Phelps & Phillips LLP

D. Huard  
R. Keen

Matthew V. Brady & Associates

M. Brady

Modesto Irrigation District

C. Mayer

Morrison & Foerster LLP

P. Hanschen

MRW & Associates

D. Richardson

OnGrid Solar

Andy Black

Pacific Gas & Electric Co.

J. Clark  
M. Huffman  
S. Lawrie  
E. Lucha

Pacific Utility Audit, Inc.

E. Kelly

R. W. Beck, Inc.

C. Elder

School Project for Utility Rate  
Reduction

M. Rochman  
Shute, Mihaly & Weinberger LLP

O. Armi

Solar Turbines

F. Chiang

Sutherland Asbill & Brennan LLP

K. McCrea

Southern California Edison Co.

M. Alexander

K. Cini

K. Gansecki

H. Romero

TransCanada

R. Hunter

D. White

TURN

M. Florio  
M. Hawiger

UCAN

M. Shames

U.S. Dept. of the Navy

K. Davoodi

N. Furuta

L. DeLacruz

Utility Specialists, Southwest, Inc.

D. Koser

Western Manufactured Housing

Communities Association

S. Dey

White & Case LLP

L. Cottle

Interested Parties

I.12-10-013

ATTACHMENT A  
ADVICE LETTER 2676-E

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
Revised 25591-E	SCHEDULE DA-CRS, DIRECT ACCESS COST RESPONSIBILITY SURCHARGE, Sheet 2	Revised 25152-E
Revised 25592-E	SCHEDULE CCA-CRS, COMMUNITY CHOICE AGGREGATION COST RESPONSIBILITY SURCHARGE, Sheet 1	Revised 25153-E
Revised 25593-E	TABLE OF CONTENTS, Sheet 1	Revised 25588-E
Revised 25594-E	TABLE OF CONTENTS, Sheet 5	Revised 25462-E



**SCHEDULE DA-CRS**

Sheet 2

**DIRECT ACCESS COST RESPONSIBILITY SURCHARGE**

RATES

Pursuant to D.06-07-030, the cap per kWh associated with the DA-CRS was lifted. Accordingly, the DA-CRS will be administered as set forth below.

**POWER CHARGE INDIFFERENCE ADJUSTMENT (PCIA) (\$/kWh)**

Customer Class	Old World Generation	2009 Vintage	2010 Vintage	2011 Vintage	2012 Vintage	2013 Vintage	2014 Vintage
<b>Residential</b>							
Non-continuous	\$0.00000 R						
<b>Small Commercial</b>							
Non-continuous	\$0.00000 R						
New Non-continuous		\$0.00000 R	\$0.00065 R	\$0.00110 R	\$0.00062 R	\$0.00037 R	\$0.00150 R
New Continuous		\$0.00000 R	\$0.00234 R	\$0.00279 R	\$0.00231 R	\$0.00206 R	\$0.00319 R
<b>Medium/Large Commercial &amp; Industrial</b>							
Non-continuous	\$0.00000 R						
New Non-continuous		\$0.00000 R	\$0.00055 R	\$0.00093 R	\$0.00053 R	\$0.00032 R	\$0.00127 R
New Continuous		\$0.00000 R	\$0.00198 R	\$0.00236 R	\$0.00195 R	\$0.00174 R	\$0.00270 R
<b>Agricultural</b>							
Non-continuous	\$0.00000 R						
New Non-continuous		\$0.00000 R	\$0.00015 R	\$0.00026 R	\$0.00015 R	\$0.00009 R	\$0.00035 R
New Continuous		\$0.00000 R	\$0.00054 R	\$0.00065 R	\$0.00054 R	\$0.00048 R	\$0.00074 R
<b>Lighting</b>							
Non-continuous	\$0.00000						
New Non-continuous		\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
New Continuous		\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000

Municipal Surcharge: Amounts calculated under this Schedule are subject to a municipal surcharge as provided in Sections 6350 through 6354.1 of the Public Utilities Code.

(Continued)

2H6

Advice Ltr. No. 2676-E

Decision No. D.14-11-040

Issued by  
**Lee Schavrien**  
Senior Vice President  
Regulatory Affairs

Date Filed Nov 26, 2014

Effective Dec 23, 2015

Resolution No. \_\_\_\_\_



**SCHEDULE CCA-CRS**

Sheet 1

COMMUNITY CHOICE AGGREGATION COST RESPONSIBILITY SURCHARGE

APPLICABILITY

The Community Choice Aggregation Cost Responsibility Surcharge (CCA-CRS) is applicable to all Community Choice Aggregation (CCA) customers, as defined in Rule 1, who receive procured energy services from a Community Choice Aggregator. Pursuant to Senate Bill (SB) 423, qualified nonprofit charitable organizations eligible to enter into an agreement for Direct Access (DA) service with an electric Energy Service Provider (ESP) to receive electric commodity service free of charge from the ESP will be subject to the provisions and applicable charges under this schedule.

TERRITORY

Within the entire territory served by the Utility.

RATES

**POWER CHARGE INDIFFERENCE ADJUSTMENT (PCIA) (\$/Kwh)**

Customer Class CCA-CRS	2009 Vintage		2010 Vintage		2011 Vintage		2012 Vintage		2013 Vintage		2014 Vintage	
Residential	\$0.00000	R	\$0.00048	R	\$0.00082	R	\$0.00046	R	\$0.00028	R	\$0.00111	R
Small Commercial	\$0.00000	R	\$0.00065	R	\$0.00110	R	\$0.00062	R	\$0.00037	R	\$0.00150	R
Med/Large Commercial & Industrial	\$0.00000	R	\$0.00055	R	\$0.00093	R	\$0.00053	R	\$0.00032	R	\$0.00127	R
Agricultural	\$0.00000	R	\$0.00015	R	\$0.00026	R	\$0.00015	R	\$0.00009	R	\$0.00035	R
Lighting	\$0.00000		\$0.00000		\$0.00000		\$0.00000		\$0.00000		\$0.00000	

The rate shown above is in addition to Utility Distribution Company Total Rates (UDC Total) shown under the CCA customer's otherwise applicable rate schedule, and is in addition to the Department of Water Resources Bond Charge shown on Schedule DWR-BC.

MAPPING OF RATE SCHEDULES TO CUSTOMER CLASS

Customer Class	Rate Schedule
Residential	DR, DR-LI, DM, DS, DT, DT-RV, EV-TOU, EV-TOU-2, EV-TOU-3, DR-TOU, DR-TOU-DER, DR-SES
Small Commercial	A, A-TC, A-TOU, UM
Medium/Large Commercial & Industrial	AD, AL-TOU, AL-TOU-DER, AY-TOU, A6-TOU, PA-T-1, DG-R, OL-TOU
Agricultural	PA
Lighting	LS-1, LS-2, LS-3, DWL, OL-1, OL-2

(Continued)



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Sheet 1

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(Continued)

1H5

Issued by

Date Filed

Nov 26, 2014

Advice Ltr. No. 2676-E

**Lee Schavrien**

Effective

Decision No. D.14-11-040

Senior Vice President  
Regulatory Affairs

Resolution No. \_\_\_\_\_





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San Diego Gas & Electric Advice Letter 2676-E  
November 26, 2014

## ATTACHMENT B

**ATTACHMENT B**  
**COMPARISON OF CURRENT AND PROPOSED DA PCIA RATES**  
**SAN DIEGO GAS AND ELECTRIC COMPANY — ELECTRIC RATE COMPLIANCE DEPARTMENT**  
**SONGS SETTLEMENT IMPLEMENTATION**  
**AL 2676-E**

Customer Class	Current Old World Generation	Proposed Old World Generation	\$ Change from Current	% Change from Current	Current 2009 Vintage	Proposed 2009 Vintage	\$ Change from Current	% Change from Current
Market Benchmark Price	\$53.69	\$53.69	\$0.00	0.0%	\$61.06	\$61.06	\$0.00	0.0%
<b>Residential</b>								
Non-Continuous	\$0.00764	\$0.00000	(\$0.00764)	-100.0%				
<b>Small Commercial</b>								
Non-Continuous	\$0.01031	\$0.00000	(\$0.01031)	-100.0%				
New Non-Continuous					\$0.01030	\$0.00000	(\$0.01030)	-100.0%
New Continuous					\$0.01199	\$0.00000	(\$0.01199)	-100.0%
<b>Medium/Large Commercial &amp; Industrial</b>								
Non-Continuous	\$0.00872	\$0.00000	(\$0.00872)	-100.0%				
New Non-Continuous					\$0.00871	\$0.00000	(\$0.00871)	-100.0%
New Continuous					\$0.01014	\$0.00000	(\$0.01014)	-100.0%
<b>Agricultural</b>								
Non-Continuous	\$0.00240	\$0.00000	(\$0.00240)	-100.0%				
New Non-Continuous					\$0.00240	\$0.00000	(\$0.00240)	-100.0%
New Continuous					\$0.00279	\$0.00000	(\$0.00279)	-100.0%
<b>Streetlighting</b>								
Non-Continuous	\$0.00000	\$0.00000	\$0.00000	0.0%				
New Non-Continuous					\$0.00000	\$0.00000	\$0.00000	0.0%
New Continuous					\$0.00000	\$0.00000	\$0.00000	0.0%

**ATTACHMENT B**  
**COMPARISON OF CURRENT AND PROPOSED DA PCIA RATES**  
**SAN DIEGO GAS AND ELECTRIC COMPANY — ELECTRIC RATE COMPLIANCE DEPARTMENT**  
**SONGS SETTLEMENT IMPLEMENTATION**  
**AL 2676-E**

Customer Class	Current 2010 Vintage	Proposed 2010 Vintage	\$ Change from Current	% Change from Current	Current 2011 Vintage	Proposed 2011 Vintage	\$ Change from Current	% Change from Current	Current 2012 Vintage	Proposed 2012 Vintage	\$ Change from Current	% Change from Current
Market Benchmark Price	\$65.96	\$65.96	\$0.00	0.0%	\$71.75	\$71.75	\$0.00	0.0%	\$74.23	\$74.23	\$0.00	0.0%
<b>Residential</b>												
Non-Continuous												
<b>Small Commercial</b>												
Non-Continuous												
New Non-Continuous	\$0.01114	\$0.00065	(\$0.01049)	-94.2%	\$0.01155	\$0.00110	(\$0.01045)	-90.5%	\$0.01106	\$0.00062	(\$0.01044)	-94.4%
New Continuous	\$0.01282	\$0.00234	(\$0.01048)	-81.7%	\$0.01324	\$0.00279	(\$0.01045)	-78.9%	\$0.01275	\$0.00231	(\$0.01044)	-81.9%
<b>Medium/Large Commercial &amp; Industrial</b>												
Non-Continuous												
New Non-Continuous	\$0.00942	\$0.00055	(\$0.00887)	-94.2%	\$0.00977	\$0.00093	(\$0.00884)	-90.5%	\$0.00935	\$0.00053	(\$0.00882)	-94.3%
New Continuous	\$0.01084	\$0.00198	(\$0.00886)	-81.7%	\$0.01119	\$0.00236	(\$0.00883)	-78.9%	\$0.01078	\$0.00195	(\$0.00883)	-81.9%
<b>Agricultural</b>												
Non-Continuous												
New Non-Continuous	\$0.00259	\$0.00015	(\$0.00244)	-94.2%	\$0.00269	\$0.00026	(\$0.00243)	-90.3%	\$0.00257	\$0.00015	(\$0.00242)	-94.2%
New Continuous	\$0.00299	\$0.00054	(\$0.00245)	-81.9%	\$0.00308	\$0.00065	(\$0.00243)	-78.9%	\$0.00297	\$0.00054	(\$0.00243)	-81.8%
<b>Streetlighting</b>												
Non-Continuous												
New Non-Continuous	\$0.00000	\$0.00000	\$0.00000	0.0%	\$0.00000	\$0.00000	\$0.00000	0.0%	\$0.00000	\$0.00000	\$0.00000	0.0%
New Continuous	\$0.00000	\$0.00000	\$0.00000	0.0%	\$0.00000	\$0.00000	\$0.00000	0.0%	\$0.00000	\$0.00000	\$0.00000	0.0%

**ATTACHMENT B**  
**COMPARISON OF CURRENT AND PROPOSED DA PCIA RATES**  
**SAN DIEGO GAS AND ELECTRIC COMPANY — ELECTRIC RATE COMPLIANCE DEPARTMENT**  
**SONGS SETTLEMENT IMPLEMENTATION**  
**AL 2676-E**

Customer Class	Current 2013 Vintage	Proposed 2013 Vintage	\$ Change from Current	% Change from Current	Current 2014 Vintage	Proposed 2014 Vintage	\$ Change from Current	% Change from Current
Market Benchmark Price	\$78.11	\$78.11	\$0.00	0.0%	\$78.16	\$78.16	\$0.00	0.0%
<b>Residential</b>								
Non-Continuous								
<b>Small Commercial</b>								
Non-Continuous								
New Non-Continuous	\$0.01080	\$0.00037	(\$0.01043)	-96.6%	\$0.01193	\$0.00150	(\$0.01043)	-87.4%
New Continuous	\$0.01249	\$0.00206	(\$0.01043)	-83.5%	\$0.01362	\$0.00319	(\$0.01043)	-76.6%
<b>Medium/Large Commercial &amp; Industrial</b>								
Non-Continuous								
New Non-Continuous	\$0.00913	\$0.00032	(\$0.00881)	-96.5%	\$0.01008	\$0.00127	(\$0.00881)	-87.4%
New Continuous	\$0.01056	\$0.00174	(\$0.00882)	-83.5%	\$0.01151	\$0.00270	(\$0.00881)	-76.5%
<b>Agricultural</b>								
Non-Continuous								
New Non-Continuous	\$0.00251	\$0.00009	(\$0.00242)	-96.4%	\$0.00278	\$0.00035	(\$0.00243)	-87.4%
New Continuous	\$0.00291	\$0.00048	(\$0.00243)	-83.5%	\$0.00317	\$0.00074	(\$0.00243)	-76.7%
<b>Streetlighting</b>								
Non-Continuous								
New Non-Continuous	\$0.00000	\$0.00000	\$0.00000	0.0%	\$0.00000	\$0.00000	\$0.00000	0.0%
New Continuous	\$0.00000	\$0.00000	\$0.00000	0.0%	\$0.00000	\$0.00000	\$0.00000	0.0%

ATTACHMENT B  
 COMPARISON OF CURRENT AND PROPOSED CCA PCIA RATES  
 SAN DIEGO GAS AND ELECTRIC COMPANY — ELECTRIC RATE COMPLIANCE DEPARTMENT  
 SONGS SETTLEMENT IMPLEMENTATION  
 AL 2676-E

Customer Class	Current 2009 Vintage	Proposed 2009 Vintage	\$ Change from Current	% Change from Current	Current 2010 Vintage	Proposed 2010 Vintage	\$ Change from Current	% Change from Current	Current 2011 Vintage	Proposed 2011 Vintage	\$ Change from Current	% Change from Current
Market Benchmark Price	\$61.06	\$61.06	\$0.00	0.0%	\$65.96	\$65.96	\$0.00	0.0%	\$71.75	\$71.75	\$0.00	0.0%
<b>Residential</b>	\$0.00763	\$0.00000	(\$0.00763)	-100.0%	\$0.00825	\$0.00048	(\$0.00777)	-94.2%	\$0.00856	\$0.00082	(\$0.00774)	-90.4%
<b>Small Commercial</b>	\$0.01030	\$0.00000	(\$0.01030)	-100.0%	\$0.01114	\$0.00065	(\$0.01049)	-94.2%	\$0.01155	\$0.00110	(\$0.01045)	-90.5%
<b>Medium/Large Commercial &amp; Industrial</b>	\$0.00871	\$0.00000	(\$0.00871)	-100.0%	\$0.00942	\$0.00055	(\$0.00887)	-94.2%	\$0.00977	\$0.00093	(\$0.00884)	-90.5%
<b>Agricultural</b>	\$0.00240	\$0.00000	(\$0.00240)	-100.0%	\$0.00259	\$0.00015	(\$0.00244)	-94.2%	\$0.00269	\$0.00026	(\$0.00243)	-90.3%
<b>Streetlighting</b>	\$0.00000	\$0.00000	\$0.00000	0.0%	\$0.00000	\$0.00000	\$0.00000	0.0%	\$0.00000	\$0.00000	\$0.00000	0.0%

ATTACHMENT B  
 COMPARISON OF CURRENT AND PROPOSED CCA PCIA RATES  
 SAN DIEGO GAS AND ELECTRIC COMPANY — ELECTRIC RATE COMPLIANCE DEPARTMENT  
 SONGS SETTLEMENT IMPLEMENTATION  
 AL 2676-E

Customer Class	Current 2012 Vintage	Proposed 2012 Vintage	\$ Change from Current	% Change from Current	Current 2013 Vintage	Proposed 2013 Vintage	\$ Change from Current	% Change from Current	Current 2014 Vintage	Proposed 2014 Vintage	\$ Change from Current	% Change from Current
Market Benchmark Price	\$74.23	\$74.23	\$0.00	0.0%	\$78.11	\$78.11	\$0.00	0.0%	\$78.16	\$78.16	\$0.00	0.0%
<b>Residential</b>	\$0.00819	\$0.00046	(\$0.00773)	-94.4%	\$0.00800	\$0.00028	(\$0.00772)	-96.5%	\$0.00884	\$0.00111	(\$0.00773)	-87.4%
<b>Small Commercial</b>	\$0.01106	\$0.00062	(\$0.01044)	-94.4%	\$0.01080	\$0.00037	(\$0.01043)	-96.6%	\$0.01193	\$0.00150	(\$0.01043)	-87.4%
<b>Medium/Large Commercial &amp; Industrial</b>	\$0.00935	\$0.00053	(\$0.00882)	-94.3%	\$0.00913	\$0.00032	(\$0.00881)	-96.5%	\$0.01008	\$0.00127	(\$0.00881)	-87.4%
<b>Agricultural</b>	\$0.00257	\$0.00015	(\$0.00242)	-94.2%	\$0.00251	\$0.00009	(\$0.00242)	-96.4%	\$0.00278	\$0.00035	(\$0.00243)	-87.4%
<b>Streetlighting</b>	\$0.00000	\$0.00000	\$0.00000	0.0%	\$0.00000	\$0.00000	\$0.00000	0.0%	\$0.00000	\$0.00000	\$0.00000	0.0%

# **Appendix F**

## **Consolidated Filing to Implement January 1, 2015 Electric Rates**

**AL 2685**



PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298



March 2, 2015

**Advice Letter 2685-E**

Clay Faber, Director  
Regulatory Affairs  
San Diego Gas and Electric  
8330 Century Park Court, CP32C  
San Diego, CA 92123-1548

**Subject: Consolidated Filing to Implement January 1, 2015  
Electric Rates**

Dear Mr. Faber:

Advice Letter 2685-E is effective January 1, 2015.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph  
Director, Energy Division



Clay Faber  
Director – Regulatory Affairs  
8330 Century Park Court  
San Diego, CA 92123-1548

Tel: 858-654-3563  
Fax: 858-654-1788  
CFaber@semprautilities.com

December 30, 2014

**ADVICE LETTER 2685-E**  
(U 902-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

**SUBJECT: CONSOLIDATED FILING TO IMPLEMENT JANUARY 1, 2015 ELECTRIC RATES**

San Diego Gas & Electric Company (SDG&E) hereby submits the following revisions applicable to its electric tariffs, as shown on Attachment C.

**PURPOSE**

The purpose of this filing is to consolidate the electric rate adjustments authorized by the California Public Utilities Commission (Commission or CPUC) and filed at the Federal Energy Regulatory Commission (FERC) through advice letters or decisions for an effective date of January 1, 2015. Incorporated into this consolidated filing and rate schedule is the impact from each advice letter filing and decision.

**DISCUSSION**

**Annual Regulatory Account Update**

In accordance with Advice Letter (AL) 2664-E filed on October 31, 2014<sup>1</sup>, SDG&E is amortizing the projected December 31, 2014 balances of certain accounts to be collected in electric rates effective January 1, 2015. The net impact of the balances to be amortized is a \$19.8 million increase to total electric revenues effective January 1, 2015. Updates to the Rewards & Penalties Balancing Account (RPBA) balance resulting from the Energy Efficiency Incentive Award are addressed in a separate section below.

**SDG&E General Rate Case (GRC) Attrition Year 2015**

Pursuant to Ordering Paragraph (OP) 4 of Decision (D).13-05-010 and Section C of SDG&E's Electric and Gas Performance Based Ratemaking (PBR) Mechanism, SDG&E's post-test year attrition increase is 2.75% for 2015 which equates to \$33.9 million. The electric distribution portion of the 2015 GRC attrition is \$30.2 million. The electric generation portion of \$3.6 million is included in the Non-fuel Generation Balancing Account (NGBA) update section below. The San Onofre Nuclear Generating Station (SONGS) portion of \$29 thousand for spent fuel storage is included in the Nuclear Decommissioning (ND) rate.

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<sup>1</sup> Approved by the Energy Division on December 12, 2014

Description	Attrition (\$000)
Electric Distribution	30,233
Electric Generation	3,634
SONGS Spent Fuel	29
TOTAL	33,896

### **Public Purpose Program Update**

SDG&E's electric Public Purpose Program (PPP) rates consist of low-income and non-low-income PPP cost components. The low-income cost component reflects the Energy Savings Assistance (ESA) (formerly referred to as Low-Income Energy Efficiency (LIEE)) and California Alternate Rates for Energy (CARE) programs. The non-low-income cost component reflects the Electric Procurement Energy Efficiency (EPEE) and the Electric Program Investment Charge (EPIC) programs. In accordance with AL 2652-E-A<sup>2</sup> filed on October 8, 2014, SDG&E is updating funding and amortizations related to PPP, resulting in a net decrease of PPP revenues by \$3.3 million.

AL 2652-E-A discusses the escalation of the EPIC revenue requirement and that SDG&E would provide an update with the calculated escalation adjustment in this advice letter. On October 22, 2014, the 2014 3<sup>rd</sup> Quarter Consumer Price Index (CPI) was released and SDG&E calculated a 1.605% compounded annual growth rate<sup>3</sup> to escalate authorized EPIC funding. The compounded rate (for the 3 year cycle) that was applied to the annual \$14.3 million for 2015 is 4.9%. This results in an EPIC revenue requirement escalation adjustment increase of \$699 thousand effective January 1, 2015.

AL 2652-E-A also discussed the CARE rate subsidies and the Total Rate Adjustment Component (TRAC) and that SDG&E would update the CARE rate subsidies revenue requirement in this advice letter. However, it was determined that the CARE rate subsidy will remain the same at \$63.2 million.

### **Energy Efficiency (EE) Approved 2015 Budgets D.14-10-046**

SDG&E's electric EE 2015 budget was approved pursuant to D.14-10-046 dated October 16, 2014. The 2015 electric EE budget is \$104.6 million, which is an increase of \$9.2 million from current \$95.4 million that is reflected in the PPP Update AL 2652-E-A that was filed October 8, 2014 and is discussed above.

### **Total Rate Adjustment Component (TRAC)**

The Rate Design Settlement Component Account (RDSCA) records the credits and revenues attributed to the TRAC, formerly known as 2006 Rate Design Settlement Component, reflected in rates adopted by the Commission in D.05-12-003 for the recovery of cross-subsidies associated with the residential tiered rate structure pursuant to D.14-06-029. The RDSCA projected 2014 year-end balance is an undercollection of \$137.2 million.

Consistent with D.14-01-002, the implementation of the modification to the allocation of CARE rate subsidies results in a reduction to the TRAC balance and an increase to Public Purpose Program (PPP) rates for all customers through an increase to the CARE surcharge to maintain

<sup>2</sup> Approved by the Energy Division on December 30, 2014

<sup>3</sup> The compounded annual growth rate and resultant three year compounded rate were provided, per D.12-05-037, on November 6, 2014 to the CPUC Energy Division in response to its data request on October 31, 2014.

the exemption for CARE customers, specifically \$63.2 million, resulting in a CARE surcharge of \$0.00649 per kWh.

The undercollected RDSCA balance of \$137.2 million less the \$63.2 million reduction for the CARE rate subsidies described above results in a net TRAC balance of \$74.0 million that will be amortized over 12 months to residential customers effective January 1, 2015. The net TRAC balance of \$74.0 million is an increase of \$89.9 million from the current TRAC balance included in rates of -\$15.9 million.

#### **Non-Fuel Generation Balancing Account (NGBA) Update**

In accordance with AL 2670-E<sup>4</sup>, approved on December 12, 2014, SDG&E is updating certain revenue requirements related to its Generation Plants<sup>5</sup> and Solar Energy Project balancing account amortizations. The resulting San Onofre Nuclear Generating Station (SONGS) related revenue requirement, including the transfer of projected year-end balances for NGBA and SONGS Balancing Account (SONGSBA) will be addressed below. The net impact of the NGBA revenue requirement and amortizations included in the filing, excluding any revenue requirements related to SONGS, is a decrease of \$1.4 million.

**Non-Fuel Generation Balancing Account (NGBA)-SONGS Related** Pursuant to D.14-11-040 of the SONGS Amended and Restated Settlement Agreement (Settlement Agreement or Settlement), SDG&E filed AL 2672-E on November 26, 2014 to update the revenue requirement related to SONGS and the transfer of projected year-end balances for NGBA and SONGSBA. The net impact to the total NGBA revenue requirement for the SONGS-related revenue requirement and amortizations included in the filing is a decrease of \$111.3 million.

#### **Department of Water Resources (DWR) Bond and Power Charge**

Beginning 2014, pursuant to OP 5 of D.13-12-004, SDG&E's implementation of the DWR power charge revenue requirement and DWR bond charge is through its Annual Consolidated Filing rather than through a separate AL filing.

D.14-12-002 provides for an updated 2015 DWR power charge credit of \$42 million (OP 1b) and DWR bond charge (OP 1c) of \$0.00526 per kWh. Per OP 4, the methodology authorized in D.12-11-040 is adopted for 2015 to return the net negative revenue requirement to customers resulting in a DWR customer return credit rate of (\$0.00239) per kWh as shown in Attachment C. Attachment C provides details on SDG&E's \$42 million allocation for the return of DWR's excess cash. The 2015 DWR power charge revenue requirement is decreasing by \$15 million, from negative \$27 million to negative \$42 million. The 2015 DWR bond charge rate is increasing to \$0.00526 per kWh from \$0.00513 per kWh. These rates will be effective January 1, 2015.

#### **Federal Energy Regulatory Commission (FERC) Jurisdictional Rates**

Each year on January 1<sup>st</sup>, SDG&E updates its Reliability Services, Transmission Revenue Balancing Account Adjustment (TRBAA), Transmission Access Charge Balancing Account Adjustment (TACBAA) costs and amortization of prior year balances. SDG&E filed its second annual Informational Filing under its Fourth Transmission Owner Formula (TO4 Cycle 2) ratemaking mechanism for updates to its Base Transmission Revenue Requirements (BTRR) at

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<sup>4</sup> Approved by the Energy Division on December 12, 2014.

<sup>5</sup> SDG&E's Generation Plants include the Miramar Energy Facilities I & II, Palomar Energy Center Facility, Desert Star Energy Center, Cuyamaca Peak Energy Center and the utility-owned generation portion of SDG&E's Solar Energy Photovoltaic Program

the Federal Energy Regulatory Commission (FERC) on December 1, 2014, to become effective January 1, 2015.

In addition, SDG&E's Reliability Services (RS) and TO4 Cycle 2 filings before the FERC included proposed rate design changes consistent with CPUC rate design implemented pursuant to D.14-01-002, more specifically (1) seasonal definition change for non-residential customers to include the month of October as a summer month instead of a winter month, and (2) the addition of a new Agricultural class consisting of Schedules PA, TOU-PA and PA-T-1. On December 16, 2014 SDG&E filed AL 2678-E reflecting these changes in addition to the updated cost of service described below.

SDG&E received approval for its RS filing Docket No. ER15-175 requesting 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 on December 19, 2014. The FERC has not yet approved SDG&E's TO4 Cycle 2 Informational Filing reflecting an increase to BTRR of approximately \$185.0 million to \$746.0 million for the 12-month effective period beginning January 1, 2015 and ending December 31, 2015, or an increase of approximately 32.97%. In Docket No. ER15-679-000, SDG&E's TRBAA<sup>6</sup> 2015 rate is revised for an approximate \$2.4 million decrease compared to the current 2014 TRBAA rates. In addition, in Docket ER15-679-000, the 2015 TACBAA<sup>7</sup> cost of service is updated for an approximate \$54.3 million decrease in expected California Independent System Operator (ISO) costs and credits as compared to the current TACBAA cost of service.

#### **Critical Peak Pricing Default (CPP-D) Under / (Over) Collection**

In accordance with AL 2069-E and D.08-02-034 SDG&E is authorized to include CPP-D commodity under/overcollections resulting from Schedule EECC-CPP-D rates in its January 1<sup>st</sup> Consolidated Electric filing. With the implementation of Schedule EECC-CPP-D-AG pursuant to D.14-01-002<sup>8</sup>, under/overcollections associated with Schedule EE-CPP-D-AG are now included. During 2014, there were fewer CPP Events and lower Capacity Reservations than were built into the development of CPP-D Rates. The rates for EECC-CPP-D and EECC-CPP-D-AG were based on an assumption that nine CPP Event Days would be called. In addition, the rate was based on the assumption that all CPP-D customers would specify a Capacity Reservation of 50% of the customer's maximum on-peak summer demand. During the previous twelve-month period of October 2013 through September 2014, six CPP Event Days were called and customers designated Capacity Reservations lower than 50% of maximum on-peak summer demand, resulting in a commodity undercollection of \$12.9 million on EECC-CPP-D for the Commercial and Industrial (C&I) class and \$0.1 million on EECC-CPP-D-AG for the Agricultural class of customers. SDG&E is currently amortizing a CPP-D commodity undercollection of \$9.2 million. The total change in the amortization amounts results in a net increase of approximately \$3.8 million to electric commodity rates effective January 1, 2015.

#### **Distributed Generation Renewable (DGR) – Time Metered Under / (Over) Collection**

In accordance with AL 2209-E and D.08-02-034, SDG&E is authorized to include distribution and commodity under/overcollections resulting from DG-R rates. From September 2013 through August 2014, the design of the DG-R rates compared to the DG-R customer's

<sup>6</sup> 2015 TRBAA rates filed with FERC in December of 2014 to become effective on January 1, 2015.

<sup>7</sup> 2015 TACBAA rates filed with FERC in December of 2014 to become effective on January 1, 2015.

<sup>8</sup> Schedule EECC-CPP-D-AG was adopted as the CPP-D rate for agricultural customers pursuant to D.14-01-002 and implemented in AL 2595-E effective May 1, 2014.

otherwise applicable rate resulted in distribution and commodity revenue undercollections of \$2.3 million and \$0.1 million, respectively, for a net undercollection of \$2.4 million to be amortized into rates for the C&I customer class. SDG&E is currently amortizing DG-R distribution and commodity revenue undercollections of \$1.1 million and \$0.3 million, respectively. The change in the amortization amounts result in an overall net increase of approximately \$1.2 million to distribution rates and decrease of approximately \$0.2 million to commodity rates for the C&I class of customers effective January 1, 2015.

#### **Self-Generation Incentive Program (SGIP)**

The CPUC's SGIP provides incentives to support existing, new, and emerging distributed energy resources. On June 20, 2014, the Governor signed Senate Bill (SB) 861, which among other things, extended the Commission's ability to authorize the Investor Owned Utilities (IOUs), identified as Pacific Gas and Electric Company (PG&E), Southern California Edison Company (SCE), SDG&E, and Southern California Gas Company (SoCalGas) SGIP through January 1, 2021 and to collect from ratepayers an annual budget not to exceed the 2008 budget through December 31, 2019. D.14-12-033, directed the IOUs to collect \$83 million annually from ratepayers in 2015, 2016, 2017, 2018, and 2019 to support SGIP, consistent with the current allocation methodology. SDG&E's allocation of \$11 million, with the electric portion of \$10.0 million, remains unchanged in 2015. This will continue to be collected in electric distribution rates effective January 1, 2015.

#### **California Solar Initiative (CSI)**

The CSI is overseen by the CPUC and provides upfront incentives for solar systems installed on existing residential homes, as well as existing and new commercial, industrial, government, non-profit, and agricultural properties within the service territories of the California investor-owned-utilities (IOUs). Pursuant to D.12-12-018, the CSI revenue requirement for 2015 is \$31.4 million, which results in an increase of \$1.8 million from current.

#### **Energy Efficiency Incentive Award**

Pursuant to Resolution G-3497, dated December 18, 2014, SDG&E is authorized to record an Energy Efficiency Incentive Award for program year 2012 of \$5.1 million. Electric is allocated \$4.1 million (80%) and gas \$1.0 million (20%). SDG&E is also authorized to record an Energy Efficiency Incentive Award for program year 2013 of \$2.5 million. Electric is allocated \$2.2 million (90%) and gas \$245 thousand (10%). Accordingly, for 2015, SDG&E's electric award revenue requirement totals \$6.3 million, which results in an increase of \$6.3 million for recovery of the electric share of the awarded incentive payment in rates effective January 1, 2015.

#### **Dynamic Pricing Program (DPP)**

Pursuant to OP 13 of D.12-12-004 and in accordance with AL 2447-E SDG&E is authorized to recover costs, not to exceed \$92.7 million, for the implementation of dynamic pricing structures and associated activities adopted in this decision. Pursuant to OP 17 of D.12-12-004, SDG&E's 2015 DPP revenue requirement is \$48.8 million. SDG&E's electric generation revenue requirement will increase by \$13.0 million effective January 1, 2015.

#### **Peak Time Rebate (PTR) Incentive Payment Costs**

The PTR program provides, when conditions warrant, incentives for customers providing demand response. In accordance with AL 2420-E-A, and D.08-02-034, SDG&E is authorized to implement the recovery of residential PTR incentive payments in its January 1<sup>st</sup> Consolidated Electric filing. During 2014, SDG&E called seven PTR events, which resulted in PTR incentive payments billed through November 2014 of approximately \$1.5 million to be amortized in rates in 2015. SDG&E is currently amortizing approximately \$1.3 million in PTR incentive payments issued in 2013. The change in the amortization amounts results in a net increase of

approximately \$0.2 million to electric commodity rates for the residential class of customers effective January 1, 2015.

### **Nuclear Decommissioning Adjustment Mechanism**

The purpose of the NDAM is to 1) record revenue from the Nuclear Decommissioning component of SDG&E's rates, 2) record the authorized revenue requirement for the amount SDG&E contributes to the Nuclear Decommissioning Trust, and 3) record the SONGS revenue requirement for costs authorized relating to spent nuclear fuel storage fees.

Pursuant to OP 2 of D.14-12-082 approved by the Commission on December 18, 2014, SDG&E is authorized to continue collecting its currently authorized annual revenue requirement of \$8.07 million for its contributions to the SONGS Units 2&3 Nuclear Decommissioning Trust fund. Additionally, consistent with OP2 of D.14-12-082, SDG&E will amortize its December 31, 2013 NDAM overcollection beginning January 1, 2015. This results in a net decrease of \$0.7 million to rates effective January 1, 2015.

### **Residential Rate Reform Phase 2**

Pursuant to D.14-06-029, approved by the Commission on June 12, 2014, Settlement Agreement for Phase 2 Interim Residential Rate Design Changes for SDG&E (Settlement Agreement) in Rulemaking (R.) 12-06-013, the Settlement Agreement adopted by OP 3 of D.14-06-029 approves new rules for changes to residential non-CARE and CARE tiered rates that were previously capped under Assembly Bill 1X and Senate Bill 695. SDG&E includes Attachment B to satisfy the Settlement Agreement requirement that "[w]hen SDG&E files an Advice Letter to reflect revenue requirement changes, it will include data about February 1, 2014 rates, Residential Average Rate (RAR) and system average rate (SAR) contrast to Feb 1, 2014 percent changes to help parties to review them more efficiently."

### **Closure of Schedules EPEV-X, Y and Z (Domestic Experimental Plug-in Electric Vehicle Services)**

SDG&E will close/retire Experimental Electric Vehicle Rate Schedules EPEV-X, EPEV-Y, and EPEV-Z as of January 1, 2015. The experimental study is complete, and as noted in the Applicability section and Special Condition 3 of the tariffs, customers will now enroll in another applicable rate schedule.

**SUMMARY**

This Advice Letter implements the above-described changes in SDG&E's electric rates commencing January 1, 2015. SDG&E's total system average electric rates will increase by approximately 0.736 cents/kWh or 3.66%. Included as Attachment A to this filing is a table summarizing the rate impacts by customer class.

Revenue Impact Description	Revenue Requirement Increase/(Decrease) (\$000)
<b>Annual Updates:</b>	
Annual Regulatory Account Update (AL 2664-E)	19,804
PPP Update (AL 2652-E-A)	(3,280)
Non-Fuel Generation Balancing Account (NGBA) Update (AL 2670-E)	(1,401)
NGBA SONGS Related (AL 2672-E)	(111,262)
DWR Power Charge	(14,541)
2012 GRC Attrition Year 2015	30,262
FERC Jurisdictional	97,222
<i>Reliability Service (RS)</i>	<i>(565)</i>
<i>Base Transmission Revenue Requirement (BTRR)</i>	<i>153,874</i>
<i>Transmission Revenue Balancing Account     Adjustment (TRBAA)</i>	<i>(2,420)</i>
<i>Transmission Access Charge Balancing Account     Adjustment (TACBAA)</i>	<i>(53,667)</i>
Total Rate Adjustment Component - TRAC	89,858
Critical Peak Pricing Default (CPP-D) Under / (Over) Collection	3,782
Distributed Generation Renewable (DGR) - Time Metered Under / (Over) Collection	978
Peak Time Rebate (PTR) Incentive Payment Costs	239
<b>Other Updates:</b>	
California Solar Initiative (CSI) ) D.12-12-018	1,750
Dynamic Pricing Program (DPP)	13,017
<b>Recent Regulatory Impacts:</b>	
Nuclear Decommissioning Adjustment Mechanism (D.14-12-082)	(700)
Energy Efficiency Incentive Awards (Resolution G-3497, AL 2620-E)	6,282
Energy Efficiency (D.14-10-046)	9,208
Electric Program Investment Charge (EPIC) Escalation Adjustment (AL 2652-E-A, D.12-05-037)	699
<b>Total Increase (w/o FF&amp;U)</b>	<b>141,916</b>
<b>Total Increase (with FF&amp;U)</b>	<b>152,586</b>

\* Total excludes rate impact from change in DWR-BC.

\*\* Revenues related to DWR Power Charge and under/overcollections associated with CPP-D, DG-R, PTR and TRAC do not include an adjustment for FF&U.

\*\*\* Sums may not equal due to rounding.



**PROTEST**

Anyone may protest this Advice Letter to the Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and received within 20 days of the date this Advice Letter was filed with the Commission, or January 19, 2015. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue  
San Francisco, CA 94102

Copies should also be sent via e-mail to the attention of [EDtariffunit@cpuc.ca.gov](mailto:EDtariffunit@cpuc.ca.gov) of the Energy Division. It is also requested that a copy of the protest should be sent via electronic mail to SDG&E on the same date it is mailed or delivered to the Commission (at the address shown below).

Attn: Megan Caulson  
Regulatory Tariff Manager  
9305 Lightwave Avenue  
San Diego, CA 92123-1550  
E-mail: [MCaulson@semprautilities.com](mailto:MCaulson@semprautilities.com)

**EFFECTIVE DATE**

SDG&E believes this filing is subject to Energy Division disposition and should be classified as Tier 1 (effective pending disposition) pursuant to GO 96-B. SDG&E respectfully requests that this filing be approved effective January 1, 2015.

**NOTICE**

A copy of this filing has been served on the utilities and interested parties shown on the attached list, including interested parties in A.10-12-005, by providing them a copy hereof either electronically or via the U.S. mail, properly stamped and addressed.

Address changes should be directed to SDG&E Tariffs by e-mail to [SDG&ETariffs@semprautilities.com](mailto:SDG&ETariffs@semprautilities.com).

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Clay Faber  
Director – Regulatory Affairs

# CALIFORNIA PUBLIC UTILITIES COMMISSION

## ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SAN DIEGO GAS & ELECTRIC (U 902)**

Utility type:

ELC

GAS

PLC

HEAT

WATER

Contact Person: Aurora Carrillo

Phone #: (858) 654-1542

E-mail: acarrillo@semprautilities.com

### EXPLANATION OF UTILITY TYPE

ELC = Electric

GAS = Gas

PLC = Pipeline

HEAT = Heat

WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2685-E

Subject of AL:) Consolidated Filing to Implement January 1, 2015 Electric Rates

Keywords (choose from CPUC listing): Rates, FERC

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL

Summarize differences between the AL and the prior withdrawn or rejected AL<sup>1</sup>: N/A

Does AL request confidential treatment? If so, provide explanation:

Resolution Required?  Yes  No

Tier Designation:  1  2  3

Requested effective date: January 1, 2015

No. of tariff sheets: 86

Estimated system annual revenue effect (%):

Estimated system average rate effect (%): 3.66% or 0.736 cents/kWhr

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: See Table of Contents

Service affected and changes proposed<sup>1</sup>: N/A

Pending advice letters that revise the same tariff sheets: 2678-E

**Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:**

**CPUC, Energy Division**

**Attention: Tariff Unit**

**505 Van Ness Ave.,**

**San Francisco, CA 94102**

**mas@cpuc.ca.gov and EDTariffUnit@cpuc.ca.gov**

**San Diego Gas & Electric**

**Attention: Megan Caulson**

**8330 Century Park Ct, Room 32C**

**San Diego, CA 92123**

**mcaulson@semprautilities.com**

<sup>1</sup> Discuss in AL if more space is needed.

General Order No. 96-B  
ADVICE LETTER FILING MAILING LIST

cc: (w/enclosures)

Public Utilities Commission

DRA

S. Cauchois  
R. Pocta  
W. Scott

Energy Division

P. Clanon  
S. Gallagher  
D. Lafrenz  
M. Salinas

CA. Energy Commission

B. Helft  
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K. Cameron

American Energy Institute

C. King

APS Energy Services

J. Schenk

BP Energy Company

J. Zaiontz

Barkovich & Yap, Inc.

B. Barkovich

Bartle Wells Associates

R. Schmidt

Braun & Blaising, P.C.

S. Blaising

California Energy Markets

S. O'Donnell

C. Sweet

California Farm Bureau Federation

K. Mills

California Wind Energy

N. Rader

Children's Hospital & Health Center

T. Jacoby

City of Chula Vista

M. Meacham

City of Poway

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City of San Diego

J. Cervantes

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M. Valerio

Commerce Energy Group

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Dept. of General Services

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Duke Energy North America

M. Gillette

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Ellison Schneider & Harris LLP

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Energy Policy Initiatives Center (USD)

S. Anders

Energy Price Solutions

A. Scott

Energy Strategies, Inc.

K. Campbell

M. Scanlan

Goodin, MacBride, Squeri, Ritchie & Day

B. Cragg

J. Heather Patrick

J. Squeri

Goodrich Aerostructures Group

M. Harrington

Hanna and Morton LLP

N. Pedersen

Itsa-North America

L. Belew

J.B.S. Energy

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Luce, Forward, Hamilton & Scripps LLP

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D. Huard

R. Keen

Matthew V. Brady & Associates

M. Brady

Modesto Irrigation District

C. Mayer

Morrison & Foerster LLP

P. Hanschen

MRW & Associates

D. Richardson

Pacific Gas & Electric Co.

J. Clark

M. Huffman

S. Lawrie

E. Lucha

Pacific Utility Audit, Inc.

E. Kelly

San Diego Regional Energy Office

S. Freedman

J. Porter

School Project for Utility Rate Reduction

M. Rochman

Shute, Mihaly & Weinberger LLP

O. Armi

Solar Turbines

F. Chiang

Southern California Edison Co.

M. Alexander

K. Cini

K. Gansecki

H. Romero

TransCanada

R. Hunter

D. White

TURN

M. Hawiger

UCAN

D. Kelly

U.S. Dept. of the Navy

K. Davoodi

N. Furuta

L. DeLacruz

Utility Specialists, Southwest, Inc.

D. Koser

Western Manufactured Housing

Communities Association

S. Dey

White & Case LLP

L. Cottle

Interested Parties In:

A.11-10-002

**SAN DIEGO GAS & ELECTRIC COMPANY - ELECTRIC DEPARTMENT**  
Consolidated Year-End Rate Change

**Attachment A**

**SDG&E Advice Letter 2685-E**

**CLASS AVERAGE RATES**

Rates Effective 8/1/2014  
in AL 2632-E and AL 2632-E-A

Rates to be Implemented  
1/1/2015

	Current Total UDC Rate (¢/KWhr)	Current Avg. Commodity + DWR Credit (¢/KWhr)	Current Total Rate (¢/KWhr)	Total UDC Rate (¢/KWhr)	Avg. Commodity + DWR Credit (¢/KWhr)	Total Rate (¢/KWhr)	Total Rate Change (¢/KWhr)	Total Rate Change (%)
Residential <sup>1</sup>	9.340	11.175	20.515	11.544	10.477	22.021	1.506	7.34%
Small Commercial	12.632	11.183	23.815	13.917	10.480	24.397	0.582	2.44%
Med&Lg C&I	8.243	10.919	19.162	9.129	10.333	19.462	0.300	1.57%
Agriculture	10.059	9.519	19.578	8.657	8.907	17.564	(2.014)	-10.29%
Lighting	10.441	7.013	17.454	11.486	6.537	18.023	0.569	3.26%
System Total	9.109	11.013	20.122	10.494	10.364	20.858	0.736	3.66%

**CLASS AVERAGE RATES  
EXCLUDING CALIFORNIA CLIMATE CREDIT**

	Current Total UDC Rate (¢/KWhr)	Current Avg. Commodity + DWR Credit (¢/KWhr)	Current Total Rate (¢/KWhr)	Total UDC Rate (¢/KWhr)	Avg. Commodity + DWR Credit (¢/KWhr)	Total Rate (¢/KWhr)	Total Rate Change (¢/KWhr)	Total Rate Change (%)
Residential <sup>2</sup>	10.472	11.175	21.647	12.676	10.477	23.153	1.506	6.96%
System Total	9.535	11.013	20.548	10.920	10.364	21.284	0.736	3.58%

DWR-BC rate is reflected in the Average UDC rate.

<sup>1</sup>UDC includes residential California Climate Credit which is received semi-annually

<sup>2</sup>UDC excludes residential California Climate Credit which is received semi-annually

**SAN DIEGO GAS & ELECTRIC COMPANY - ELECTRIC DEPARTMENT**  
**Phase 2 Interim Residential Rate Design Changes**  
**Rates to be Implemented 1/1/2015**

**Attachment B**  
**SDG&E AL 2685-E**

LINE NO.	DESCRIPTION (A)	UNITS (B)	2/1/2014 TOTAL RATE (C)	1/1/2015 TOTAL RATE (D)	\$ CHANGE (E)	% CHANGE (F)	LINE NO.
1	Residential Average Rate w/o CCC	\$/kWh	0.21064	0.23153	0.02089	9.92%	1
2							2
3	System Average Rate w/o CCC	\$/kWh	0.18130	0.21284	0.03154	17.40%	3
4							4
5	<b>SCHEDULE DR (Non-CARE)</b>						5
6	Summer Energy						6
7	Tier 1 (Baseline Energy)	\$/kWh	0.15396	0.17231	0.01835	11.92%	7
8	Tier 2 (101% to 130% of Baseline)	\$/kWh	0.17778	0.20252	0.02474	13.92%	8
9	Winter Energy						9
10	Tier 1 (Baseline Energy)	\$/kWh	0.15396	0.17231	0.01835	11.92%	10
11	Tier 2 (101% to 130% of Baseline)	\$/kWh	0.17778	0.20252	0.02474	13.92%	11
12							12
13	<b>SCHEDULE DR-LI (CARE)</b>						13
14	Summer Energy						14
15	Tier 1 (Baseline Energy)	\$/kWh	0.13120	0.14684	0.01564	11.92%	15
16	Tier 2 (101% to 130% of Baseline)	\$/kWh	0.15259	0.17077	0.01818	11.91%	16
17	Tier 3 (131% to 200% of Baseline)	\$/kWh	0.22236	0.25553	0.03317	14.92%	17
18	Winter Energy						18
19	Tier 1 (Baseline Energy)	\$/kWh	0.13120	0.14684	0.01564	11.92%	19
20	Tier 2 (101% to 130% of Baseline)	\$/kWh	0.15259	0.17077	0.01818	11.91%	20
21	Tier 3 (131% to 200% of Baseline)	\$/kWh	0.20811	0.23915	0.03104	14.92%	21
22							22
23	<b>SCHEDULE DR-LI (CARE effective rates adjusted to include CARE Discount and CARE Surcharge Exemption)</b>						23
24	Summer Energy						24
25	Tier 1 (Baseline Energy)	\$/kWh	0.10265	0.11228	0.00963	9.38%	25
26	Tier 2 (101% to 130% of Baseline)	\$/kWh	0.11976	0.13142	0.01166	9.74%	26
27	Tier 3 (131% to 200% of Baseline)	\$/kWh	0.17558	0.19923	0.02365	13.47%	27
28	Winter Energy						28
29	Tier 1 (Baseline Energy)	\$/kWh	0.10265	0.11228	0.00963	9.38%	29
30	Tier 2 (101% to 130% of Baseline)	\$/kWh	0.11976	0.13142	0.01166	9.74%	30
31	Tier 3 (131% to 200% of Baseline)	\$/kWh	0.16418	0.18613	0.02195	13.37%	31

**Attachment C**  
**San Diego Gas & Electric Company**  
**Advice Letter No. 2685-E (Electric Consolidated AL)**  
**Allocation of 2015 DWR Revenue Requirement to SDG&E and Customer Return Credit Rate Calculation (ref. D.14-12-002 Appendix A)**  
(Dollars in millions except as noted)

Line	Description	SDG&E	Reference
1	Allocation Percentages	10.30%	Decision 05-06-060
2			
3	2004-2013 Expenses	4,588	Actuals
4	2004-2013 Revenues	4,673	Actuals
5	Amount to be collected from /(returned to) the IOU USBA	\$ (85)	Line 3 - Line 4
6			
7	2014 Expenses	6	Actuals through Jul-14 then projected
8	2014 Revenues	(1)	Actuals through Jul-14 then projected
9	Amount to be collected from /(returned to) the IOU USBA	\$ 7	Line 7 - Line 8
10			
11	<b>Balancing Calculation</b>		
12	December 31, 2015 Projected PCA Balance: Desired Allocation	2	
13	January 1, 2004 Starting PCA Balance: Desired Allocation	171	
14	Amount to be collected from /(returned to) the IOU USBA	\$ (169)	Line 12 - Line 13
15			
16	Fixed Transfer Payments Through 2014	204	
17	2004-2014 True-up	(78)	Line 5 + Line 9
18	Starting and Ending balance True-up	(169)	Line 14
19	Cumulative True-up to be collected from/(returned to) IOU USBA	\$ (43)	Subtotal
20			
21	<b>2015 Revenue Requirement Determination</b>		
22	Avoidable Costs	-	2015RptRR
23	Net CFC	-	2015RptRR
24	Fixed Transfer Payments	-	
25	Administrative and General	2	2015RptRR
26	Interest Earnings on Fund Balance	(0)	2015RptRR
27	Balancing Transfer between IOUs [(+) is pmt, (-) is receipt]	(43)	Line 19
28	Net Allocation of Revenue Requirements	\$ (42)	
29			
30	Remittance Table		
31	Negative RR with DWR Deliveries	-	Amount based on power costs only (Lines 22-23)
32	Negative RR without DWR Deliveries	(42)	Amount based on net RR (Line 28)
33	Positive RR with DWR Deliveries	-	Amount based on net RR (Line 28)
34	Subtotal	\$ (42)	
35			
36	DWR Delivered Energy (GWh)	NA	
37	Calendar Year Remittance Rates (\$/MWh)	NA	Line 34 divided by Line 36
38			
39	IOU Remittances (payment to DWR)	-	
40	Return of Excess Amounts (payment to IOUs)	(42)	
41	Final Allocation of Revenue Requirements (after remittances)	\$ (42)	
42			
43	Authorized Forecasted Bundled Sales (kWh)	17,412,548,254	
44	<b>DWR Customer Return Credit Rate (\$/kWh)</b>	<b>\$ (0.00239)</b>	

ATTACHMENT D  
ADVICE LETTER 2685-E

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
Revised 25895-E	SCHEDULE DR, RESIDENTIAL SERVICE, (Includes Rates for DR-LI), Sheet 1	Revised 25719-E
Revised 25896-E	SCHEDULE DR, RESIDENTIAL SERVICE, (Includes Rates for DR-LI), Sheet 2	Revised 25720-E
Revised 25897-E	SCHEDULE DR, RESIDENTIAL SERVICE, (Includes Rates for DR-LI), Sheet 3	Revised 25721-E
Revised 25898-E	SCHEDULE DR, RESIDENTIAL SERVICE, (Includes Rates for DR-LI), Sheet 4	Revised 25074-E
Revised 25899-E	SCHEDULE DR-TOU, EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE, Sheet 1	Revised 25722-E
Revised 25900-E	SCHEDULE DR-TOU, EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE, Sheet 2	Revised 25723-E
Revised 25901-E	SCHEDULE DR-TOU, EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE, Sheet 3	Revised 25724-E
Revised 25902-E	SCHEDULE DR-TOU, EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE, Sheet 4	Revised 25725-E
Revised 25903-E	SCHEDULE DR-TOU, EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE, Sheet 5	Revised 25726-E
Revised 25904-E	SCHEDULE DR-TOU, EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE, Sheet 8	Revised 24767-E
Revised 25905-E	SCHEDULE DR-SES, DOMESTIC TIME-OF-USE FOR HOUSEHOLDS WITH A SOLAR ENERGY SYSTEM, Sheet 1	Revised 25727-E
Revised 25906-E	SCHEDULE DR-SES, DOMESTIC TIME-OF-USE FOR HOUSEHOLDS WITH A SOLAR ENERGY SYSTEM, Sheet 3	Revised 24446-E
Revised 25907-E	SCHEDULE E-CARE, CALIFORNIA ALTERNATE RATES FOR ENERGY, Sheet 1	Revised 24770-E
Revised 25908-E	SCHEDULE DM, MULTI-FAMILY SERVICE, (CLOSED SCHEDULE), Sheet 1	Revised 25728-E
Revised 25909-E	SCHEDULE DM, MULTI-FAMILY SERVICE, (CLOSED SCHEDULE), Sheet 2	Revised 25729-E
Revised 25910-E	SCHEDULE DM, MULTI-FAMILY SERVICE, (CLOSED SCHEDULE), Sheet 3	Revised 25730-E
Revised 25911-E	SCHEDULE DS, SUBMETERED MULTI-FAMILY SERVICE, Sheet 1	Revised 25731-E
Revised 25912-E	SCHEDULE DS, SUBMETERED MULTI-FAMILY SERVICE, Sheet 2	Revised 25732-E

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Revised 25914-E	SCHEDULE DS, SUBMETERED MULTI-FAMILY SERVICE, Sheet 4	Revised 25089-E
Revised 25915-E	SCHEDULE DT, SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK, (Closed Schedule), Sheet 1	Revised 25734-E
Revised 25916-E	SCHEDULE DT, SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK, (Closed Schedule), Sheet 2	Revised 25735-E
Revised 25917-E	SCHEDULE DT, SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK, Sheet 3	Revised 25736-E
Revised 25918-E	SCHEDULE DT, SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK, Sheet 4	Revised 25093-E
Revised 25919-E	SCHEDULE DT-RV, SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS, Sheet 1	Revised 25737-E
Revised 25920-E	SCHEDULE DT-RV, SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS, Sheet 2	Revised 25738-E
Revised 25921-E	SCHEDULE DT-RV, SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS, Sheet 3	Revised 25739-E
Revised 25922-E	SCHEDULE DT-RV, SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS, Sheet 4	Revised 25097-E
Revised 25923-E	SCHEDULE EV-TOU, DOMESTIC TIME-OF-USE FOR ELECTRIC VEHICLE CHARGING, Sheet 1	Revised 25740-E
Revised 25924-E	SCHEDULE EV-TOU-2, DOMESTIC TIME-OF-USE FOR HOUSEHOLDS WITH ELECTRIC VEHICLES, Sheet 1	Revised 25741-E
Revised 25925-E	SCHEDULE A, GENERAL SERVICE, Sheet 1	Revised 25742-E
Revised 25926-E	SCHEDULE A, GENERAL SERVICE, Sheet 2	Revised 25109-E
Revised 25927-E	SCHEDULE TOU-A, GENERAL SERVICE - TIME OF USE SERVICE, Sheet 1	Revised 25743-E
Revised 25928-E	SCHEDULE TOU-A, GENERAL SERVICE - TIME OF USE SERVICE, Sheet 2	Revised 25447-E



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Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
Revised 25929-E	SCHEDULE A-TC, TRAFFIC CONTROL SERVICE, Sheet 1	Revised 25744-E
Revised 25930-E	SCHEDULE AD, GENERAL SERVICE - DEMAND METERED, (Closed Schedule), Sheet 1	Revised 25745-E
Revised 25931-E	SCHEDULE A-TOU, GENERAL SERVICE - SMALL - TIME METERED, (Closed Schedule), Sheet 1	Revised 25746-E
Revised 25932-E	SCHEDULE AL-TOU, GENERAL SERVICE - TIME METERED, Sheet 1	Revised 25117-E
Revised 25933-E	SCHEDULE AL-TOU, GENERAL SERVICE - TIME METERED, Sheet 2	Revised 25747-E
Revised 25934-E	SCHEDULE AL-TOU, GENERAL SERVICE - TIME METERED, Sheet 3	Revised 25748-E
Revised 25935-E	SCHEDULE AY-TOU, GENERAL SERVICE - TIME METERED - OPTIONAL, (Closed Schedule), Sheet 1	Revised 25749-E
Revised 25936-E	SCHEDULE AY-TOU, GENERAL SERVICE - TIME METERED - OPTIONAL, Sheet 2	Revised 25750-E
Revised 25937-E	SCHEDULE A6-TOU, GENERAL SERVICE - TIME METERED OPTIONAL, Sheet 1	Revised 25751-E
Revised 25938-E	SCHEDULE A6-TOU, GENERAL SERVICE - TIME METERED OPTIONAL, Sheet 2	Revised 25752-E
Revised 25939-E	SCHEDULE DG-R, DISTRIBUTED GENERATION RENEWABLE - TIME METERED, Sheet 1	Revised 25262-E
Revised 25940-E	SCHEDULE DG-R, DISTRIBUTED GENERATION RENEWABLE - TIME METERED, Sheet 2	Revised 25753-E
Revised 25941-E	SCHEDULE DG-R, DISTRIBUTED GENERATION RENEWABLE - TIME METERED, Sheet 3	Revised 25754-E
Revised 25942-E	SCHEDULE OL-TOU, OUTDOOR LIGHTING - TIME METERED, Sheet 1	Revised 25755-E
Revised 25943-E	SCHEDULE LS-1, LIGHTING - STREET AND HIGHWAY - UTILITY-OWNED INSTALLATIONS, Sheet 1	Revised 25756-E
Revised 25944-E	SCHEDULE LS-1, LIGHTING - STREET AND HIGHWAY - UTILITY-OWNED INSTALLATIONS, Sheet 2	Revised 25757-E
Revised 25945-E	SCHEDULE LS-1, LIGHTING - STREET AND HIGHWAY - UTILITY-OWNED INSTALLATIONS, Sheet 3	Revised 25758-E

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Revised 25946-E	SCHEDULE LS-2, LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS, Sheet 1	Revised 25759-E
Revised 25947-E	SCHEDULE LS-2, LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS, Sheet 2	Revised 25760-E
Revised 25948-E	SCHEDULE LS-2, LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS, Sheet 3	Revised 25761-E
Revised 25949-E	SCHEDULE LS-2, LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS, Sheet 4	Revised 25762-E
Revised 25950-E	SCHEDULE LS-2, LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS, Sheet 5	Revised 25763-E
Revised 25951-E	SCHEDULE LS-3, LIGHTING-STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS, (Closed Schedule), Sheet 1	Revised 25764-E
Revised 25952-E	SCHEDULE OL-1, OUTDOOR AREA LIGHTING SERVICE, Sheet 1	Revised 25765-E
Revised 25953-E	SCHEDULE OL-2, OUTDOOR AREA LIGHTING SERVICE METERED - CUSTOMER-OWNED INSTALLATIONS, Sheet 1	Revised 25766-E
Revised 25954-E	SCHEDULE DWL, RESIDENTIAL WALKWAY LIGHTING, Sheet 1	Revised 25767-E
Revised 25955-E	SCHEDULE PA, Power - Agricultural, Sheet 1	Revised 25768-E
Revised 25956-E	SCHEDULE TOU-PA, POWER - AGRICULTURAL TIME OF USE SERVICE, Sheet 1	Revised 25769-E
Revised 25957-E	SCHEDULE PA-T-1, EXPERIMENTAL POWER - AGRICULTURAL - OPTIONAL TIME-OF-USE, Sheet 1	Revised 25770-E
Revised 25958-E	SCHEDULE PA-T-1, EXPERIMENTAL POWER - AGRICULTURAL - OPTIONAL TIME-OF-USE, Sheet 2	Revised 25771-E
Revised 25959-E	SCHEDULE S, STANDBY SERVICE, Sheet 1	Revised 25776-E
Revised 25960-E	SCHEDULE DWR-BC, DEPARTMENT OF WATER RESOURCES BOND CHARGE, Sheet 1	Revised 24042-E

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Revised 25962-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 1	Revised 25155-E
Revised 25963-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 2	Revised 25351-E
Revised 25964-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 3	Revised 25157-E
Revised 25965-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 4	Revised 25158-E
Revised 25966-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 5	Revised 25159-E
Revised 25967-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 6	Revised 25160-E
Revised 25968-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 7	Revised 25161-E
Revised 25969-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 8	Revised 25162-E
Revised 25970-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 9	Revised 25163-E
Revised 25971-E	SCHEDULE EECC-TOU-A-P, ELECTRIC COMMODITY COST, TIME OF USE PLUS, Sheet 1	Revised 25164-E
Revised 25972-E	SCHEDULE EECC-TOU-PA-P, ELECTRIC COMMODITY COST, AGRICULTURAL TIME OF USE PLUS, Sheet 1	Revised 25165-E
Revised 25973-E	SCHEDULE EECC-CPP-D, ELECTRIC COMMODITY COST, CRITICAL PEAK PRICING DEFAULT, Sheet 1	Revised 25166-E
Revised 25974-E	SCHEDULE EECC-CPP-D, ELECTRIC COMMODITY COST, CRITICAL PEAK PRICING DEFAULT, Sheet 2	Revised 25167-E
Revised 25975-E	SCHEDULE EECC-CPP-D-AG, ELECTRIC COMMODITY COST, CRITICAL PEAK PRICING DEFAULT AGRICULTURAL, Sheet 1	Revised 25168-E
Revised 25976-E	SCHEDULE EECC-CPP-D-AG, ELECTRIC COMMODITY COST, CRITICAL PEAK PRICING DEFAULT AGRICULTURAL, Sheet 2	Revised 25169-E
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Revised 25980-E	TABLE OF CONTENTS, Sheet 6	Revised 25527-E



**SCHEDULE DR**

Sheet 1

RESIDENTIAL SERVICE  
(Includes Rates for DR-LI)

APPLICABILITY

Applicable to domestic service for lighting, heating, cooking, water heating, and power, or combination thereof, in single family dwellings, flats, and apartments, separately metered by the utility; to service used in common for residential purposes by tenants in multi-family dwellings under Special Condition 8; to any approved combination of residential and nonresidential service on the same meter; and to incidental farm service under Special Condition 7.

This schedule is also applicable to customers qualifying for the California Alternate Rates for Energy (CARE) Program and/or Medical Baseline, residing in single-family accommodations, separately metered by the Utility, and may include Non-profit Group Living Facilities and Qualified Agricultural Employee Housing Facilities, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE. The rates for CARE and Medical Baseline customers are identified in the rates tables below as DR-LI and DR-MB rates, respectively.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(36.24) per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

**Total Rates:**

Description - DR Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer</b>				
Baseline Energy (\$/kWh)	0.02789	0.00526	0.13916	0.17231
101% to 130% of Baseline	0.05810	0.00526	0.13916	0.20252
131% - 200% of Baseline	0.25692	0.00526	0.13916	0.40134
Above 200% of Baseline	0.27692	0.00526	0.13916	0.42134
<b>Winter</b>				
Baseline Energy (\$/kWh)	0.09718	0.00526	0.06987	0.17231
101% to 130% of Baseline	0.12739	0.00526	0.06987	0.20252
131% - 200% of Baseline	0.29096	0.00526	0.06987	0.36609
Above 200% of Baseline	0.31096	0.00526	0.06987	0.38609
Minimum Bill (\$/day)	0.170			0.170

Description -DR-LI Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer - CARE Rates</b>				
Baseline Energy (\$/kWh)	0.00768	0.00000	0.13916	0.14684
101% to 130% of Baseline	0.03161	0.00000	0.13916	0.17077
131% - 200% of Baseline	0.11637	0.00000	0.13916	0.25553
Above 200% of Baseline	0.11637	0.00000	0.13916	0.25553
<b>Winter - CARE Rates</b>				
Baseline Energy (\$/kWh)	0.07697	0.00000	0.06987	0.14684
101% to 130% of Baseline	0.10090	0.00000	0.06987	0.17077
131% - 200% of Baseline	0.16928	0.00000	0.06987	0.23915
Above 200% of Baseline	0.16928	0.00000	0.06987	0.23915
Minimum Bill (\$/day)	0.170			0.170

(Continued)

1H11

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**SCHEDULE DR**

Sheet 2

**RESIDENTIAL SERVICE**  
**(Includes Rates for DR-LI)**

Description – DR - MB Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – MB Rates</b>				
Baseline Energy (\$/kWh)	0.00768	0.00000	0.13916 R	0.14684
101% to 130% of Baseline	0.03467	0.00000	0.13916 R	0.17383
131% - 200% of Baseline	0.11557	0.00000	0.13916 R	0.25473
Above 200% of Baseline	0.11557	0.00000	0.13916 R	0.25473
<b>Winter – MB Rates</b>				
Baseline Energy (\$/kWh)	0.07697	0.00000	0.06987 R	0.14684
101% to 130% of Baseline	0.10396	0.00000	0.06987 R	0.17383
131% - 200% of Baseline	0.17140	0.00000	0.06987 R	0.24127
Above 200% of Baseline	0.17140	0.00000	0.06987 R	0.24127
Minimum Bill (\$/day)	0.170			0.170

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00239) that customers receive on their monthly bills.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

**UDC Rates:**

Description - DR Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer</b>									
Baseline Energy (\$/kWh)	0.02544	0.08928	0.01222	0.00041R	0.00097	0.00027	0.00025	(0.10095)	0.02789
101% - 130% of Baseline	0.02544	0.08928	0.01222	0.00041R	0.00097	0.00027	0.00025	(0.07074)	0.05810
131% - 200% of Baseline	0.02544	0.08928	0.01222	0.00041R	0.00097	0.00027	0.00025	0.12808	0.25692
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041R	0.00097	0.00027	0.00025	0.14808	0.27692
<b>Winter</b>									
Baseline Energy (\$/kWh)	0.02544	0.08928	0.01222	0.00041R	0.00097	0.00027	0.00025	(0.03166)	0.09718
101% - 130% of Baseline	0.02544	0.08928	0.01222	0.00041R	0.00097	0.00027	0.00025	(0.00145)	0.12739
131% - 200% of Baseline	0.02544	0.08928	0.01222	0.00041R	0.00097	0.00027	0.00025	0.16212	0.29096
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041R	0.00097	0.00027	0.00025	0.18212	0.31096
Minimum Bill (\$/day)		0.170							0.170

(Continued)

2H12

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**SCHEDULE DR**

Sheet 3

RESIDENTIAL SERVICE  
(Includes Rates for DR-LI)

UDC Rates (continued):

Description –DR-LI Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer – CARE Rates</b>									
Baseline Energy (\$/kWh)	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.11908)	0.00768
101% - 130% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.09515)	0.03161
131% - 200% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.01039)	0.11637
Above 200% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.01039)	0.11637
<b>Winter – CARE Rates</b>									
Baseline Energy (\$/kWh)	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.04979)	0.07697
101% - 130% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.02586)	0.10090
131% - 200% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.04252	0.16928
Above 200% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.04252	0.16928
Minimum Bill (\$/day)		0.170							0.170

Description –DR MB Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer – MB Rates</b>									
Baseline Energy (\$/kWh)	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.12116)	0.00768
101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.09417)	0.03467
131% - 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.01327)	0.11557
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.01327)	0.11557
<b>Winter – MB Rates</b>									
Baseline Energy (\$/kWh)	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.05187)	0.07697
101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.02488)	0.10396
131% - 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.04256	0.17140
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.04256	0.17140
Minimum Bill (\$/day)		0.170							0.170

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**SCHEDULE DR**

Sheet 4

RESIDENTIAL SERVICE  
(Includes Rates for DR-LI)

RATES (Continued)

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00052 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00461 /kWh. Total Rate Adjustment Component charges also include the Residential Volumetric Rate Adjustment of \$(0.02492) per kWh for customers eligible for Schedule GHG-ARR.

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The Non-Baseline rates are for energy used in excess of the baseline allowance

Minimum Bill

The minimum bill is calculated as the minimum bill charge per day times the number of days in the billing cycle.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) the Total Rate Adjustment Component (TRAC).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1-Definitions.

Customers taking service under this schedule may be eligible for a 20% California Alternate Rates for Energy (CARE) discount on their bill, if they qualify to receive service under the terms and conditions of Schedule E-CARE. In addition, qualified CARE customers are exempt from paying the CARE surcharge of \$0.00649 per kWh.

Customers that are eligible and receive both CARE and medical baseline will be given the additional medical baseline allotment for which they qualify, but will be billed using the CARE rates (DR-LI) and exemptions.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

SPECIAL CONDITIONS

1. Load Checks. The utility has the right to make load checks to verify the possession and use of appliances for which baseline quantities are being allowed. In the event that a customer is found, by load check, not to have the necessary appliances to qualify for a specific baseline quantity previously declared by the customer, the utility shall have the right to rebill the customer's previous 11 months' bills using the baseline quantities found to be appropriate.

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**SCHEDULE DR-TOU**

Sheet 1

EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE

APPLICABILITY

Optionally available to domestic service for lighting, heating, cooking, water heating, and power, or combination thereof, in single family dwellings, flats, and apartments, along with service used in common for residential purposes by tenants in multi-family dwellings described under Special Condition 13, where the customer is separately metered by the utility. Qualifying California Alternative Rates For Energy (CARE) and or Medical Baseline customers are eligible for service on this schedule, as further described under Special Condition 10 of this schedule. The utility reserves the right to limit the number of customers receiving service under the terms of this schedule, as described in Special Condition 8. The rates for CARE and Medical Baseline customers are identified in the rates tables below as DR-TOU-CARE and DR-TOU-MB rates.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(36.24) per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the utility.

RATES

Total Rates:

Description – DR-TOU Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer Energy</b>				
On-Peak: Baseline Energy (\$/kWh)	(0.17199)	0.00526	0.35831 R	0.19158
101% to 130% of Baseline	(0.15442)	0.00526	0.35831 R	0.20915
131% - 200% of Baseline	0.25692	0.00526	0.35831 R	0.62049
Above 200% of Baseline	0.27692	0.00526	0.35831 R	0.64049
Off-Peak: Baseline Energy (\$/kWh)	0.07727	0.00526	0.08657 R	0.16910
101% to 130% of Baseline	0.09444	0.00526	0.08657 R	0.18627
131% - 200% of Baseline	0.25692	0.00526	0.08657 R	0.34875
Above 200% of Baseline	0.27692	0.00526	0.08657 R	0.36875
<b>Winter Energy</b>				
On-Peak: Baseline Energy	0.07679	0.00526	0.08968 R	0.17173
101% to 130% of Baseline	0.09400	0.00526	0.08968 R	0.18894
131% - 200% of Baseline	0.25692	0.00526	0.08968 R	0.35186
Above 200% of Baseline	0.27692	0.00526	0.08968 R	0.37186
Off-Peak: Baseline Energy	0.08918	0.00526	0.07466 R	0.16910
101% to 130% of Baseline	0.10635	0.00526	0.07466 R	0.18627
131% - 200% of Baseline	0.25692	0.00526	0.07466 R	0.33684
Above 200% of Baseline	0.27692	0.00526	0.07466 R	0.35684
Minimum Bill (\$/Day)	0.170			0.170

(Continued)



**SCHEDULE DR-TOU**

**EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE**

RATES (Continued)

Description – DR-TOU-CARE Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – CARE Rates</b>				
On-Peak: Baseline Energy (\$/kWh)	(0.19883)	0.00000	0.35831 R	0.15948
101% to 130% of Baseline	(0.18672)	0.00000	0.35831 R	0.17159
131% - 200% of Baseline	(0.07650)	0.00000	0.35831 R	0.28181
Above 200% of Baseline	(0.07650)	0.00000	0.35831 R	0.28181
Off-Peak: Baseline Energy (\$/kWh)	0.04465	0.00000	0.08657 R	0.13122
101% to 130% of Baseline	0.06782	0.00000	0.08657 R	0.15439
131% - 200% of Baseline	0.17564	0.00000	0.08657 R	0.26221
Above 200% of Baseline	0.17564	0.00000	0.08657 R	0.26221
<b>Winter – CARE Rates</b>				
On-Peak: Baseline Energy	0.04390	0.00000	0.08968 R	0.13358
101% to 130% of Baseline	0.06461	0.00000	0.08968 R	0.15429
131% - 200% of Baseline	0.12920	0.00000	0.08968 R	0.21888
Above 200% of Baseline	0.12920	0.00000	0.08968 R	0.21888
Off-Peak: Baseline Energy	0.05656	0.00000	0.07466 R	0.13122
101% to 130% of Baseline	0.07973	0.00000	0.07466 R	0.15439
131% - 200% of Baseline	0.14225	0.00000	0.07466 R	0.21691
Above 200% of Baseline	0.14225	0.00000	0.07466 R	0.21691
Minimum Bill (\$/Day)	0.170			0.170

Description – DR-TOU-MB Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – MB Rates</b>				
On-Peak: Baseline Energy (\$/kWh)	(0.19883)	0.00000	0.35831 R	0.15948
101% to 130% of Baseline	(0.18365)	0.00000	0.35831 R	0.17466
131% - 200% of Baseline	(0.05999)	0.00000	0.35831 R	0.29832
Above 200% of Baseline	(0.05999)	0.00000	0.35831 R	0.29832
Off-Peak: Baseline Energy (\$/kWh)	0.04465	0.00000	0.08657 R	0.13122
101% to 130% of Baseline	0.07058	0.00000	0.08657 R	0.15715
131% - 200% of Baseline	0.17206	0.00000	0.08657 R	0.25863
Above 200% of Baseline	0.17206	0.00000	0.08657 R	0.25863
<b>Winter – MB Rates</b>				
On-Peak: Baseline Energy	0.04390	0.00000	0.08968 R	0.13358
101% to 130% of Baseline	0.06737	0.00000	0.08968 R	0.15705
131% - 200% of Baseline	0.12715	0.00000	0.08968 R	0.21683
Above 200% of Baseline	0.12715	0.00000	0.08968 R	0.21683
Off-Peak: Baseline Energy	0.05656	0.00000	0.07466 R	0.13122
101% to 130% of Baseline	0.08249	0.00000	0.07466 R	0.15715
131% - 200% of Baseline	0.13951	0.00000	0.07466 R	0.21417
Above 200% of Baseline	0.13951	0.00000	0.07466 R	0.21417
Minimum Bill (\$/Day)	0.170			0.170

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00239) that customers receive on their monthly bills
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

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(Continued)



**SCHEDULE DR-TOU**

Sheet 3

EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE

RATES (Continued)

UDC Rates:

Description – DR-TOU	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Minimum Bill</u> (\$/Day)		0.170							0.170
<u>Metering Charge</u> (\$/Mo)									
<b>Summer</b>									
On-Peak Baseline Energy	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.30083)	(0.17199)
On-Peak: 101%-130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.28326)	(0.15442)
On-Peak: 131%-200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.12808	0.25692
On-Peak: Above 200% Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.14808	0.27692
Off-Peak Baseline Energy	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.05157)	0.07727
Off-Peak: 101%-130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.03440)	0.09444
Off-Peak: 131%-200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.12808	0.25692
Off-Peak: Above 200% Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.14808	0.27692
<b>Winter</b>									
On-Peak Baseline Energy	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.05205)	0.07679
On-Peak: 101%-130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.03484)	0.09400
On-Peak: 131%-200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.12808	0.25692
On-Peak: Above 200% Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.14808	0.27692
Off-Peak Baseline Energy	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00029	R (0.03966)	0.08918
Off-Peak: 101%-130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.02249)	0.10635
Off-Peak: 131%-200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.12808	0.25692
Off-Peak: Above 200% Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.14808	0.27692

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**SCHEDULE DR-TOU**

Sheet 4

EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE

RATES (Continued)

Description – DR-TOU CARE Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Minimum Bill (\$/Day)		0.170							0.170
<b>Metering Charge (\$/Mo)</b>									
<b>Summer - CARE</b>									
On-Peak Baseline Energy	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.32559)	(0.19883)
On-Peak: 101% to 130% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.31348)	(0.18672)
On-Peak: 131% to 200% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.20326)	(0.07650)
On-Peak: Above 200% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.20326)	(0.07650)
Off-Peak Baseline Energy	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.08211)	0.04465
Off-Peak: 101% to 130% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.05894)	0.06782
Off-Peak: 131% to 200% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.04888	0.17564
Off-Peak: Above 200% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.04888	0.17564
<b>Winter - CARE</b>									
On-Peak Baseline Energy	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.08286)	0.04390
On-Peak: 101% to 130% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.06215)	0.06461
On-Peak: 131% to 200% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.00244	0.12920
On-Peak: Above 200% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.00244	0.12920
Off-Peak Baseline Energy	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.07020)	0.05656
Off-Peak: 101% to 130% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.04703)	0.07973
Off-Peak: 131% to 200% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.01549	0.14225
Off-Peak: Above 200% of Baseline	0.02544	0.08720	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.01549	0.14225

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**SCHEDULE DR-TOU**

Sheet 5

EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE

RATES (Continued)

Description – DR-TOU MB Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Minimum Bill (\$/Day)		0.170							0.170
Metering Charge (\$/Mo)									
Summer Energy – Medical Baseline									
On-Peak Baseline Energy	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.32767)	(0.19883)
On-Peak: 101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.31249)	(0.18365)
On-Peak: 131% to 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.18883)	(0.05999)
On-Peak: Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.18883)	(0.05999)
Off-Peak Baseline Energy	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.08419)	R 0.04465
Off-Peak: 101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.05826)	0.07058
Off-Peak: 131% to 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.04322	0.17206
Off-Peak: Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.04322	0.17206
Winter Energy – Medical Baseline									
On-Peak Baseline Energy	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.08494)	0.04390
On-Peak: 101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.06147)	0.06737
On-Peak: 131% to 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.00169)	0.12715
On-Peak: Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.00169)	0.12715
Off-Peak Baseline Energy	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.07228)	R 0.05656
Off-Peak: 101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.04635)	0.08249
Off-Peak: 131% to 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.01067	0.13951
Off-Peak: Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.01067	0.13951

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709/kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00052 kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00461 /kWh. Total Rate Adjustment Component charges also include the Residential Volumetric Rate Adjustment of \$(0.02492) per kWh for customers eligible for Schedule GHG-ARR.

Minimum Bill

The minimum bill is calculated as the minimum bill charge per day times the number of days in the billing cycle.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

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**SCHEDULE DR-TOU**

EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE

SPECIAL CONDITIONS (Continued)

- 9. Optional Billing - Utility Option. The utility may, at its option, provide all new Schedule DR-TOU customers the lower of the bill under this schedule or the bill under their regularly applicable non-TOU schedule for three consecutive months. This option is solely the utility's and shall in no way obligate the utility. If after being served under this optional billing provision, the customer elects to continue service on Schedule DR-TOU, the customer will be required to continue service on this schedule for 12 consecutive months before receiving service on another schedule
- 10. CARE Customers. Customers taking service under this schedule may be eligible for a 20% CARE discount on their bill, which for bundled customers primarily includes (1) a volumetric (per-kWh) discount combining the sum of (a) the Utility Distribution Company (UDC) rate exclusive of CARE-specific PPP charges embedded within the UDC rate, as shown on this schedule, and (b) the Electric Energy Commodity Cost rate as shown on schedule EECC, plus (2) the fixed monthly meter charge as shown on this schedule, if they qualify to receive service under the terms and conditions of Schedule E-CARE. In addition, qualified CARE customers are exempt from paying the CARE surcharge of \$0.00649 per kWh.
- 11. Billing. A customer's bill is first calculated according to the total rates and conditions listed above. The following adjustments are made depending on the option applicable to the customer:
  - a. **UDC Bundled Service Customers** receive supply and delivery services solely from the Utility. The customer's bill is based on the Total Rates set forth above. The EECC component is determined by multiplying the EECC price for this schedule during the last month by the customer's total usage. The DWR-BC component is determined by multiplying the DWR-BC rate by the customer's total usage
  - b. **Direct Access (DA) and Community Choice Aggregation (CCA) Customers** purchase energy from a non-utility provider and continue to receive delivery services from the Utility. The bills for a DA and CCA Customer will be calculated as if they were a UDC Bundled Service Customer, then crediting the bill by the amount of the EECC component and DWR-BC component for continuous DA customers that are exempt from the DWR-BC charge, as determined for a UDC Bundled Customer, and including the appropriate Cost Responsibility Surcharge (CRS), if applicable.

Nothing in this service schedule prohibits a marketer or broker from negotiating with customers the method by which their customer will pay the CTC charge.

- 12. Other Applicable Tariffs: Rules 21, 23 and Schedule E-DEPART apply to customers with generators. Schedules NEM, NEM-BIO, and NEM-FC apply to Net Energy Metering customers. Customers on Schedule E-DEPART are not eligible for Schedule GHG-ARR.
- 13. Common Use Service: Service used in common for residential purposes in a multi-family dwelling, on a single premises, whether separately metered or combined with service to an individual dwelling unit, will be supplied under this schedule. Non-profit group living facilities are eligible to receive the CARE discount in both separately metered and non-separately metered common-use areas provided the facility meets the eligibility criteria set forth in PU Code §739.1.



**SCHEDULE DR-SES**

Sheet 1

**DOMESTIC TIME-OF-USE FOR HOUSEHOLDS WITH A SOLAR ENERGY SYSTEM**

**APPLICABILITY**

Service under this schedule is available on a voluntary basis for individually metered residential customers with Solar Energy Systems. Service is limited to individually metered residential customers with a Solar Energy System with domestic service for lighting, heating, cooking, water heating, and power, or combination thereof, in single family dwellings and flats. Qualifying California Alternative Rates for Energy (CARE) customers are eligible for service on this schedule, as further described under Special Condition 7 of this schedule.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(36.24)per Schedule GHG-ARR.

**TERRITORY**

Within the entire territory served by the Utility.

**RATES**

**Total Rates:**

Description – DR-SES Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
Minimum Bill (\$/day)	0.170			0.170
<u>Energy Charges (\$/kWh)</u>				
On-Peak – Summer	0.12102	0.00526	0.35769 R	0.48397 R
Semi-Peak– Summer	0.12102	0.00526	0.10175 R	0.22803 I
Off-Peak – Summer	0.12102	0.00526	0.07779 R	0.20407 I
Semi-Peak – Winter	0.12102	0.00526	0.08681 R	0.21309 I
Off-Peak – Winter	0.12102	0.00526	0.07228 R	0.19856 I

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00239) that customers receive on their monthly bills.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

**UDC Rates**

Description-DR-SES	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Minimum Bill (\$/day)		0.170							0.170
<u>Energy Charges (\$/kWh)</u>									
On-Peak – Summer	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.00782	0.12102
Semi-Peak – Summer	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.00782	0.12102
Off-Peak - Summer	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.00782	0.12102
Semi-Peak - Winter	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.00782	0.12102
Off-Peak - Winter	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.00782	0.12102

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00052 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00461 /kWh. Total Rate Adjustment Component charges also include the Residential Volumetric Rate Adjustment of \$(0.00782)per kWh for customers eligible for Schedule GHG-ARR.

(Continued)



**SCHEDULE DR-SES**

Sheet 3

DOMESTIC TIME-OF-USE FOR HOUSEHOLDS WITH A SOLAR ENERGY SYSTEM

SPECIAL CONDITIONS

1. Voltage. Service under this schedule will be supplied at the standard lighting voltage.
2. Welder Service. Service under this schedule will be supplied to a welder load of 2.9 kVA or less at 240 volts, and to 0.5 kVA or less at 120 volts. Welders will be rated in accordance with Rule 2.F.1.
3. Metering. The Utility will supply, own, and maintain all necessary meters and associated equipment utilized for billings. In addition, and for purposes of monitoring customer load, the Utility may install at its expense, load research metering. The customer shall supply, at no expense to the Utility, a suitable location for meters and associated equipment used for billing and for load research.
4. Failure of Meter Timing. Usage will be estimated as defined in Rule 18 under "Estimated Usage".
5. Terms of Service. All current and future customers occupying the premise where the Solar Energy System is installed are required to enter into an interconnection agreement with SDG&E per the requirements of Rule 21 if they continue service on Schedule DR-SES. If a customer elects to discontinue service on Schedule DR-SES, the customer will not be permitted to return to Schedule DR-SES for a period of 12 consecutive months.
6. Opt-Out Provision. During their initial term of service, DR-SES customers may elect to opt-out and receive service under their otherwise applicable rate schedule (OAR). A customer must exercise this option within 90 days of receiving their first bill for DR-SES service, or within 90 days of the effective date of this tariff provision (July 24, 2008), whichever is applicable. In the event that a customer chooses to opt-out, the change shall become effective on the first regularly scheduled meter read date following the receipt of notice by the Utility.
7. Qualification for Schedule DR-SES. Customers taking service under Schedule DR-SES must demonstrate eligibility pursuant to Special Condition 13.
8. CARE Customers. Customers taking service under this schedule may be eligible for a 20% CARE discount on their bill, which for bundled customers primarily includes (1) a volumetric (per kWh) discount combining the sum of (a) the Utility Distribution Company (UDC) rate exclusive of CARE-specific PPP charges embedded within the UDC rate, as shown on this schedule, and (b) the Electric Energy Commodity Cost rate as shown on Schedule EECC, plus (2) the fixed monthly meter charge as shown on this schedule, if they qualify to receive service under the terms and conditions of Schedule E-CARE. In addition, qualified CARE customers are exempt from paying the CARE surcharge of \$0.00649 per kWh.
9. Net Energy Billing. Schedule DR-SES shall be billed in combination with Schedule NEM, provided that Schedule NEM is applicable.

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3H12

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Senior Vice President  
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**SCHEDULE E-CARE**

Sheet 1

CALIFORNIA ALTERNATE RATES FOR ENERGY

APPLICABILITY

This schedule provides a California Alternate Rates for Energy (CARE) discount to each of the following types of customers listed below that meet the requirements for CARE eligibility as defined in Rule 1, Definitions, and herein, and is taken in conjunction with the customer's otherwise applicable service schedule.

- 1) Customers residing in a permanent single-family accommodation, separately metered by the Utility.
- 2) Multi-family dwelling units and mobile home parks supplied through one meter on a single premises where the individual unit is submetered.
- 3) Non-profit group living facilities.
- 4) Agricultural employee housing facilities.

TERRITORY

Within the entire territory served by the Utility.

DISCOUNT

Qualified low income customers and living facilities will receive a 20% CARE discount on all customer, demand, and energy charges on their otherwise applicable service schedule. The discount will be based on the total bill as calculated for bundled service customers and applied by way of a reduction to the distribution rate component. In addition, the customer will be exempt from paying the CARE surcharge of \$0.00649 /kWh.

SPECIAL CONDITIONS

ALL CUSTOMERS

- 1. Applicable Conditions. All special conditions contained in the customer's otherwise applicable schedule are applicable to service under this schedule.
- 2. Application and Eligibility Declaration. An application and eligibility declaration, on a form authorized by the Commission, is required for service under the CARE program unless otherwise authorized by the Commission. Renewal of a customer's eligibility declaration, also referred to as recertification, will be required at the request of the Utility.
- 3. Commencement of CARE Discount. Eligible customers shall begin receiving the CARE discount no later than one billing period after receipt of a completed and approved application by the Utility or as may otherwise be authorized by the Commission.

(Continued)

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**SCHEDULE DM**

Sheet 1

**MULTI-FAMILY SERVICE  
(CLOSED SCHEDULE)**

**APPLICABILITY \***

This schedule is applicable to service for domestic lighting, heating, cooking, water heating, and power service supplied to multi-family accommodations through one meter on a single premises in accordance with the provisions of Rule 19. This schedule was closed to new installations, except for residential hotels, on June 13, 1978.

Multi-family accommodations built prior to June 13, 1978 and served under this Schedule may also be eligible for service under Schedule DS. If an eligible multi-family accommodation or residential hotel served under this Schedule converts to an applicable submetered tariff, the tenant rental charges shall be revised for the duration of the lease to reflect the removal of the energy related charges.

Non-profit group living facilities taking service under this schedule may be eligible for a 20% California Alternate Rates for Energy (CARE) discount on their bill, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE. Agricultural Employee Housing Facilities, as defined in Schedule E-CARE, may qualify for a 20% CARE discount on the bill if all eligibility criteria set forth in Form 142-4032 or Form 142-4035 is met. Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(36.24) per Schedule GHG-ARR.

The rates for CARE and Medical Baseline customers are identified in the rates tables below as DM-CARE and DM-MB rates, respectively.

**TERRITORY**

Within the entire territory served by the utility.

**Total Rates:**

Description - DM Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer</b>				
Baseline Energy (\$/kWh)	0.02789	0.00526	0.13916 R	0.17231
101% to 130% of Baseline	0.05810	0.00526	0.13916 R	0.20252
131% - 200% of Baseline	0.25692	0.00526	0.13916 R	0.40134
Above 200% of Baseline	0.27692	0.00526	0.13916 R	0.42134
<b>Winter</b>				
Baseline Energy (\$/kWh)	0.09718	0.00526	0.06987 R	0.17231
101% to 130% of Baseline	0.12739	0.00526	0.06987 R	0.20252
131% - 200% of Baseline	0.29096	0.00526	0.06987 R	0.36609
Above 200% of Baseline	0.31096	0.00526	0.06987 R	0.38609
Minimum Bill (\$/day)	0.170			0.170

Description -DM-CARE Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – CARE Rates</b>				
Baseline Energy (\$/kWh)	0.00768	0.00000	0.13916 R	0.14684
101% to 130% of Baseline	0.03161	0.00000	0.13916 R	0.17077
131% - 200% of Baseline	0.11637	0.00000	0.13916 R	0.25553
Above 200% of Baseline	0.11637	0.00000	0.13916 R	0.25553
<b>Winter – CARE Rates</b>				
Baseline Energy (\$/kWh)	0.07697	0.00000	0.06987 R	0.14684
101% to 130% of Baseline	0.10090	0.00000	0.06987 R	0.17077
131% - 200% of Baseline	0.16928	0.00000	0.06987 R	0.23915
Above 200% of Baseline	0.16928	0.00000	0.06987 R	0.23915
Minimum Bill (\$/day)	0.170			0.170

(Continued)



**SCHEDULE DM**  
**MULTI-FAMILY SERVICE**  
**(CLOSED SCHEDULE)**

RATES (Continued)

Description – DM MB Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – MB Rates</b>				
Baseline Energy (\$/kWh)	0.00768	0.00000	0.13916	0.14684
101% to 130% of Baseline	0.03467	0.00000	0.13916	0.17383
131% - 200% of Baseline	0.11557	0.00000	0.13916	0.25473
Above 200% of Baseline	0.11557	0.00000	0.13916	0.25473
<b>Winter – MB Rates</b>				
Baseline Energy (\$/kWh)	0.07697	0.00000	0.06987	0.14684
101% to 130% of Baseline	0.10396	0.00000	0.06987	0.17383
131% - 200% of Baseline	0.17140	0.00000	0.06987	0.24127
Above 200% of Baseline	0.17140	0.00000	0.06987	0.24127
Minimum Bill (\$/day)	0.170			0.170

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00239) that customers receive on their monthly bills.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

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UDC Rates:

Description – DM	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer:</b>									
Baseline Energy (\$/kWh)	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	(0.10095)	0.02789
101% - 130% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	(0.07074)	0.05810
131% - 200% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.12808	0.25692
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.14808	0.27692
<b>Winter:</b>									
Baseline Energy (\$/kWh)	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	(0.03166)	0.09718
101% - 130% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	(0.00145)	0.12739
131% - 200% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.16212	0.29096
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.18212	0.31096
<b>DM - CARE Rates</b>									
<b>Summer:</b>									
Baseline Energy (\$/kWh)	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.11908)	0.00768
101% - 130% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.09515)	0.03161
131% - 200% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.01039)	0.11637
Above 200% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.01039)	0.11637
<b>Winter:</b>									
Baseline Energy (BL)	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.04979)	0.07697
101% - 130% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.02586)	0.10090
131% - 200% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	0.04252	0.16928
Above 200% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	0.04252	0.16928
Minimum Bill (\$/day)	0.170								0.170

(Continued)



**SCHEDULE DM**

Sheet 3

**MULTI-FAMILY SERVICE  
(CLOSED SCHEDULE)**

RATES (Continued)

Description – DM MB Rate	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total	
<b>Summer – MB Rates</b>										
Baseline Energy (\$/kWh)	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.12116)	0.00768	
101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.09417)	0.03467	
131% - 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.01327)	0.11557	
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.01327)	0.11557	
<b>Winter – MB Rates</b>										
Baseline Energy (\$/kWh)	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.05187)	0.07697	
101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.02488)	0.10396	
131% - 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.04256	0.17140	
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.04256	0.17140	
Minimum Bill (\$/day)	0.170								0.170	

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00052 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00461 /kWh. Total Rate Adjustment Component charges also include the Residential Volumetric Rate Adjustment of \$(0.02492) per kWh for customers eligible for Schedule GHG-ARR.

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**SCHEDULE DS**

Sheet 1

SUBMETERED MULTI-FAMILY SERVICE

APPLICABILITY

This schedule is applicable to service for domestic lighting, heating, cooking, water heating, and power service supplied to multi-family accommodations other than in a mobilehome park through one meter on a single premises and submetered to all individual tenants in accordance with the provisions of Rule 19. This schedule was closed to new installations on December 13, 1981.

Pursuant to D.05-05-026, dated May 26, 2005, any building constructed for or converted to residential use prior to December 13, 1981 or served on Schedule DM prior to December 13, 1981, or any non-residential building converted to residential use after December 13, 1981 for which the conversion did not require a building permit, shall be eligible to take service under this Schedule if submeters are installed in the building. Any building constructed for residential use or converted to residential use for which a building permit was required on or after July 1, 1982, must be separately metered by the Utility and is not eligible for service under this Schedule. The rates for CARE and Medical Baseline customers are identified in the rates tables below as DS-CARE and DS-MB rates, respectively.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(36.24) per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

**Total Rates:**

Description - DS Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer</b>				
Baseline Energy (\$/kWh)	0.02789	0.00526	0.13916	0.17231
101% to 130% of Baseline	0.05810	0.00526	0.13916	0.20252
131% - 200% of Baseline	0.25692	0.00526	0.13916	0.40134
Above 200% of Baseline	0.27692	0.00526	0.13916	0.42134
<b>Winter</b>				
Baseline Energy (\$/kWh)	0.09718	0.00526	0.06987	0.17231
101% to 130% of Baseline	0.12739	0.00526	0.06987	0.20252
131% - 200% of Baseline	0.29096	0.00526	0.06987	0.36609
Above 200% of Baseline	0.31096	0.00526	0.06987	0.38609
Unit Discount (\$/day)	(0.130)			(0.130)
Minimum Bill (\$/day)	0.170			0.170

Description - DS CARE Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer - CARE Rates</b>				
Baseline Energy (\$/kWh)	0.00768	0.00000	0.13916	0.14684
101% to 130% of Baseline	0.03161	0.00000	0.13916	0.17077
131% - 200% of Baseline	0.11637	0.00000	0.13916	0.25553
Above 200% of Baseline	0.11637	0.00000	0.13916	0.25553
<b>Winter - CARE Rates</b>				
Baseline Energy (\$/kWh)	0.07697	0.00000	0.06987	0.14684
101% to 130% of Baseline	0.10090	0.00000	0.06987	0.17077
131% - 200% of Baseline	0.16928	0.00000	0.06987	0.23915
Above 200% of Baseline	0.16928	0.00000	0.06987	0.23915
Unit Discount (\$/day)	(0.130)			(0.130)
Minimum Bill (\$/day)	0.170			0.170

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**SCHEDULE DS**  
**SUBMETERED MULTI-FAMILY SERVICE**

RATES (Continued)

Description – DS MB Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – MB Rates</b>				
Baseline Energy (\$/kWh)	0.00768	0.00000	0.13916	0.14684
101% to 130% of Baseline	0.03467	0.00000	0.13916	0.17383
131% - 200% of Baseline	0.11557	0.00000	0.13916	0.25473
Above 200% of Baseline	0.11557	0.00000	0.13916	0.25473
<b>Winter – MB Rates</b>				
Baseline Energy (\$/kWh)	0.07697	0.00000	0.06987	0.14684
101% to 130% of Baseline	0.10396	0.00000	0.06987	0.17383
131% - 200% of Baseline	0.17140	0.00000	0.06987	0.24127
Above 200% of Baseline	0.17140	0.00000	0.06987	0.24127
Unit Discount (\$/day)	(0.130)			(0.130)
Minimum Bill (\$/day)	0.170			0.170

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00239) that customers receive on their monthly bills.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

UDC Rates:

Description – DS Rates	Trans	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer</b>									
Baseline Energy	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	(0.10095)	0.02789
101% -130% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	(0.07074)	0.05810
131% - 200% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.12808	0.25692
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.14808	0.27692
<b>Winter</b>									
Baseline Energy	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	(0.03166)	0.09718
101% - 130% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	(0.00145)	0.12739
131% - 200% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.16212	0.29096
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.18212	0.31096
<b>DS – CARE Rates</b>									
<b>Summer</b>									
Baseline Energy CARE*	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.11908)	0.00768
101% - 130% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.09515)	0.03161
131% - 200% of Baseline –	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.01039)	0.11637
Above 200% of Baseline –	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.01039)	0.11637
<b>Winter</b>									
Baseline Energy CARE*	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.04979)	0.07697
101% -130% of Baseline **	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.02586)	0.10090
131% - 200% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	0.04252	0.16928
Above 200% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	0.04252	0.16928
Unit Discount (\$/day)		(0.130)							(0.130)
Minimum Bill (\$/day)		0.170							0.170

(Continued)

2H11

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R



**SCHEDULE DS**

Sheet 3

SUBMETERED MULTI-FAMILY SERVICE

RATES (Continued)

Description –DS MB Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer – MB Rates</b>									
Baseline Energy (\$/kWh)	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.12116)	0.00768
101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.09417)	0.03467
131% - 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.01327)	0.11557
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.01327)	0.11557
<b>Winter – MB Rates</b>									
Baseline Energy (\$/kWh)	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.05187)	0.07697
101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.02488)	0.10396
131% - 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.04256	0.17140
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.04256	0.17140
Unit Discount (\$/Day)			(0.130)						(0.130)
Minimum Bill (\$/day)			0.170						0.170

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00052 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of 0.00461 /kWh. Total Rate Adjustment Component charges also include the Residential Volumetric Rate Adjustment of \$(0.02492) per kWh for customers eligible for Schedule GHG-ARR.

\*Applicable to the baseline quantities determined from the residential dwelling units that qualify for California Alternate Rates for Energy (CARE) discounted rates as low-income households under the provisions of Schedule E-CARE.

\*\*Applicable to the non-baseline quantities determined from the residential dwelling units that are low-income households.

The Non-Baseline rates are for energy used in excess of the baseline allowance.

(Continued)

3H11

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**SCHEDULE DS**

Sheet 4

SUBMETERED MULTI-FAMILY SERVICE

RATES (Continued)

Minimum Bill

The minimum bill is calculated as the minimum bill charge per day times the number of days in the billing cycle.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1-Definitions.

Customers receive a per dwelling unit discount (\$/day) that will be limited in any monthly bill to the distribution rate portion of the customer's bill.

Customers that are eligible and receive both CARE and medical baseline will be given the additional medical baseline allotment for which they qualify, but will be billed using the CARE rates (DS-CARE) and exemptions.

CARE Discount

A 20% CARE discount will be applied to all electric charges billed on this schedule to qualified CARE customers as set forth in Schedule E-CARE. In addition, eligible customers on this schedule will be exempt from paying the CARE surcharge of \$0.00649 per kWh. Customers receiving service under this schedule shall comply with the provisions of Public Utilities Code 739.5 in providing service to their submetered tenants.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

(Continued)

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**SCHEDULE DT**

Sheet 1

**SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK**

(Closed Schedule)

APPLICABILITY

This schedule is applicable to service for domestic lighting, heating, cooking, water heating, and power service supplied to multi-family accommodations in a mobilehome park through one meter on a single premises and submetered to all individual tenants in accordance with the provisions of Rule 19. This schedule is closed to new mobilehome parks or manufactured housing communities for which construction has commenced after January 1, 1997. The rates for CARE and Medical Baseline customers are identified in the rates tables below as DT-CARE and DT-MB rates.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(36.24) per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the utility.

RATES

**Total Rates:**

Description - DT Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer</b>				
Baseline Energy (\$/kWh)	0.02789	0.00526	0.13916 R	0.17231
101% to 130% of Baseline	0.05810	0.00526	0.13916 R	0.20252
131% - 200% of Baseline	0.25692	0.00526	0.13916 R	0.40134
Above 200% of Baseline	0.27692	0.00526	0.13916 R	0.42134
<b>Winter</b>				
Baseline Energy (\$/kWh)	0.09718	0.00526	0.06987 R	0.17231
101% to 130% of Baseline	0.12739	0.00526	0.06987 R	0.20252
131% - 200% of Baseline	0.29096	0.00526	0.06987 R	0.36609
Above 200% of Baseline	0.31096	0.00526	0.06987 R	0.38609
Space Discount (\$/day)	(0.272)			(0.272)
Minimum Bill (\$/day)	0.170			0.170

Description - DT-CARE Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer - CARE Rates</b>				
Baseline Energy (\$/kWh)	0.00768	0.00000	0.13916 R	0.14684
101% to 130% of Baseline	0.03161	0.00000	0.13916 R	0.17077
131% - 200% of Baseline	0.11637	0.00000	0.13916 R	0.25553
Above 200% of Baseline	0.11637	0.00000	0.13916 R	0.25553
<b>Winter - CARE Rates</b>				
Baseline Energy (\$/kWh)	0.07697	0.00000	0.06987 R	0.14684
101% to 130% of Baseline	0.10090	0.00000	0.06987 R	0.17077
131% - 200% of Baseline	0.16928	0.00000	0.06987 R	0.23915
Above 200% of Baseline	0.16928	0.00000	0.06987 R	0.23915
Space Discount (\$/day)	(0.272)			(0.272)
Minimum Bill (\$/day)	0.170			0.170

(Continued)



**SCHEDULE DT**

Sheet 2

**SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK**  
**(Closed Schedule)**

Description – DT MB Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer–MB Rates</b>				
Baseline Energy (\$/kWh)	0.00768	0.00000	0.13916 R	0.14684
101% to 130% of Baseline	0.03467	0.00000	0.13916 R	0.17383
131% - 200% of Baseline	0.11557	0.00000	0.13916 R	0.25473
Above 200% of Baseline	0.11557	0.00000	0.13916 R	0.25473
<b>Winter – MB Rates</b>				
Baseline Energy (\$/kWh)	0.07697	0.00000	0.06987 R	0.14684
101% to 130% of Baseline	0.10396	0.00000	0.06987 R	0.17383
131% - 200% of Baseline	0.17140	0.00000	0.06987 R	0.24127
Above 200% of Baseline	0.17140	0.00000	0.06987 R	0.24127
Space Discount (\$/day)	(0.272)			(0.272)
Minimum Bill (\$/day)	0.170			0.170

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00239) that customers receive on their monthly bills.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

**UDC Rates:**

Description – DT Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer</b>									
Baseline Energy	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	(0.10095)	0.02789
101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	(0.07074)	0.05810
131% to 200% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.12808	0.25692
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.14808	0.27692
<b>Winter</b>									
Baseline Energy	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	(0.03166)	0.09718
101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	(0.00145)	0.12739
131% to 200% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.16212	0.29096
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.18212	0.31096
<b>DT – CARE Rates</b>									
<b>Summer</b>									
Baseline Energy CARE*	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.11908)	0.00768
101% to 130% of Baseline**	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.09515)	0.03161
131% to 200% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.01039)	0.11637
Above 200% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.01039)	0.11637
<b>Winter</b>									
Baseline Energy CARE*	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.04979)	0.07697
101% to 130% of Baseline**	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.02586)	0.10090
131% to 200% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	0.04252	0.16928
Above 200% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	0.04252	0.16928
Space Discount (\$/day)		(0.272)							(0.272)
Minimum Bill (\$/day)		0.170							0.170

(Continued)



**SCHEDULE DT**

Sheet 3

SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK

RATES (Continued)

Description –DT - MB Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer – MB Rates</b>									
Baseline Energy (\$/kWh)	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.12116)	0.00768
101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.09417)	0.03467
131% - 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.01327)	0.11557
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.01327)	0.11557
<b>Winter – MB Rates</b>									
Baseline Energy (\$/kWh)	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.05187)	0.07697
101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.02488)	0.10396
131% - 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.04256	0.17140
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.04256	0.17140
Space Discount (\$/day)			(0.272)						(0.272)
Minimum Bill (\$/day)			0.170						0.170

**Notes:** Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00052 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00461 /kWh. Total Rate Adjustment Component charges also include the Residential Volumetric Rate Adjustment of \$(0.02492) per kWh for customers eligible for Schedule GHG-ARR.

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\*Applicable to the baseline quantities determined from the mobilehome spaces utilizing service that are low-income households.

\*\*Applicable to the non-baseline quantities determined from the mobilehome spaces utilizing service that qualify for California Alternate Rates for Energy (CARE) discounted rates as low-income households under the provisions of Schedule E-CARE.

The Non-Baseline rates are for energy used in excess of the baseline allowance.

(Continued)

3H10

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**SCHEDULE DT**

Sheet 4

SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK

RATES (Continued)

Minimum Bill

The minimum bill is calculated as the minimum bill charge per day times the number of days in the billing cycle.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1-Definitions.

Customers receive a per dwelling space discount (\$/day) that will be limited in any monthly bill to the distribution rate portion of the customer's bill.

Customers that are eligible and receive both CARE and medical baseline will be given the additional medical baseline allotment for which they qualify, but will be billed using the CARE rates (DT-CARE) and exemptions.

CARE Discount

A 20% CARE discount will be applied to all electric charges billed on this schedule to qualified CARE customers as set forth in Schedule E-CARE. In addition, eligible customers on this schedule will be exempt from paying the CARE surcharge of \$0.00649 per kWh. Customers receiving service under this schedule shall comply with the provisions of Public Utilities Code 739.5 in providing service to their submetered tenants.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

(Continued)

4H12

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**SCHEDULE DT-RV**

Sheet 1

**SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS**

**APPLICABILITY**

This schedule is applicable to service for domestic lighting, heating, cooking, water heating, and power supplied to qualifying residents of recreational vehicle (RV) parks and residential marinas through one meter on a single premises and submetered to all RV park and residential marina tenants in accordance with the provisions of Rule 19. The rates for CARE and Medical Baseline customers are identified in the rates tables below as DT-RV-CARE and DT-RV-MB rates, respectively.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(36.24) per Schedule GHG-ARR.

**TERRITORY**

Within the entire territory served by the Utility.

**RATES**

**Total Rates:**

Description – DT-RV Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer</b>				
Baseline Energy (\$/kWh)	0.02789	0.00526	0.13916	0.17231
101% to 130% of Baseline	0.05810	0.00526	0.13916	0.20252
131% - 200% of Baseline	0.25692	0.00526	0.13916	0.40134
Above 200% of Baseline	0.27692	0.00526	0.13916	0.42134
<b>Winter</b>				
Baseline Energy (\$/kWh)	0.09718	0.00526	0.06987	0.17231
101% to 130% of Baseline	0.12739	0.00526	0.06987	0.20252
131% - 200% of Baseline	0.29096	0.00526	0.06987	0.36609
Above 200% of Baseline	0.31096	0.00526	0.06987	0.38609
Minimum Bill (\$/day)	0.170			0.170

Description –DT-RV CARE Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – CARE Rates</b>				
Baseline Energy (\$/kWh)	0.00768	0.00000	0.13916	0.14684
101% to 130% of Baseline	0.03161	0.00000	0.13916	0.17077
131% - 200% of Baseline	0.11637	0.00000	0.13916	0.25553
Above 200% of Baseline	0.11637	0.00000	0.13916	0.25553
<b>Winter – CARE Rates</b>				
Baseline Energy (\$/kWh)	0.07697	0.00000	0.06987	0.14684
101% to 130% of Baseline	0.10090	0.00000	0.06987	0.17077
131% - 200% of Baseline	0.16928	0.00000	0.06987	0.23915
Above 200% of Baseline	0.16928	0.00000	0.06987	0.23915
Minimum Bill (\$/day)	0.170			0.170

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**SCHEDULE DT-RV**

Sheet 2

**SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS**

Description - DT-RV MB Rate	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
Summer – MB Rates				
Baseline Energy (\$/kWh)	0.00768	0.00000	0.13916	0.14684
101% to 130% of Baseline	0.03467	0.00000	0.13916	0.17383
131% - 200% of Baseline	0.11557	0.00000	0.13916	0.25473
Above 200% of Baseline	0.11557	0.00000	0.13916	0.25473
Winter – MB Rates				
Baseline Energy (\$/kWh)	0.07697	0.00000	0.06987	0.14684
101% to 130% of Baseline	0.10396	0.00000	0.06987	0.17383
131% - 200% of Baseline	0.17140	0.00000	0.06987	0.24127
Above 200% of Baseline	0.17140	0.00000	0.06987	0.24127
Minimum Bill (\$/day)	0.170			0.170

Note:

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00239) that customers receive on their monthly bills.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

**UDC Rates:**

Description – DT-RV Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Summer									
Baseline Energy	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	(0.10095)	0.02789
101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	(0.07074)	0.05810
131% to 200% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.12808	0.25692
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.14808	0.27692
Winter									
Baseline Energy	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	(0.03166)	0.09718
101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	(0.00145)	0.12739
131% to 200% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.16212	0.29096
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.18212	0.31096
<b>DT-RV CARE Rates</b>									
Summer									
Baseline Energy CARE*	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.11908)	0.00768
101% to 130% of Baseline**	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.09515)	0.03161
131% to 200% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.01039)	0.11637
Above 200% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.01039)	0.11637
Winter									
Baseline Energy CARE*	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.04979)	0.07697
101% to 130% of Baseline**	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	(0.02586)	0.10090
131% to 200% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	0.04252	0.16928
Above 200% of Baseline	0.02544	0.08720	0.01222	0.00041	0.00097	0.00027	0.00025	0.04252	0.16928
Minimum Bill (\$/day)	0.170								0.170

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**SCHEDULE DT-RV**

Sheet 3

SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS

RATES (Continued)

Description –DT-RV MB Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Summer – MB Rates									
Baseline Energy (\$/kWh)	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.12116)	0.00768
101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.09417)	0.03467
131% - 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.01327)	0.11557
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.01327)	0.11557
Winter – MB Rates									
Baseline Energy (\$/kWh)	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.05187)	0.07697
101% to 130% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R (0.02488)	0.10396
131% - 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.04256	0.17140
Above 200% of Baseline	0.02544	0.08928	0.01222	0.00041	R 0.00097	R 0.00027	0.00025	R 0.04256	0.17140
Minimum Bill (\$/day)		0.170							0.170

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00052 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00461 /kWh. Total Rate Adjustment Component charges also include the Residential Volumetric Rate Adjustment of \$(0.02492) per kWh for customers eligible for Schedule GHG-ARR.

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**SCHEDULE DT-RV**

Sheet 4

SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS

RATES (Continued)

\* The baseline quantity to be billed under the Baseline and Non-Baseline rates for the RV spaces and marina boat slips/berths utilizing service that are low-income households shall be determined under the provisions of Special Condition 8. The baseline quantity will be calculated by multiplying the applicable baseline quantities by the number of occupied submetered qualifying RV spaces and marina boat slips/berths.

\*\* If any tenants in a submetered qualifying RV park or residential marina qualify as low-income households under the provisions of Schedule E-CARE, the baseline quantity shall be prorated among the applicable California Alternate Rates for Energy (CARE) Baseline rate and the Regular Baseline rate according to the proportion of qualifying and non-qualifying spaces or slips/berths. Non-Baseline usage, if applicable, shall be prorated among the applicable CARE Non-Baseline rate and the Regular Non-Baseline rate according to the same proportion as the baseline quantity.

The Non-Baseline rates are for energy used in excess of the baseline allowance.

Minimum Bill

The minimum bill is calculated as the minimum bill charge per day times the number of days in the billing cycle.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1-Definitions.

Customers that are eligible and receive both CARE and medical baseline will be given the additional medical baseline allotment for which they qualify, but will be billed using the CARE rates (DT-RV-CARE) and exemptions.

CARE Discount

A 20% CARE discount will be applied to all CARE electric charges billed on this schedule. In addition, eligible customers on this schedule will be exempt from paying the CARE surcharge of \$0.00649 per kWh. Customers receiving service under this schedule shall comply with the provisions of Public Utilities Code Section 739.5 in providing service to low-income tenants under the provisions of Schedule E-CARE of the Utility's tariffs.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

(Continued)





**SCHEDULE EV-TOU**

Sheet 1

DOMESTIC TIME-OF-USE FOR ELECTRIC VEHICLE CHARGING

APPLICABILITY

Optionally available to domestic service for charging of a currently registered Motor Vehicle, as defined by the California Motor Vehicle Code, which is: 1) a battery electric vehicle (BEV) or plug-in hybrid electric vehicle (PHEV) recharged via a recharging outlet at the customer's premises; or, 2) a natural gas vehicle (NGV) refueled via a home refueling appliance (HRA) at the customer's premises. This schedule is not available to customers with a conventional charge sustaining (battery recharged solely from the vehicle's on-board generator) hybrid electric vehicle (HEV).

TERRITORY

Within the entire territory served by the utility.

RATES

Total Rates:

Description – EV-TOU Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
Minimum Bill (\$/day)	0.170			0.170
<u>Energy Charges (\$/kWh)</u>				
On-Peak – Summer	0.12102	0.00526	0.35025 R	0.47653 R
Off-Peak – Summer	0.12102	0.00526	0.09086 R	0.21714 I
Super Off-Peak – Summer	0.12102	0.00526	0.04433 R	0.17061 I
On-Peak – Winter	0.12102	0.00526	0.08927 R	0.21555 I
Off-Peak – Winter	0.12102	0.00526	0.07828 R	0.20456 I
Super Off-Peak - Winter	0.12102	0.00526	0.05637 R	0.18265 I

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00239) that customers receive on their monthly bills.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

UDC Rates:

Description – EV-TOU	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Minimum Bill (\$/day)	0.170								0.170
<u>Energy Charges (\$/kWh)</u>									
On-Peak – Summer	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.00782	0.12102
Off-Peak – Summer	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.00782	0.12102
Super Off-Peak – Summer	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.00782	0.12102
On-Peak – Winter	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.00782	0.12102
Off-Peak – Winter	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.00782	0.12102
Super Off-Peak - Winter	0.02544	0.08928	0.01222	0.00041	0.00097	0.00027	0.00025	0.00782	0.12102

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00052 kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00461 /kWh. Total Rate Adjustment Component charges also include the Residential Volumetric Rate Adjustment of \$(0.00782) per kWh for customers eligible for Schedule GHG-ARR.

(Continued)



**SCHEDULE EV-TOU-2**

Sheet 1

**DOMESTIC TIME-OF-USE FOR HOUSEHOLDS WITH ELECTRIC VEHICLES**

**APPLICABILITY**

Service under this schedule is specifically limited to customers who require service for charging of a currently registered Motor Vehicle, as defined by the California Motor Vehicle Code, which is: 1) a battery electric vehicle (BEV) or plug-in hybrid electric vehicle (PHEV) recharged via a recharging outlet at the customer's premises; or 2) a natural gas vehicle (NGV) refueled via a home refueling appliance (HRA) at the customer's premises. This schedule is not available to customers with a conventional charge sustaining (battery recharged solely from the vehicle's on-board generator) hybrid electric vehicle (HEV).

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(36.24) per Schedule GHG-ARR.

**TERRITORY**

Within the entire territory served by the utility.

**RATES**

**Total Rates:**

Description – EV-TOU-2 Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
Minimum Bill (\$/day)	0.170			0.170
<b>Energy Charges (\$/kWh)</b>				
On-Peak – Summer	0.12102	0.00526	0.35115 R	0.47743 R
Off-Peak – Summer	0.12102	0.00526	0.09399 R	0.22027 I
Super Off-Peak – Summer	0.12102	0.00526	0.04431 R	0.17059 I
On-Peak – Winter	0.12102	0.00526	0.08561 R	0.21189 I
Off-Peak – Winter	0.12102	0.00526	0.08138 R	0.20766 I
Super Off-Peak - Winter	0.12102	0.00526	0.05634 R	0.18262 I

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00239) that customers receive on their monthly bills.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

**UDC Rates**

Description - EV-TOU-2	Trans m	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Minimum Bill (\$/day)		0.170							0.170
<b>Energy Charges (\$/kWh)</b>									
On-Peak – Summer	0.02544	0.08928	0.01222	0.00041R	0.00097 R	0.00027	0.00025 R	(0.00782)	0.12102 I
Off-Peak – Summer	0.02544	0.08928	0.01222	0.00041R	0.00097 R	0.00027	0.00025 R	(0.00782)	0.12102 I
Super Off-Peak – Summer	0.02544	0.08928	0.01222	0.00041R	0.00097 R	0.00027	0.00025 R	(0.00782)	0.12102 I
On-Peak – Winter	0.02544	0.08928	0.01222	0.00041R	0.00097 R	0.00027	0.00025 R	(0.00782)	0.12102 I
Off-Peak – Winter	0.02544	0.08928	0.01222	0.00041R	0.00097 R	0.00027	0.00025 R	(0.00782)	0.12102 I
Super Off-Peak - Winter	0.02544	0.08928	0.01222	0.00041R	0.00097 R	0.00027	0.00025 R	(0.00782)	0.12102 I

**Notes:** Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00052 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00461 /kWh. Total Rate Adjustment Component charges also include the Residential Volumetric Rate Adjustment of \$(0.00782) per kWh for customers eligible for Schedule GHG-ARR.

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**SCHEDULE A**  
**GENERAL SERVICE**

Sheet 1

APPLICABILITY

Applicable to general service including lighting, appliances, heating, and power, or any combination thereof, including common use. This schedule is not applicable to residential customers, except for those three-phase residential customers taking service on this schedule as of April 12, 2007 who may remain on this schedule while service continues in their name at the same service address. Those three-phase residential customers remaining on this schedule who choose to switch to a residential rate schedule may not return to this schedule. This schedule is not applicable to any customer whose Maximum Monthly Demand equals, exceeds, or is expected to equal or exceed 20 kW for 12 consecutive months. When demand metering is not available, the monthly consumption cannot equal or exceed 12,000 kWh per month for 12 consecutive months. This schedule is the utility's standard tariff for commercial customers with a demand less than 20 kW.

Non-profit group living facilities taking service under this schedule may be eligible for a 20% California Alternate Rates for Energy (CARE) discount on their bill, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE.

Agricultural Employee Housing Facilities, as defined in Schedule E-CARE, may qualify for a 20% CARE discount on the bill if all eligibility criteria set forth in Form 142-4032 or Form 142-4035 is met.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00839) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description - A	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Basic Service Fee (\$/mo)									
<b><u>Secondary</u></b>									
0-5 kW	0.00	7.00							7.00
>5-20 kW	0.00	12.00							12.00
>20-50 kW	0.00	20.00							20.00
>50 kW	0.00	50.00							50.00
<b><u>Primary</u></b>									
0-5 kW	0.00	7.00							7.00
>5-20 kW	0.00	12.00							12.00
>20-50 kW	0.00	20.00							20.00
>50 kW	0.00	50.00							50.00
<b><u>Energy Charge (\$/kWh)</u></b>									
Secondary – Summer	0.02837	0.08689	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.13312
Primary – Summer	0.02837	0.08646	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.13269
Secondary - Winter	0.02837	0.08689	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.13312
Primary - Winter	0.02837	0.08646	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.13269

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**SCHEDULE A**  
**GENERAL SERVICE**

RATES (Continued)

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00061 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00811 /kWh.

Minimum Charge

The minimum charge shall be the Basic Service Fee.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC (Electric Energy Commodity Cost) and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1-Definitions.

Time Periods

Summer: May 1 to October 31  
Winter: November 1 to April 30

Franchise Fee Differential

Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

SPECIAL CONDITIONS

1. Definitions: The Definitions of terms used in this schedule are found either herein or in Rule 1.
2. Basic Service Fee Determination: The basic service fee will be determined each month based on the customer's Maximum Annual Demand. If demand is unavailable, or less than 50% of the 15-minute interval data is available, demand will be derived by dividing the total kilowatt hours by the number days in the billing period times 24 hours.
3. Voltage: Service under this schedule normally will be supplied at a standard available Voltage in accordance with Rule 2.
4. Voltage Regulators: Voltage Regulators, if required by the customer, shall be furnished, installed, owned, and maintained by the customer.
5. Reconnection Charge: Any customer resuming service within twelve months after such service was discontinued will be required to pay all charges which would have been billed if service had not been discontinued.

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**SCHEDULE TOU-A**

Sheet 1

GENERAL SERVICE - TIME OF USE SERVICE

APPLICABILITY

This Schedule is optionally available to general service including lighting, heating, and power, or any combination thereof, including common use and whose facility is separately metered. In order for this Schedule to take effect, the customer must have "appropriate electric metering" as defined under Special Condition 1 that has been tested and verified according to Utility procedures. This Schedule is not applicable to any customer whose Maximum Monthly Demand equals, exceeds, or is expected to equal or exceed 20 kW for 12 consecutive months.

Non-profit group living facilities taking service under this Schedule may be eligible for a 20% California Alternate Rates for Energy (CARE) discount on their bill, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE.

Agricultural Employee Housing Facilities, as defined in Schedule E-CARE, may qualify for a 20% CARE discount on the bill if all eligibility criteria set forth in Form 142-4032 or Form 142-4035 is met.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$ (0.00839) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description TOU-A	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Basic Service Fee (\$/mo)</b>									
<u>Secondary</u>									
0-5 kW		7.00							7.00
>5-20 kW		12.00							12.00
>20-50 kW		20.00							20.00
>50 kW		50.00							50.00
<u>Primary</u>									
0-5 kW		7.00							7.00
>5-20 kW		12.00							12.00
>20-50 kW		20.00							20.00
>50 kW		50.00							50.00
<b>Energy Charges (\$/kWh)</b>									
<u>On-Peak - Summer</u>									
Secondary	0.02837	0.08689	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.13312
Primary	0.02837	0.08646	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.13269
<u>Semi-Peak - Summer</u>									
Secondary	0.02837	0.08689	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.13312
Primary	0.02837	0.08646	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.13269
<u>Off-Peak - Summer</u>									
Secondary	0.02837	0.08689	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.13312
Primary	0.02837	0.08646	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.13269
<u>On-Peak - Winter</u>									
Secondary	0.02837	0.08689	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.13312
Primary	0.02837	0.08646	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.13269
<u>Semi-Peak - Winter</u>									
Secondary	0.02837	0.08689	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.13312
Primary	0.02837	0.08646	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.13269
<u>Off-Peak - Winter</u>									
Secondary	0.02837	0.08689	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.13312
Primary	0.02837	0.08646	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.13269

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**SCHEDULE TOU-A**

Sheet 2

GENERAL SERVICE - TIME OF USE SERVICE

RATES (Continued)

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 per kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00061 per kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00811 per kWh.

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Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC (Electric Energy Commodity Cost) and Schedule DWR-BC (Department of Water Resources Bond Charge).

Time Periods

All time periods listed are applicable to local time. The definition of time will be based upon the date service is rendered.

Summer (May 1- Oct 31)

On-Peak 11 a.m. – 6 p.m. weekdays, excluding holidays

Semi-Peak 6 a.m. – 11 a.m. weekdays, excluding holidays  
6 p.m. – 10 p.m. weekdays, excluding holidays

Off-Peak 10 p.m. – 6 a.m. weekdays, and all hours  
on weekends & holidays

Winter (Nov 1 – April 30)

On-Peak 5 p.m. – 8 p.m. weekdays, excluding holidays

Semi-Peak 6 a.m. – 5 p.m. weekdays, excluding holidays  
8 p.m. – 10 p.m. weekdays, excluding holidays

Off-Peak 10 p.m. – 6 a.m. weekdays, and all hours  
on weekends & holidays

Franchise Fee Differential

Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this Schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

(Continued)

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**SCHEDULE A-TC**

Sheet 1

TRAFFIC CONTROL SERVICE

APPLICABILITY

Applicable to local, state or other governmental agencies for service to traffic signal systems utilized 24 hours per day, located on streets, highways or other public thoroughfares. This schedule is closed to new customers with non-residential loads that maintain a minimum annual load factor of at least 90 percent, as demonstrated by load sampling, and to customer owned outdoor area lighting furnished from dusk to dawn where photo cells have been installed on all loads. When served in conjunction with traffic signal systems, this service is also applicable to: attached illuminated traffic directional signs; flashing beacons; aircraft warning obstruction lights; other traffic control devices; transit shelters; and energy-only service to street lights. This schedule is not applicable to any customer whose maximum demand equals, exceeds, or is expected to equal or exceed 20 kW for three (3) consecutive months.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00839) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the utility.

RATES

Description – A-TC	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Basic Service Fee (\$/mo)									
0-5 kW		7.00							7.00
>5 kW		12.00							12.00
Energy Charge (\$/kWh)									
Summer	0.02837	0.06177	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.10800
Winter	0.02837	0.06177	0.01581	0.00041	R 0.00110	R 0.00027	0.00027	R	0.10800

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) of \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) of \$0.00061 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00811 /kWh.

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Minimum Charge

The minimum charge shall be the Basic Service Fee.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC (Electric Energy Commodity Cost) and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1 – Definitions.

(Continued)



**SCHEDULE AD**

Sheet 1

GENERAL SERVICE - DEMAND METERED  
(Closed Schedule)

APPLICABILITY

Applicable to general service including lighting, appliances, heating, and power, or any combination thereof to customers who have received service on this schedule on June 30, 1987. This schedule is not applicable to customers who request service after June 30, 1987, or who qualify for a baseline allowance. This schedule is not applicable to customers whose Maximum Monthly Demand has been less than 20 kW for three consecutive months, or whose Maximum Monthly Demand exceeds 500 kW for three consecutive months. Customers who discontinue service under this schedule cannot subsequently return to Schedule AD.

Non-profit group living facilities taking service under this schedule may be eligible for a 20% California Alternate Rates for Energy (CARE) discount on their bill, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE.

Agricultural Employee Housing Facilities, as defined in Schedule E-CARE, may qualify for a 20% CARE discount on the bill if all eligibility criteria set forth in Form 142-4032 or Form 142-4035 is met.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00818) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description - AD	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Basic Service Fee (\$/mo)		55.42	I						55.42 I
Maximum Demand Charge									
Secondary	13.10	I 18.36	I		0.00		0.07	I	31.53 I
Primary	12.66	I 17.47	I		0.00		0.06	I	30.19 I
Demand Charge - Summer									
Secondary	0.00	0.00			0.00		0.00		0.00
Primary	0.00	0.00			0.00		0.00		0.00
Demand Charge - Winter									
Secondary	0.00	0.00			0.00		0.00		0.00
Primary	0.00	0.00			0.00		0.00		0.00
Power Factor		0.25							0.25
Energy Charge									
Summer:									
Secondary	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
Primary	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
Winter:									
Secondary	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
Primary	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R

**Notes:** Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00033 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00477 /kWh.

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**SCHEDULE A-TOU**

Sheet 1

GENERAL SERVICE - SMALL - TIME METERED  
(Closed Schedule)

APPLICABILITY

This schedule is closed to new customers effective October 1, 2002.

Applicable to general service including lighting, appliances, heating, and power, or any combination thereof, including common use. This schedule is not available to residential service, except for those three-phase residential customers taking service on this schedule as of April 12, 2007 who may remain on this schedule while service continues in their name at the same service address. Those three-phase residential customers remaining on this schedule who choose to switch to a residential rate schedule may not return to this schedule. This schedule is not applicable to any customer whose monthly maximum demand equals, exceeds, or is expected to equal or exceed 40 kW for three consecutive months.

Non-profit group living facilities taking service under this schedule may be eligible for a 20% California Alternate Rates for Energy (CARE) discount on their bill, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE.

Agricultural Employee Housing Facilities, as defined in Schedule E-CARE, may qualify for a 20% CARE discount on the bill if all eligibility criteria set forth in Form 142-4032 or Form 142-4035 is met.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00839) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description – A-TOU	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Basic Service Fee (\$/mo)		19.12	I						19.12 I
Energy Charges (\$/kWh)									
Summer									
On-Peak	0.02837	I 0.08689	I 0.01581	I 0.00041	R 0.00110	R 0.00027	0.00027	R	0.13312 I
Semi-Peak	0.02837	I 0.08689	I 0.01581	I 0.00041	R 0.00110	R 0.00027	0.00027	R	0.13312 I
Off-Peak	0.02837	I 0.08689	I 0.01581	I 0.00041	R 0.00110	R 0.00027	0.00027	R	0.13312 I
Winter									
On-Peak	0.02837	I 0.08689	I 0.01581	I 0.00041	R 0.00110	R 0.00027	0.00027	R	0.13312 I
Semi-Peak	0.02837	I 0.08689	I 0.01581	I 0.00041	R 0.00110	R 0.00027	0.00027	R	0.13312 I
Off-Peak	0.02837	I 0.08689	I 0.01581	I 0.00041	R 0.00110	R 0.00027	0.00027	R	0.13312 I

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060)per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359)per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00061 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00811 /kWh.

Minimum Charge

The minimum monthly charge shall be the sum of the Service Charges.

(Continued)

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**SCHEDULE AL-TOU**

Sheet 1

GENERAL SERVICE - TIME METERED

APPLICABILITY

Applicable to all metered non-residential customers whose monthly maximum demand equals, exceeds, or is expected to equal or exceed 20 kW. This schedule is not applicable to residential customers, except for those three-phase residential customers taking service on this schedule as of April 12, 2007 who may remain on this schedule while service continues in their name at the same service address. Those three-phase residential customers remaining on this schedule who choose to switch to a residential rate schedule may not return to this schedule. This schedule is optionally available to common use and metered non-residential customers whose Monthly Maximum Demand is less than 20 kW. Any customer whose Maximum Monthly Demand has fallen below 20 kW for three consecutive months may, at their option, elect to continue service under this schedule or be served under any other applicable schedule. This schedule is the utility's standard tariff for commercial and industrial customers with a Monthly Maximum Demand equaling or exceeding 20 kW.

Non-profit group living facilities taking service under this schedule may be eligible for a 20% California Alternate Rates for Energy (CARE) discount on their bill, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE.

Agricultural Employee Housing Facilities, as defined in Schedule E-CARE, may qualify for a 20% CARE discount on the bill if all eligibility criteria set forth in Form 142-4032 or Form 142-4035 is met.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00818) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description – AL-TOU	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Basic Service Fees</u>									
(\$/month)									
<u>0-500 kW</u>									
Secondary		116.44	I						116.44
Primary		31.40							31.40
Secondary Substation		16,630.12							16,630.12
Primary Substation		16,630.12							16,630.12
Transmission		169.34	I						169.34
<u>&gt; 500 kW</u>									
Secondary		465.74	I						465.74
Primary		37.35							37.35
Secondary Substation		16,630.12							16,630.12
Primary Substation		16,630.12							16,630.12
Transmission		677.54	I						677.54
<u>&gt; 12 MW</u>									
Secondary Substation		28,063.31							28,063.31
Primary Substation		28,115.43							28,115.43
<u>Trans. Multiple Bus</u>		3,000.00							3,000.00
<u>Distance Adjust. Fee</u>									
Secondary - OH		1.23							1.23
Secondary - UG		3.17							3.17
Primary - OH		1.22							1.22
Primary - UG		3.13							3.13

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**SCHEDULE AL-TOU**  
**GENERAL SERVICE - TIME METERED**

RATES (Continued)

Description – AL-TOU	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Demand Charges (\$/kW)</u>									
<u>Non-Coincident</u>									
Secondary	11.79	12.57			0.00		0.07		24.43
Primary	11.39	12.38			0.00		0.06		23.83
Secondary Substation	11.79	1.04			0.31	R	0.07		13.21
Primary Substation	11.39	1.04			0.31	R	0.06		12.80
Transmission	11.28	1.04			0.31	R	0.06		12.69
<u>Maximum On-Peak</u>									
<u>Summer</u>									
Secondary	2.14	8.23			0.00				10.37
Primary	2.06	7.97			0.00				10.03
Secondary Substation	2.14	0.00			0.00				2.14
Primary Substation	2.06	0.00			0.00				2.06
Transmission	2.05	0.00			0.00				2.05
<u>Winter</u>									
Secondary	0.65	7.01			0.00				7.66
Primary	0.63	6.99			0.00				7.62
Secondary Substation	0.65	0.00			0.00				0.65
Primary Substation	0.63	0.00			0.00				0.63
Transmission	0.62	0.00			0.00				0.62
<u>Power Factor (\$/kvar)</u>									
Secondary			0.25						0.25
Primary			0.25						0.25
Secondary Substation			0.25						0.25
Primary Substation			0.25						0.25
Transmission									

(Continued)

2H11

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**SCHEDULE AL-TOU**  
**GENERAL SERVICE - TIME METERED**

Sheet 3

**RATES (Continued)**

Description – AL-TOU	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Energy Charges (\$/kWh)</u>									
<u>On-Peak - Summer</u>									
Secondary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00085	R 0.00023	0.00005	R	0.00234 R
Primary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00085	R 0.00023	0.00005	R	0.00234 R
Secondary Substation	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
Primary Substation	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
Transmission	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
<u>Semi-Peak – Summer</u>									
Secondary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00085	R 0.00023	0.00005	R	0.00234 R
Primary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00085	R 0.00023	0.00005	R	0.00234 R
Secondary Substation	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
Primary Substation	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
Transmission	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
<u>Off-Peak – Summer</u>									
Secondary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00085	R 0.00023	0.00005	R	0.00234 R
Primary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00085	R 0.00023	0.00005	R	0.00234 R
Secondary Substation	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
Primary Substation	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
Transmission	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
<u>On-Peak – Winter</u>									
Secondary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00085	R 0.00023	0.00005	R	0.00234 R
Primary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00085	R 0.00023	0.00005	R	0.00234 R
Secondary Substation	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
Primary Substation	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
Transmission	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
<u>Semi-Peak – Winter</u>									
Secondary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00085	R 0.00023	0.00005	R	0.00234 R
Primary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00085	R 0.00023	0.00005	R	0.00234 R
Secondary Substation	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
Primary Substation	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
Transmission	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
<u>Off-Peak - Winter</u>									
Secondary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00085	R 0.00023	0.00005	R	0.00234 R
Primary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00085	R 0.00023	0.00005	R	0.00234 R
Secondary Substation	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
Primary Substation	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R
Transmission	(0.01419)	R 0.00000	0.01219	I 0.00041	R 0.00000	0.00023	0.00005	R	(0.00131) R

**Notes:** Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00033 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00477 /kWh.

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**SCHEDULE AY-TOU**

Sheet 1

GENERAL SERVICE - TIME METERED - OPTIONAL  
(Closed Schedule)

APPLICABILITY

This schedule is optionally available to all metered non-residential customers who request service on this schedule and whose maximum annual demand does not exceed 500 kW.

As of September 2, 1999, Schedule AY-TOU is closed to any additional customers. Existing AY-TOU customers who discontinue service under this schedule after September 2, 1999, cannot subsequently return to Schedule AY-TOU.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00818) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description – AY-TOU	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Basic Service Fees (\$/Mo)</u>									
Secondary		116.44							116.44
Primary		31.40							31.40
Transmission		169.34							169.34
<u>Demand Charges (\$/kw)</u>									
<u>Non-Coincident</u>									
Secondary	11.79		13.61				0.07		25.47
Primary	11.39		13.40				0.06		24.85
Transmission	11.28						0.06		11.34
<u>Maximum On-Peak Summer</u>									
Secondary	2.14		8.15		0.00				10.29
Primary	2.06		8.04		0.00				10.10
Transmission	2.05		0.00		0.00				2.05
<u>Maximum On-Peak Winter</u>									
Secondary	0.65		8.15		0.00				8.80
Primary	0.63		8.04		0.00				8.67
Transmission	0.62		0.00		0.00				0.62
<u>Power Factor</u>									
Secondary			0.25						0.25
Primary			0.25						0.25
Transmission									

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**SCHEDULE AY-TOU**

GENERAL SERVICE - TIME METERED - OPTIONAL

RATES (Continued)

Description – AY-TOU	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>On-Peak -Summer</u>									
Secondary	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
Primary	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
Transmission	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
<u>Semi-Peak -Summer</u>									
Secondary	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
Primary	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
Transmission	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
<u>Off-Peak - Summer</u>									
Secondary	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
Primary	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
Transmission	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
<u>On-Peak -Winter</u>									
Secondary	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
Primary	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
Transmission	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
<u>Semi-Peak Winter</u>									
Secondary	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
Primary	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
Transmission	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
<u>Off-Peak Winter</u>									
Secondary	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
Primary	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R
Transmission	(0.01419) R	0.00280 I	0.01219 I	0.00041 R	0.00085 R	0.00023	0.00005 R		0.00234 R

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00033 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00477 /kWh.

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Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC (Electric Energy Commodity Cost) and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1 – Definitions.

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**SCHEDULE A6-TOU**

Sheet 1

GENERAL SERVICE - TIME METERED OPTIONAL

APPLICABILITY

This schedule is optionally available to customers receiving service at Primary, Primary Substation, or Transmission service voltage level, as defined in Rule 1, whose maximum demand is 500 kW or greater during any 15-minute interval of the most recent 12-month period.

TERRITORY

Within the entire territory served by the utility.

RATES

Description	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Basic Service Fees</u>									
(\$/month)									
> 500 kW									
Primary		37.35							<b>37.35</b>
Primary Substation		16,630.12							<b>16,630.12</b>
Transmission		1,206.96							<b>1,206.96</b>
> 12 MW									
Primary Substation		28,115.43							<b>28,115.43</b>
<u>Distance Adjust. Fee</u>									
Distance Adj Fee OH		1.22							<b>1.22</b>
Distance Adj Fee UG		3.13							<b>3.13</b>
<u>Demand Charges</u>									
Non-Coincident									
Primary	11.39	13.42			0.31   R		0.06		<b>25.18  </b>
Primary Substation	11.39	1.04			0.31   R		0.06		<b>12.80  </b>
Transmission	11.28	1.04			0.31   R		0.06		<b>12.69  </b>
<u>Maximum Demand at</u>									
<u>Time of System Peak</u>									
<u>Summer</u>									
Primary	2.44	9.15							<b>11.59  </b>
Primary Substation	2.44	0.00							<b>2.44  </b>
Transmission	2.43	0.00							<b>2.43  </b>
<u>Winter</u>									
Primary	0.69	8.05							<b>8.74  </b>
Primary Substation	0.69	0.00							<b>0.69  </b>
Transmission	0.67	0.00							<b>0.67  </b>
<u>Power Factor (\$/kvar)</u>									
Primary		0.25							<b>0.25</b>
Primary Substation		0.25							<b>0.25</b>
Transmission		0.00							

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**SCHEDULE A6-TOU**

GENERAL SERVICE - TIME METERED OPTIONAL

RATES (Continued)

Description	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Energy Charges</u> (kWh)									
<u>On-Peak Summer</u>									
Primary	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
Primary Substation	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
Transmission	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
<u>Semi-Peak Summer</u>									
Primary	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
Primary Substation	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
Transmission	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
<u>Off-Peak Summer</u>									
Primary	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
Primary Substation	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
Transmission	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
<u>On-Peak Winter</u>									
Primary	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
Primary Substation	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
Transmission	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
<u>Semi-Peak Winter</u>									
Primary	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
Primary Substation	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
Transmission	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
<u>Off-Peak Winter</u>									
Primary	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
Primary Substation	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R
Transmission	(0.01419) R	0.00000	0.01219	0.00041 R	0.00000	0.00023	0.00005 R		(0.00131) R

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00033 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00477 /kWh.

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Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC (Electric Energy Commodity Cost) and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1 – Definitions.

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**SCHEDULE DG-R**

Sheet 1

DISTRIBUTED GENERATION RENEWABLE - TIME METERED

APPLICABILITY

Service under this schedule is available on a voluntary basis for all metered non-residential customers whose peak annual load is equal to or less than 2MW, and who have operational, distributed generation, and the capacity of that operational distributed generation is equal to or greater than 10% of their peak annual load. Distributed generation that qualifies for service under this schedule is limited to solar, fuel cells (regardless of fuel source), and other renewable distributed generation, as more fully defined in Special Condition 17, fueled with gas derived from biomass, digester gas, or landfill gas. This schedule is not applicable to residential customers.

Non-profit group living facilities taking service under this schedule may be eligible for a 20% California Alternate Rates for Energy (CARE) discount on their bill, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE.

Agricultural Employee Housing Facilities, as defined in Schedule E-CARE, may qualify for a 20% CARE discount on the bill if all eligibility criteria set forth in Form 142-4032 or Form 142-4035 is met.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00818) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description DG-R	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Basic Service Fees</u> (\$/month) <u>0-500 kW</u>									
Secondary		116.44							116.44
Primary		31.40							31.40
Secondary Substation		16,630.12							16,630.12
Primary Substation		16,630.12							16,630.12
Transmission <u>≥ 500 kW</u>		169.34							169.34
Secondary		465.74							465.74
Primary		37.35							37.35
Secondary Substation		16,630.12							16,630.12
Primary Substation		16,630.12							16,630.12
Transmission		677.54							677.54
<u>Trans. Multiple Bus</u>		3,000.00							3,000.00
<u>Distance Adjust. Fee</u>									
Secondary - OH		1.23							1.23
Secondary - UG		3.17							3.17
Primary - OH		1.22							1.22
Primary - UG		3.13							3.13

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**SCHEDULE DG-R**

Sheet 2

DISTRIBUTED GENERATION RENEWABLE - TIME METERED

RATES (Continued)

Description DG-R	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Demand Charges (\$/kW)</u>									
<u>Maximum Demand</u>									
Secondary	11.79	0.36	R				0.07		12.22
Primary	11.39	0.47	R				0.06		11.92
Secondary Substation	11.79	0.00					0.07		11.86
Primary Substation	11.39	0.00					0.06		11.45
Transmission	11.28	0.00					0.06		11.34
<u>Maximum On-Peak Summer</u>									
Secondary	2.14	0.00							2.14
Primary	2.06	0.00							2.06
Secondary Substation	2.14	0.00							2.14
Primary Substation	2.06	0.00							2.06
Transmission	2.05	0.00							2.05
<u>Winter</u>									
Secondary	0.65	0.00							0.65
Primary	0.63	0.00							0.63
Secondary Substation	0.65	0.00							0.65
Primary Substation	0.63	0.00							0.63
Transmission	0.62	0.00							0.62
<u>Power Factor (\$/kvar)</u>									
Secondary		0.25							0.25
Primary		0.25							0.25
Secondary Substation		0.25							0.25
Primary Substation		0.25							0.25
Transmission									

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**SCHEDULE DG-R**

DISTRIBUTED GENERATION RENEWABLE - TIME METERED

RATES (Continued)

Description DG-R	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Energy Charges (\$/kWh)</u>									
<u>On-Peak - Summer</u>									
Secondary	(0.01419) R	0.05014	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.04968 R
Primary	(0.01419) R	0.04991	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.04945 R
Secondary Substation	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
Primary Substation	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
Transmission	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
<u>Semi-Peak - Summer</u>									
Secondary	(0.01419) R	0.05014	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.04968 R
Primary	(0.01419) R	0.04991	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.04945 R
Secondary Substation	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
Primary Substation	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
Transmission	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
<u>Off-Peak - Summer</u>									
Secondary	(0.01419) R	0.05014	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.04968 R
Primary	(0.01419) R	0.04991	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.04945 R
Secondary Substation	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
Primary Substation	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
Transmission	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
<u>On-Peak - Winter</u>									
Secondary	(0.01419) R	0.05014	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.04968 R
Primary	(0.01419) R	0.04991	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.04945 R
Secondary Substation	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
Primary Substation	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
Transmission	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
<u>Semi-Peak - Winter</u>									
Secondary	(0.01419) R	0.05014	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.04968 R
Primary	(0.01419) R	0.04991	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.04945 R
Secondary Substation	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
Primary Substation	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
Transmission	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
<u>Off-Peak - Winter</u>									
Secondary	(0.01419) R	0.05014	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.04968 R
Primary	(0.01419) R	0.04991	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.04945 R
Secondary Substation	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
Primary Substation	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R
Transmission	(0.01419) R	0.00280	0.01219	0.00041 R	0.00085 R	0.00023 R	0.00005 R		0.00234 R

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00033 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00477 /kWh.

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**SCHEDULE OL-TOU**

Sheet 1

OUTDOOR LIGHTING - TIME METERED

APPLICABILITY

Applicable to metered outdoor sports and recreation area lighting load and safety and security lighting, not including street or highway lighting, controlled exclusively for nighttime operation. Incidental, non-outdoor area lighting load shall be served under this schedule if the incidental load meets the following conditions: 1) does not exceed 15 percent of the customer's Maximum Monthly Demand and 2) does not exceed 20 kW, regardless of the time such incidental load operates. Service under this schedule is not applicable to any customer whose monthly maximum demand is less than 20 kW and to any customer whose incidental load causes a summer on-peak demand that equals, exceeds, or is expected to equal or exceed 20 kW for three consecutive billing periods.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description – OL-TOU	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Basic Service Fee</u> (\$/mo)		19.12							19.12
<u>Energy Charges</u> (\$/kWh)									
Summer									
On-Peak	0.02837	0.08779	0.01219	0.00041 R	0.00085 R	0.00023	0.00027 R		0.13011
Semi-Peak	0.02837	0.08779	0.01219	0.00041 R	0.00085 R	0.00023	0.00027 R		0.13011
Off-Peak	0.02837	0.08779	0.01219	0.00041 R	0.00085 R	0.00023	0.00027 R		0.13011
Winter									
On-Peak	0.02837	0.08779	0.01219	0.00041 R	0.00085 R	0.00023	0.00027 R		0.13011
Semi-Peak	0.02837	0.08779	0.01219	0.00041 R	0.00085 R	0.00023	0.00027 R		0.13011
Off-Peak	0.02837	0.08779	0.01219	0.00041 R	0.00085 R	0.00023	0.00027 R		0.13011

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00033 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00477 /kWh.

Minimum Charge

The minimum monthly charge shall be the sum of the Service Charges

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**SCHEDULE LS-1**

Sheet 1

**LIGHTING - STREET AND HIGHWAY - UTILITY-OWNED INSTALLATIONS**

APPLICABILITY

Applicable to street lighting service on dedicated thoroughfares, on private streets under Special Condition 6 and to individuals under Special Condition 7.

TERRITORY

Within the entire territory served by the utility.

RATES

Description – LS1	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Watts Lumens</u>									
Mercury Vapor Class A*									
<u>Reactor Ballast</u>									
175	7000	1.10	11.20	0.33	0.03	0.00	0.01	0.01 R	12.68
<u>Regulator Ballast</u>									
175	7000	1.21	11.50	0.36	0.03	0.00	0.01	0.02	13.13
400	20000	2.64	18.44	0.79	0.07	0.00	0.03	0.03 R	22.00
<u>Class C</u>									
400	20000	2.64	36.79	0.79	0.07	0.00	0.03	0.03 R	40.35
<u>HPSV Class A</u>									
70	5800	0.58	8.75	0.17	0.01	R 0.00	0.01	0.01	9.53
100	9500	0.81	9.48	0.24	0.02	0.00	0.01	0.01	10.57
150	16000	1.11	10.41	0.33	0.03	0.00	0.01	0.01 R	11.90
200	22000	1.41	12.43	0.42	0.04	0.00	0.02	0.02	14.34
250	30000	1.80	13.73	0.54	I 0.04	R 0.00	0.02	0.02 R	16.15
400	50000	2.74	16.35	0.81	0.07	0.00	0.03	0.03 R	20.03
<u>Class B, 1 Lamp</u>									
70	5800	0.58	11.76	0.17	0.01	R 0.00	0.01	0.01	12.54
100	9500	0.81	12.29	0.24	0.02	0.00	0.01	0.01	13.38
150	16000	1.11	13.13	0.33	0.03	0.00	0.01	0.01 R	14.62
200	22000	1.41	14.39	0.42	0.04	0.00	0.02	0.02	16.30
250	30000	1.80	15.69	0.54	I 0.04	R 0.00	0.02	0.02 R	18.11
400	50000	2.74	19.81	0.81	0.07	0.00	0.03	0.03 R	23.49
<u>Class B, 2 Lamp</u>									
70	5800	0.58	10.64	0.17	0.01	R 0.00	0.01	0.01	11.42
100	9500	0.81	11.26	0.24	0.02	0.00	0.01	0.01	12.35
150	16000	1.11	12.13	0.33	0.03	0.00	0.01	0.01 R	13.62
200	22000	1.41	13.26	0.42	0.04	0.00	0.02	0.02	15.17
250	30000	1.80	14.65	0.54	I 0.04	R 0.00	0.02	0.02 R	17.07
400	50000	2.74	18.82	0.81	0.07	0.00	0.03	0.03 R	22.50
<u>Class C, 1 Lamp</u>									
70	5800	0.58	17.86	0.17	0.01	R 0.00	0.01	0.01	18.64
100	9500	0.81	18.31	0.24	0.02	0.00	0.01	0.01	19.40
150	16000	1.11	19.12	0.33	0.03	0.00	0.01	0.01 R	20.61
200	22000	1.41	21.64	0.42	0.04	0.00	0.02	0.02	23.55
250	30000	1.80	22.78	0.54	I 0.04	R 0.00	0.02	0.02 R	25.20
400	50000	2.74	29.09	0.81	0.07	0.00	0.03	0.03 R	32.77

\*Closed to new installations as of June 10, 1979

(Continued)

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**SCHEDULE LS-1**

Sheet 2

**LIGHTING - STREET AND HIGHWAY - UTILITY-OWNED INSTALLATIONS**

**RATES (Continued)**

Description-LS-1	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Class C, 2 Lamp</u>									
70	5800	0.58	7.62	0.17	0.01	R	0.01		8.40
100	9500	0.81	8.27	0.24	0.02		0.01		9.36
150	16000	1.11	9.10	0.33	0.03		0.01	R	10.59
200	22000	1.41	11.22	0.42	0.04		0.02		13.13
250	30000	1.80	12.61	0.54	0.04	R	0.02	R	15.03
400	50000	2.74	13.99	0.81	0.07		0.03	R	17.67
<u>LPSV</u>									
<u>Class A</u>									
55	8000	0.51	11.37	0.15	0.01		0.01		12.06
90	13500	0.83	12.71	0.25	0.02		0.01		13.83
135	22500	1.18	14.02	0.35	0.03		0.01		15.61
180	33000	1.35	15.13	0.40	0.03	R	0.02		16.95
<u>Class B, 1 Lamp</u>									
55	8000	0.51	14.02	0.15	0.01		0.01		14.71
90	13500	0.83	15.05	0.25	0.02		0.01		16.17
135	22500	1.18	16.88	0.35	0.03		0.01		18.47
180	33000	1.35	17.05	0.40	0.03	R	0.02		18.87
<u>Class B, 2 Lamp</u>									
55	8000	0.51	13.45	0.15	0.01		0.01		14.14
90	13500	0.83	14.56	0.25	0.02		0.01		15.68
135	22500	1.18	16.30	0.35	0.03		0.01		17.89
180	33000	1.35	16.54	0.40	0.03	R	0.02		18.36
<u>Class C, 1 Lamp</u>									
55	8000	0.51	19.99	0.15	0.01		0.01		20.68
90	13500	0.83	20.96	0.25	0.02		0.01		22.08
135	22500	1.18	23.86	0.35	0.03		0.01		25.45
180	33000	1.35	25.04	0.40	0.03	R	0.02		26.86
<u>Class C, 2 Lamp</u>									
55	8000	0.51	11.36	0.15	0.01		0.01		12.05
90	13500	0.83	13.80	0.25	0.02		0.01		14.92
135	22500	1.18	14.45	0.35	0.03		0.01		16.04
180	33000	1.35	14.82	0.40	0.03	R	0.02		16.64
<u>Metal Halide</u>									
<u>Class A</u>									
100	8500	0.76	8.17	0.23	0.02		0.01		9.20
175	12000	1.19	9.45	0.35	0.03		0.01		11.05
250	18000	1.66	10.93	0.49	0.04		0.02		13.16
400	32000	2.55	14.15	0.76	0.06	R	0.03	R	17.58
<u>Class B</u>									
100	8500	0.76	8.79	0.23	0.02		0.01		9.82
175	12000	1.19	10.07	0.35	0.03		0.01		11.67
250	18000	1.66	11.54	0.49	0.04		0.02		13.77
400	32000	2.55	14.77	0.76	0.06	R	0.03	R	18.20

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**SCHEDULE LS-1**

Sheet 3

LIGHTING - STREET AND HIGHWAY - UTILITY-OWNED INSTALLATIONS

RATES (Continued)

Description- LS-1	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Class C</u>									
100 8500	0.76	20.31	0.23	0.02		0.01	0.01		21.34
175 12000	1.19	21.59	0.35	0.03		0.01	0.02		23.19
250 18000	1.66	23.07	0.49	0.04		0.02	0.02		25.30
400 32000	2.55	26.29	0.76	0.06	R	0.03	0.03	R	29.72
Facilities & Rates									
<u>Class A</u>									
Center Suspension									
Non-Standard									
Wood Pole									
30-foot		5.26							5.26
35-foot		5.74							5.74

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00000 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00067 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00426 /kWh.

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Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) the Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC component, as defined in Rule 1 – Definitions.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

(Continued)

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**SCHEDULE LS-2**

Sheet 1

LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS

APPLICABILITY

Applicable for service to governmental agencies and lighting districts for the lighting of streets, highways and other thoroughfares, and to other corporate agencies for the lighting of non-dedicated streets which are accessible to the public, where the customer owns the entire installation, including underground lines from a central point of connection with utility facilities.

TERRITORY

Within the entire territory served by the Utility.

RATES ion-LS-2	Descript	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total		
<u>Mercury Vapor*</u>												
<u>Rate A Regulator</u>												
<u>Ballast</u>												
175	7000	1.21	I	3.59	I	0.36	0.03	0.00	0.01	0.02	5.22	I
250	10000	1.68	I	4.99	I	0.50	0.04	0.00	0.02	0.02	7.25	I
400	20000	2.64	I	7.86	I	0.79	0.07	0.00	0.03	0.03	11.42	I
700	35000	4.48	I	13.32	I	1.33	0.11	R	0.05	0.06	19.35	I
1000	55000	6.33	I	18.82	I	1.89	0.16	R	0.07	0.08	27.35	I
<u>Rate A, Reactor</u>												
<u>Ballast</u>												
175	7000	1.10	I	3.28	I	0.33	0.03	0.00	0.01	0.01	4.76	I
<u>Rate A, Series</u>												
<u>Service</u>												
175	7000	1.19	I	4.51	I	0.35	0.03	0.00	0.01	0.02	6.11	I
250	10000	1.44	I	5.45	I	0.43	0.04	0.00	0.02	0.02	7.40	I
400	20000	2.56	I	9.70	I	0.76	0.06	R	0.03	0.03	13.14	I
700	35000	4.48	I	17.00	I	1.33	0.11	R	0.05	0.06	23.03	I
<u>Rate B, Regulator</u>												
<u>Ballast</u>												
175	7000	1.21	I	5.10	I	0.36	0.03	0.00	0.01	0.02	6.73	I
250	10000	1.68	I	6.51	I	0.50	0.04	0.00	0.02	0.02	8.77	I
400	20000	2.64	I	9.37	I	0.79	0.07	0.00	0.03	0.03	12.93	I
<u>Rate B, Series</u>												
<u>Service</u>												
175	7000	1.19	I	6.03	I	0.35	0.03	0.00	0.01	0.02	7.63	I
<u>HPSV</u>												
<u>Rate A, Regulator</u>												
<u>Ballast</u>												
50	4000	0.33	I	0.99	I	0.10	0.01	0.00	0.00	0.00	1.43	I
70	5800	0.58	I	1.72	I	0.17	0.01	R	0.01	0.01	2.50	I
100	9500	0.81	I	2.41	I	0.24	0.02	0.00	0.01	0.01	3.50	I
150	16000	1.11	I	3.30	I	0.33	0.03	0.00	0.01	0.01	4.79	I
200	22000	1.41	I	4.20	I	0.42	0.04	0.00	0.02	0.02	6.11	I
250	30000	1.80	I	5.35	I	0.54	0.04	R	0.02	0.02	7.77	I
310	37000	2.20	I	6.54	I	0.66	0.05	R	0.02	0.03	9.50	I
400	50000	2.74	I	8.13	I	0.81	0.07	0.00	0.03	0.03	11.81	I
1000	140000	6.33	I	18.82	I	1.89	0.16	R	0.07	0.08	27.35	I

\*Closed to new installations as of June 10, 1979

(Continued)

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**SCHEDULE LS-2**

Sheet 2

**LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS**

RATES (Continued)

Description	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>HPSV</u>									
<u>Rate A, Reactor</u>									
<u>Ballast</u>									
50 4000	0.29	0.85	0.09	0.01	0.00	0.00	0.00		1.24
70 5800	0.48	1.42	0.14	0.01	0.00	0.01	0.01		2.07
100 9500	0.67	2.00	0.20	0.02	0.00	0.01	0.01		2.91
150 16000	0.98	2.92	0.29	0.02 R	0.00	0.01	0.01		4.23
<u>HPSV</u>									
<u>Rate A, Series</u>									
<u>Service</u>									
50 4000	0.37	1.40	0.11	0.01	0.00	0.00	0.00 R		1.89
70 5800	0.62	2.35	0.18	0.02	0.00	0.01	0.01		3.19
100 9500	0.70	2.64	0.21	0.02	0.00	0.01	0.01		3.59
150 16000	1.00	3.79	0.30	0.02 R	0.00	0.01	0.01 R		5.13
200 22000	1.34	5.08	0.40	0.03 R	0.00	0.01	0.02		6.88
250 30000	1.80	6.82	0.54	0.04 R	0.00	0.02	0.02 R		9.24
<u>HPSV</u>									
<u>Rate B, Regulator Ballast</u>									
50 4000	0.33	2.51	0.10	0.01	0.00	0.00	0.00 R		2.95
70 5800	0.58	3.24	0.17	0.01 R	0.00	0.01	0.01		4.02
100 9500	0.81	3.93	0.24	0.02	0.00	0.01	0.01		5.02
150 16000	1.11	4.81	0.33	0.03	0.00	0.01	0.01 R		6.30
200 22000	1.41	5.72	0.42	0.04	0.00	0.02	0.02		7.63
250 30000	1.80	6.86	0.54	0.04 R	0.00	0.02	0.02 R		9.28
310 37000	2.20	8.06	0.66	0.05 R	0.00	0.02	0.03		11.02
400 50000	2.74	9.65	0.81	0.07	0.00	0.03	0.03 R		13.33
1000 140000	6.33	20.34	1.89	0.16 R	0.00	0.07	0.08 R		28.87
<u>Rate B, Reactor Ballast</u>									
50 4000	0.29	2.37	0.09	0.01	0.00	0.00	0.00		2.76
70 5800	0.48	2.94	0.14	0.01	0.00	0.01	0.01		3.59
100 9500	0.67	3.52	0.20	0.02	0.00	0.01	0.01		4.43
150 16000	0.98	4.44	0.29	0.02 R	0.00	0.01	0.01		5.75
<u>Rate B, Series Service</u>									
50 4000	0.37	2.91	0.11	0.01	0.00	0.00	0.00 R		3.40
70 5800	0.62	3.87	0.18	0.02	0.00	0.01	0.01		4.71
100 9500	0.70	4.16	0.21	0.02	0.00	0.01	0.01		5.11
150 16000	1.00	5.31	0.30	0.02 R	0.00	0.01	0.01 R		6.65
200 22000	1.34	6.60	0.40	0.03 R	0.00	0.01	0.02		8.40
250 30000	1.80	8.34	0.54	0.04 R	0.00	0.02	0.02 R		10.76
<u>LPSV</u>									
<u>Rate A</u>									
35 4800	0.39	1.14	0.11	0.01	0.00	0.00	0.00 R		1.65
55 8000	0.51	1.50	0.15	0.01	0.00	0.01	0.01		2.19
90 13500	0.83	2.48	0.25	0.02	0.00	0.01	0.01		3.60
135 22500	1.18	3.52	0.35	0.03	0.00	0.01	0.02		5.11
180 33000	1.35	4.01	0.40	0.03 R	0.00	0.02	0.02		5.83

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**SCHEDULE LS-2**

Sheet 3

**LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS**

**RATES (Continued)**

Description- LS-2	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Rate A Series Service</u>									
35 4800	0.29	1.09	0.09	0.01	0.00	0.00	0.00		1.48
55 8000	0.41	1.57	0.12	0.01	0.00	0.00	0.01		2.12
90 13500	0.75	2.83	0.22	0.02	0.00	0.01	0.01		3.84
135 22500	1.06	4.03	0.32	0.03	0.00	0.01	0.01	R	5.46
180 33000	1.26	4.77	0.37	0.03	0.00	0.01	0.02		6.46
<u>Incandescent Lamps</u>									
<u>Rate A (energy only)</u>									
1000	0.42	1.25	0.12	0.01	0.00	0.00	0.01		1.81
2500	0.93	2.77	0.28	0.02	0.00	0.01	0.01		4.02
4000	1.70	5.04	0.50	0.04	R 0.00	0.02	0.02	R	7.32
6000	2.33	6.92	0.69	0.06	0.00	0.03	0.03	R	10.06
10000	3.49	10.38	1.04	0.09	0.00	0.04	0.04	R	15.08
<u>Incandescent Lamps</u>									
<u>Rate B</u>									
6000	2.33	8.43	0.69	0.06	0.00	0.03	0.03	R	11.57
<u>Metal Halide - Rate A</u>									
100 8500	0.76	2.25	0.23	0.02	0.00	0.01	0.01		3.28
175 12000	1.19	3.54	0.35	0.03	0.00	0.01	0.02		5.14
250 18000	1.66	4.92	0.49	0.04	0.00	0.02	0.02		7.15
400 32000	2.55	7.58	0.76	R 0.06	R 0.00	0.03	0.03	R	11.01
<u>Rate B</u>									
100 8500	0.76	3.77	0.23	0.02	0.00	0.01	0.01		4.80
175 12000	1.19	5.05	0.35	0.03	0.00	0.01	0.02		6.65
250 18000	1.66	6.44	0.49	0.04	0.00	0.02	0.02		8.67
400 32000	2.55	9.10	0.76	0.06	R 0.00	0.03	0.03	R	12.53
<u>Induction</u>									
<u>Rate A - 5-Lamp</u>									
55 3500	1.58	4.70	0.47	0.04	0.00	0.02	0.02		6.83
85 6000	2.50	7.43	0.74	0.06	R 0.00	0.03	0.03	R	10.79
<u>Induction</u>									
<u>Rate A - 1-Lamp</u>									
40.....3440	0.23	0.68	0.07	0.01	0.00	0.00	0.00		0.99
50.....3495	0.29	0.85	0.09	0.01	0.00	0.00	0.00		1.24
55.....3500	0.32	0.94	0.09	0.01	0.00	0.00	0.00		1.36
70.....5075	0.40	1.20	0.12	0.01	0.00	0.00	0.01		1.74
80.....6528	0.46	1.37	0.14	0.01	0.00	0.01	0.01		2.00
85.....6000	0.49	1.45	0.15	0.01	0.00	0.01	0.01		2.12
100.....8800	0.57	1.71	0.17	0.01	R 0.00	0.01	0.01		2.48
150.....12800	0.86	2.56	0.26	0.02	0.00	0.01	0.01		3.72
165.....12000	0.95	2.82	0.28	0.02	R 0.00	0.01	0.01		4.09
200.....16800	1.15	3.42	0.34	0.03	0.00	0.01	0.01	R	4.96
250.....21040	1.44	4.27	0.43	0.04	0.00	0.02	0.02		6.22
300.....24480	1.72	5.12	0.51	0.04	R 0.00	0.02	0.02	R	7.43
400.....32640	2.30	6.83	0.68	0.06	0.00	0.03	0.03		9.93
<u>Non-Standard Lamp</u>									
Energy Charge \$/kWh	0.01656	0.04871	0.00493	0.00041	R 0.00000	0.00018	0.00021	R	0.07100

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**SCHEDULE LS-2**

Sheet 4

**LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS**

RATES (Continued)

Description- LS-2	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Light Emitting Diode</u>									
<u>Rate A</u>									
0 - 5	0.02	0.05							0.07
5.01 - 10	0.05	0.15	0.01						0.21
10.01 - 15	0.07	0.19	0.02						0.28
15.01 - 20	0.10	0.29	0.03						0.42
20.01 - 25	0.13	0.39	0.04						0.56
25.01 - 30	0.17	0.49	0.05						0.71
30.01 - 35	0.18	0.54	0.05						0.77
35.01 - 40	0.22	0.63	0.06	0.01					0.92
40.01 - 45	0.25	0.73	0.07	0.01					1.06
45.01 - 50	0.26	0.78	0.08	0.01					1.13
50.01 - 55	0.30	0.88	0.09	0.01					1.28
55.01 - 60	0.33	0.97	0.10	0.01			-	R	1.41
60.01 - 65	0.36	1.07	0.11	0.01			-	R	1.55
65.01 - 70	0.38	1.12	0.11	0.01			-	R	1.62
70.01 - 75	0.41	1.22	0.12	0.01			0.01		1.77
75.01 - 80	0.45	1.32	0.13	0.01			0.01		1.92
80.01 - 85	0.48	1.41	0.14	0.01		0.01	0.01		2.06
85.01 - 90	0.50	1.46	0.15	0.01		0.01	0.01		2.14
90.01 - 95	0.53	1.56	0.16	0.01		0.01	0.01		2.28
95.01 - 100	0.56	1.66	0.17	0.01		0.01	0.01		2.42
100.01 - 105	0.60	1.75	0.18	0.01	R	0.01	0.01		2.56
105.01 - 110	0.61	1.80	0.18	0.02		0.01	0.01		2.63
110.01 - 115	0.65	1.90	0.19	0.02		0.01	0.01		2.78
115.01 - 120	0.68	2.00	0.20	0.02		0.01	0.01		2.92
120.01 - 125	0.71	2.09	0.21	0.02		0.01	0.01		3.05
125.01 - 130	0.73	2.14	0.22	0.02		0.01	0.01		3.13
130.01 - 135	0.76	2.24	0.23	0.02		0.01	0.01		3.27
135.01 - 140	0.79	2.34	0.24	0.02		0.01	0.01		3.41
140.01 - 145	0.81	2.39	0.24	0.02		0.01	0.01		3.48
145.01 - 150	0.84	2.48	0.25	0.02		0.01	0.01		3.61
150.01 - 155	0.88	2.58	0.26	0.02		0.01	0.01		3.76
155.01 - 160	0.91	2.68	0.27	0.02		0.01	0.01		3.90
160.01 - 165	0.93	2.73	0.28	0.02		0.01	0.01		3.98
165.01 - 170	0.96	2.83	0.29	0.02	R	0.01	0.01		4.12
170.01 - 175	0.99	2.92	0.30	0.02	R	0.01	0.01	R	4.25
175.01 - 180	1.03	3.02	0.31	0.03		0.01	0.01	R	4.41
180.01 - 185	1.04	3.07	0.31	0.03		0.01	0.01	R	4.47
185.01 - 190	1.08	3.17	0.32	0.03		0.01	0.01	R	4.62
190.01 - 195	1.11	3.26	0.33	0.03		0.01	0.01	R	4.75
195.01 - 200	1.14	3.36	0.34	0.03		0.01	0.01	R	4.89
200.01 - 205	1.16	3.41	0.35	0.03		0.01	0.01	R	4.97
205.01 - 210	1.19	3.51	0.35	0.03		0.01	0.02		5.11
210.01 - 215	1.23	3.60	0.36	0.03		0.01	0.02		5.25

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**SCHEDULE LS-2**

Sheet 5

**LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS**

RATES (Continued)

Description- LS-2	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Light Emitting Diode</u>									
<u>Rate A</u>									
215.01 - 220	1.24	3.65	0.37	0.03		0.01	0.02		5.32
220.01 - 225	1.28	3.75	0.38	0.03		0.01	0.02		5.47
225.01 - 230	1.31	3.85	0.39	0.03		0.01	0.02		5.61
230.01 - 235	1.34	3.95	0.40	0.03	R	0.01	0.02		5.75
235.01 - 240	1.36	3.99	0.40	0.03	R	0.01	0.02		5.81
240.01 - 245	1.39	4.09	0.41	0.03	R	0.02	0.02		5.96
245.01 - 250	1.42	4.19	0.42	0.04		0.02	0.02		6.11
250.01 - 255	1.46	4.29	0.43	0.04		0.02	0.02		6.26
255.01 - 260	1.47	4.34	0.44	0.04		0.02	0.02		6.33
260.01 - 265	1.51	4.43	0.45	0.04		0.02	0.02		6.47
265.01 - 270	1.54	4.53	0.46	0.04		0.02	0.02		6.61
270.01 - 275	1.57	4.63	0.47	0.04		0.02	0.02		6.75
275.01 - 280	1.59	4.68	0.47	0.04		0.02	0.02		6.82
280.01 - 285	1.62	4.77	0.48	0.04		0.02	0.02		6.95
285.01 - 290	1.66	4.87	0.49	0.04		0.02	0.02	R	7.10
290.01 - 295	1.69	4.97	0.50	0.04		0.02	0.02	R	7.24
295.01 - 300	1.71	5.02	0.51	0.04	R	0.02	0.02	R	7.32
300.01 - 305	1.74	5.11	0.52	0.04	R	0.02	0.02	R	7.45
305.01 - 310	1.77	5.21	0.53	0.04	R	0.02	0.02	R	7.59
310.01 - 315	1.79	5.26	0.53	0.04	R	0.02	0.02	R	7.66
315.01 - 320	1.82	5.36	0.54	0.05		0.02	0.02	R	7.81
320.01 - 325	1.85	5.46	0.55	0.05		0.02	0.02	R	7.95
325.01 - 330	1.89	5.55	0.56	0.05		0.02	0.02	R	8.09
330.01 - 335	1.90	5.60	0.57	0.05		0.02	0.02	R	8.16
335.01 - 340	1.94	5.70	0.58	0.05		0.02	R 0.02	R	8.31
340.01 - 345	1.97	5.80	0.59	0.05		0.02	0.02	R	8.45
345.01 - 350	2.00	5.89	0.60	0.05		0.02	0.03		8.59
350.01 - 355	2.02	5.94	0.60	0.05		0.02	0.03		8.66
355.01 - 360	2.05	6.04	0.61	0.05		0.02	0.03		8.80
360.01 - 365	2.09	6.14	0.62	0.05	R	0.02	0.03		8.95
365.01 - 370	2.12	6.23	0.63	0.05	R	0.02	0.03		9.08
370.01 - 375	2.14	6.28	0.64	0.05	R	0.02	0.03		9.16
375.01 - 380	2.17	6.38	0.65	0.05	R	0.02	0.03		9.30
380.01 - 385	2.20	6.48	0.66	0.05	R	0.02	0.03		9.44
385.01 - 390	2.22	6.53	0.66	0.05	R	0.02	0.03		9.51
390.01 - 395	2.25	6.62	0.67	0.06		0.02	R 0.03		9.65
395.01 - 400	2.29	6.72	0.68	0.06		0.02	R 0.03		9.80

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00000 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00067 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00426 /kWh. The average lumen values are for informational purposes only and can vary by manufacturer and age of the facility.

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**SCHEDULE LS-3**

Sheet 1

LIGHTING-STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS

(Closed Schedule)

APPLICABILITY

Applicable to local, state or other governmental agencies for service for the lighting of streets, highways, and other public thoroughfares, and to corporate or governmental agencies for the lighting of non-dedicated streets alone or in conjunction with illuminated highway directional signs or aircraft warning obstruction lights, where the customer owns the entire installation, including underground lines from a central point of connection with utility facilities. This schedule is closed to new installations as of June 10, 1979.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description – LS-3	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Energy Charge (\$/kWh)	0.01656	0.04836	0.00493	0.00041	R	0.00018	0.00021	R	0.07065
Minimum Charge (\$/month)		7.58							7.58

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00000 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00067 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00426 /kWh.

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Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) the Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC (Electric Energy Commodity Cost) and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC component, as defined in Rule 1 – Definitions.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

(Continued)



**SCHEDULE OL-1**

Sheet 1

OUTDOOR AREA LIGHTING SERVICE

APPLICABILITY

Applicable to outdoor area lighting service for the illumination of areas where street and highway lighting services are not applicable and can be supplied from existing secondary overhead facilities of the utility of suitable phase and voltage. The utility will install, own, operate and maintain the complete lighting installation, excluding any customer-owned supports. This schedule is also applicable for utility-owned ornamental street lights under Special Condition 3.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description-OL-1	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total	
<b>HPSV</b>										
<u>Rate A</u>										
St.Light Luminaire										
Watts	Lumens									
100	9500	0.81	10.75	0.24	0.02	0.01	0.01		11.84	
150	16000	1.11	11.67	0.33	0.03	0.01	0.01 R		13.16	
250	30000	1.80	15.18	0.54	0.04 R	0.02	0.02 R		17.60	
400	50000	2.74	17.77	0.81	0.07	0.03	0.03 R		21.45	
1000	140000	6.33	29.72	1.89	0.16 R	0.07	0.08 R		38.25	
<u>Rate B</u>										
Directional Lumin.										
250	30000	1.80	15.98	0.54	0.04 R	0.02	0.02 R		18.40	
400	50000	2.74	18.94	0.81	0.07	0.03	0.03 R		22.62	
1000	140000	6.33	31.77	1.89	0.16 R	0.07	0.08 R		40.30	
<b>LPSV</b>										
<u>Rate A</u>										
St.Light Luminaire.										
55	8000	0.51	13.13	0.15	0.01	0.01	0.01		13.82	
90	13000	0.83	14.56	0.25	0.02	0.01	0.01		15.68	
135	22500	1.18	16.67	0.35	0.03	0.01	0.02		18.26	
180	33000	1.35	16.42	0.40	0.03 R	0.02	0.02		18.24	
<u>Poles</u>										
30 ft. wood pole		8.04								8.04
35 ft. wood pole		8.78								8.78

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00000 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00067 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00426 /kWh.

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**SCHEDULE OL-2**

Sheet 1

OUTDOOR AREA LIGHTING SERVICE METERED - CUSTOMER-OWNED INSTALLATIONS

APPLICABILITY

This is an optional schedule provided by the utility. Applicable to metered service of outdoor area lighting load for customer-owned facilities, controlled for dusk to dawn operation and used for the purpose of lighting sports and recreation areas and for safety and security lighting.

TERRITORY

Within the entire territory served by the Utility

RATES

Description – OL-2	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Energy Charge (\$/kWh)	0.01656	0.09378	0.00493	0.00041	R	0.00018	0.00021	R	0.11607
Basic Service Fee (\$/month)		11.47							11.47

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00000 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00067 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00426 /kWh.

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Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) the Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC (Electric Energy Commodity Cost) and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC component, as defined in Rule 1 – Definitions.

Minimum Charge

The minimum monthly charge shall be the sum of the Service Charges.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers

(Continued)



**SCHEDULE DWL**

Sheet 1

RESIDENTIAL WALKWAY LIGHTING

APPLICABILITY

Applicable to the lighting of walkways and similar common-interest areas of condominium, cooperative or other residential projects where each single-family accommodation is separately metered by the utility and the facilities can be installed in association with the utility's underground distribution system within the project.

TERRITORY

Within the entire territory served by the utility.

RATES

Description-DWL	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Facilities Charges</u>									
\$ of Util invest.		0.0120							0.0120
Energy & Lamp									
<u>Maintenance Charge</u>									
50 Watt HPSV	0.34	2.53	0.10	0.01			0.00	R	2.98
Minimum Charge		61.33							61.33

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00000 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00067 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00426 /kWh.

Minimum Bill

Rate components of the minimum charge, including charges associated with Schedule EECC (Electric Energy Commodity Cost), will be calculated based on average minimum bill usage.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) the Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC component, as defined in Rule 1 – Definitions.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

(Continued)





**SCHEDULE PA**  
Power - Agricultural

Sheet 1

APPLICABILITY

Applicable to customers whose monthly maximum demand does not exceed 500kW for three consecutive months for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. When demand metering is not available, consumption cannot equal or exceed 300,000 kWh per month for three (3) consecutive months.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00771) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the utility.  
DWR-BC charges do not apply to CARE or Medical Baseline customers.

RATES

Description - PA	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Basic Service Fee</u> (\$/month)									
<b>PA &lt; 20 kW</b>		18.23							18.23
<b>PA ≥ 20 kW</b>		21.87							21.87
<u>Energy Charges</u>									
Summer	0.00691 R	0.04500 I	0.01504 I	0.00041 R	0.00059 R	0.00027	0.00016 R		0.06838 R
Winter	0.00691 R	0.04500 I	0.01504 I	0.00041 R	0.00059 R	0.00027	0.00016 R		0.06838 R

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh and Non-low Income PPP rate (Non-LI-PPP) \$0.00046 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00749 /kWh.

Minimum Charge

The minimum monthly charge shall be the Basic Service Fee.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

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**SCHEDULE TOU-PA**

Sheet 1

**POWER - AGRICULTURAL TIME OF USE SERVICE**

**APPLICABILITY**

This Schedule is available to customers whose monthly maximum demand does not exceed 500kW for three consecutive months for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 11191, 11199, 11211, 11219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00771) per kWh, which will display as a separate line item per Schedule GHG-ARR

**TERRITORY**

Within the entire territory served by the utility.

**RATES**

Description - TOU-PA	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>TOU-PA &lt; 20 kW</b>									
<u>Basic Service Fee</u> (\$/month)		18.23							18.23
<u>Energy Charges</u>									
Summer									
On-Peak	0.00691 R	0.04500 I	0.01504 I	0.00041 R	0.00059 R	0.00027 R	0.00016 R		0.06838 R
Semi-Peak	0.00691 R	0.04500 I	0.01504 I	0.00041 R	0.00059 R	0.00027 R	0.00016 R		0.06838 R
Off-Peak	0.00691 R	0.04500 I	0.01504 I	0.00041 R	0.00059 R	0.00027 R	0.00016 R		0.06838 R
Winter									
On-Peak	0.00691 R	0.04500 I	0.01504 I	0.00041 R	0.00059 R	0.00027 R	0.00016 R		0.06838 R
Semi-Peak	0.00691 R	0.04500 I	0.01504 I	0.00041 R	0.00059 R	0.00027 R	0.00016 R		0.06838 R
Off-Peak	0.00691 R	0.04500 I	0.01504 I	0.00041 R	0.00059 R	0.00027 R	0.00016 R		0.06838 R
<b>TOU-PA ≥ 20 kW</b>									
<u>Basic Service Fee</u> (\$/month)		21.87							21.87
<u>Energy Charges</u>									
Summer									
On-Peak	0.00691 R	0.04500 I	0.01504 I	0.00041 R	0.00059 R	0.00027 R	0.00016 R		0.06838 R
Semi-Peak	0.00691 R	0.04500 I	0.01504 I	0.00041 R	0.00059 R	0.00027 R	0.00016 R		0.06838 R
Off-Peak	0.00691 R	0.04500 I	0.01504 I	0.00041 R	0.00059 R	0.00027 R	0.00016 R		0.06838 R
Winter									
On-Peak	0.00691 R	0.04500 I	0.01504 I	0.00041 R	0.00059 R	0.00027 R	0.00016 R		0.06838 R
Semi-Peak	0.00691 R	0.04500 I	0.01504 I	0.00041 R	0.00059 R	0.00027 R	0.00016 R		0.06838 R
Off-Peak	0.00691 R	0.04500 I	0.01504 I	0.00041 R	0.00059 R	0.00027 R	0.00016 R		0.06838 R

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 per kWh and Non-low Income PPP rate (Non-LI-PPP) \$0.00046 per kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00749 per kWh.

(Continued)

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**SCHEDULE PA-T-1**

Sheet 1

EXPERIMENTAL POWER - AGRICULTURAL - OPTIONAL TIME-OF-USE

APPLICABILITY

This is an optional schedule provided by the utility, on an experimental basis, for the purpose of evaluating time varying rates. Available to agricultural and water pumping customers whose maximum monthly demand is expected to be above 500 kw and who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is also available to those agricultural and water pumping customers whose maximum demand is less than 500 kw who are installing or have installed facilities or procedures to reduce their annual on-peak energy consumption by 1,500 kWhrs and are also classified by the above NAICS Codes. Service under this schedule is subject to meter availability.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00818) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY Within the entire territory served by the Utility.

RATES

Description – PA-T-1	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Basic Service Fees</u>		65.93							65.93
<u>Time-Of-Use (TOU) Demand</u>									
Secondary		10.29							10.29
Primary		10.23							10.23
Transmission		0.00							0.00
<u>Non-Coincident Demand (\$/kW)</u>									
Secondary	4.89	0.00					0.02		4.91
Primary	4.73	0.00					0.02		4.75
Transmission	0.00	0.00					0.02		0.02
<u>Demand On-Peak Summer</u>									
<u>Option C</u>									
Secondary		0.00			0.00				0.00
Primary		0.00			0.00				0.00
Transmission		0.00			0.00				0.00
<u>Option D</u>									
Secondary									
Primary									
Transmission									0.00
<u>Option E</u>									
Secondary		0.00			0.00				0.00
Primary		0.00			0.00				0.00
Transmission		0.00			0.00				0.00
<u>Option F</u>									
Secondary		0.00			0.00				0.00
Primary		0.00			0.00				0.00
Transmission		0.00			0.00				0.00
<u>Demand On-Peak Winter</u>									
<u>Option C</u>									
Secondary		0.00			0.00				0.00
Primary		0.00			0.00				0.00
Transmission									

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**SCHEDULE PA-T-1**

Sheet 2

**EXPERIMENTAL POWER - AGRICULTURAL - OPTIONAL TIME-OF-USE**

RATES (Continued)

Description – PA-T-1	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Option D</u>									
Secondary		0.00			0.00				0.00
Primary		0.00			0.00				0.00
Transmission		0.00			0.00				0.00
<u>Option E</u>									
Secondary		0.00			0.00				0.00
Primary		0.00			0.00				0.00
Transmission		0.00			0.00				0.00
<u>Option F</u>									
Secondary		0.00			0.00				0.00
Primary		0.00			0.00				0.00
Transmission		0.00			0.00				0.00
<u>Demand Semi-Peak</u>									
Secondary	0.00	R 0.00			0.00		0.00	R	0.00 R
Primary	0.00	R 0.00			0.00		0.00	R	0.00 R
Transmission	0.00	R 0.00			0.00		0.00	R	0.00 R
<u>On-Peak Energy: Summer</u>									
Secondary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
Primary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
Transmission	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
<u>Semi-Peak Energy: Summer</u>									
Secondary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
Primary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
Transmission	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
<u>Off-Peak Energy: Summer</u>									
Secondary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
Primary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
Transmission	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
<u>On-Peak Energy: Winter</u>									
Secondary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
Primary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
Transmission	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
<u>Semi-Peak Energy: Winter</u>									
Secondary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
Primary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
Transmission	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
<u>Off-Peak Energy: Winter</u>									
Secondary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
Primary	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R
Transmission	(0.01419)	R 0.00280	I 0.01219	I 0.00041	R 0.00059	R 0.00023	0.00005	R	0.00208 R

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00709 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00033 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00477 /kWh.

Minimum Charge

The minimum charge shall be the Basic Service Fee.

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**SCHEDULE S**  
**STANDBY SERVICE**

Sheet 1

APPLICABILITY

Applicable for service to any customer with an electric generator that is operated in parallel with the Utility. If another Rate Schedule provides for applicable service to the customer as an option, then this Rate Schedule will become an option to that customer. The service provided on this Rate Schedule is standby or breakdown service where all or part of the customer's electrical requirements are supplied by a generation source, other than the Utility, which is located on the customer's premises. This schedule is not applicable to customers who have chosen, in the generation agreement, to sell power to the Utility on a simultaneous purchase and sale basis.

Solar Customers who are taking service under the Utility's Net Energy Metering tariff are exempt from standby charges. In addition, Solar Customers which are less than or equal to one megawatt to serve load and who do not sell power or make more than incidental export of power into the Utility's power grid are also exempt from standby charges. Non solar customers taking service under one of SDG&E's Net Energy Metering schedules may be exempt from standby charges pursuant to PU Code Section 2827.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description - S	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Contract Demand (\$/kW)</u>									
Secondary	5.85	8.12					0.03		14.00
Primary	5.65	8.08					0.03		13.76
Secondary Substation	5.85						0.03		5.88
Primary Substation	5.65						0.03		5.68
Transmission	5.59						0.03		5.62

Regular Schedule Charges (to be added to Standby Charge):  
The charges as determined under the regularly filed schedule applicable to the service rendered.

Minimum Charge

The monthly minimum charge shall be the standby charge plus the minimum charge provisions of the regularly filed schedule applicable to the service rendered.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) The Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC (Electric Energy Commodity Cost).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1 – Definitions.

(Continued)



**SCHEDULE DWR-BC**

Sheet 1

DEPARTMENT OF WATER RESOURCES BOND CHARGE

APPLICABILITY

This schedule is applicable to all 1) electric commodity customers, 2) direct access customers who are responsible for the Direct Access Cost Responsibility Surcharge shown on Schedule DA-CRS, 3) customers participating in Community Choice Aggregation as set forth on Schedule CCA and 4) customer generation departing load customers as set forth on Schedule CGDL-CRS. Customers receiving discounts under the California Alternate Rates for Energy (CARE) Program and customers receiving a medical baseline allowance are also exempt from this charge. The rate on this schedule is to be added to the rates from the customer's otherwise applicable schedule(s).

TERRITORY

Within the entire territory served by the Utility.

RATES

Pursuant to Commission Decision (D.) 02-10-063 (as modified by D.02-11-022 and D.02-12-082), D.03-04-030 and D.12-11-040), the Utility is required to impose this charge on its electric commodity customers, non-continuous direct access customers, and certain customer generation departing load customers to repay the California Department of Water Resources (DWR) for bond-related costs. The DWR issued bonds to repay its debt associated with purchasing power on behalf of California energy consumers.

Energy rate, \$/kWh ..... 0.00526

Municipal Surcharge: Amounts calculated under this Schedule are subject to a municipal surcharge as provided in Sections 6350 through 6354.1 of the Public Utilities Code.

SPECIAL CONDITIONS

1. Definitions. The Definitions of principal terms used in this schedule are found either herein or in Rule 1, Definitions.
2. Customer Generation Departing Load: The bond charge obligation for customer generation departing load will be based on metered consumption. If reliable metered consumption information is not made available to the utility, the utility will estimate the consumption based on that customer's historical load at the time the customer discontinues or reduces retail services with the utility.

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**SCHEDULE UM**

Sheet 1

UNMETERED ELECTRIC SERVICE

APPLICABILITY

Applicable to unmetered service of industries that require single-phase bundled electric service to operate devices that may be mounted on existing Utility facilities, or other facilities approved by the Utility and are unmetered. Where the Utility determines it is impractical to provide single-phase service under this Schedule, three-phase service will be provided. Customers must execute a contract with the Utility for service under this Schedule, and must execute a Pole Attachment Agreement when devices are attached to Utility-owned facilities.

TERRITORY

Within the entire territory served.

RATES

Description	Transm	Distr	PPP	ND	CTC	LGC	RS	DWR BC	UDC Total	EECC + DWR Credit	Total Rate \$/Month	
Basic Service Fee (\$/mo/device)			\$6.01									
<b>Fixed Energy Charge - \$/Device/Month</b>												
Tier	kWh/Month/Device											
1	0-50	1.42	4.34	0.79	0.02	0.06	R 0.01	0.01	0.26	6.65	4.91	R 11.82
2	51-100	2.84	8.69	1.58	0.04	0.11	R 0.03	0.03	0.53	13.32	9.82	R 23.67
3	101-150	4.26	13.03	2.37	0.06	R 0.17	R 0.04	0.04	0.79	19.97	14.73	R 35.49
4	151-200	5.67	17.38	3.16	0.08	R 0.22	R 0.05	0.05	R 1.05	26.61	19.64	R 47.30
5	201-250	7.09	21.72	3.95	0.10	R 0.28	R 0.07	0.07	1.32	33.28	24.55	R 59.15
6	251-300	8.51	26.07	4.74	0.12	R 0.33	R 0.08	0.08	R 1.58	39.93	29.46	R 70.97
7	301-350	9.93	30.41	5.53	0.14	R 0.39	R 0.09	0.09	R 1.84	46.58	34.37	R 82.79
8	351-400	11.35	34.76	6.32	0.16	R 0.44	R 0.11	0.11	R 2.10	53.25	39.27	R 94.62
9	401-450	12.77	39.10	7.11	0.18	R 0.50	R 0.12	0.12	R 2.37	59.90	44.18	R 106.45
10	451-500	14.19	43.45	7.91	0.21	R 0.55	R 0.14	0.14	R 2.63	66.59	49.09	R 118.31
11	501-900	25.53	78.20	14.23	0.37	R 0.99	R 0.24	0.24	R 4.73	119.80	88.38	R 212.91
12	901-1350	38.30	117.30	21.34	0.55	R 1.49	R 0.36	0.36	R 7.10	179.70	132.56	R 319.36
13	1351-1800	51.07	156.40	28.46	0.74	R 1.98	R 0.49	0.49	R 9.47	239.63	176.75	R 425.85
14	1801-2250	63.83	195.50	35.57	0.92	R 2.48	R 0.61	0.61	R 11.84	299.52	220.94	R 532.30
15	2251-2700	76.60	234.60	42.69	1.11	R 2.97	R 0.73	0.73	R 14.20	359.43	265.13	R 638.76

Notes: Transmission Energy Charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00060) per kWh, and Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01359) per kWh. PPP rate is composed of Low Income PPP rate of \$0.00709 /kWh; the Non-low Income PPP rate of \$0.00061 /kWh, Procurement Energy Efficiency Surcharge rate of \$0.00811 /kWh and the EECC Rate includes a DWR Credit rate of \$(0.00239) per kWh.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Transm) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), (8) Total Rate Adjustment Component (TRAC), and (9) Department of Water Resources Bond Charge (DWR-BC). The customer's total bill will reflect the UDC Total, the Electric Energy Commodity Cost (EECC), applicable taxes and/or franchise fees, in addition to the Basic Service Fee and applicable audit cost fees.

(Continued)

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**SCHEDULE EECC**

Sheet 1

ELECTRIC ENERGY COMMODITY COST

APPLICABILITY

Applicable to all customers who receive UDC bundled service. Time of Use periods are as defined in the corresponding UDC rate schedules.

TERRITORY

Applicable throughout the territory served by the Utility.

RATES

This schedule has two purposes: (1) billing UDC Bundled Service customers for commodity energy, which consists of Utility supplied electricity sold by SDG&E to its customers and Department of Water Resources (DWR) supplied electricity sold by DWR to SDG&E customers with SDG&E acting as billing agent; and (2) developing DWR and Utility Supplied Energy Percentage. The rate tables show EECC fixed billing rates for all retail rate schedules. The commodity rates do not include the DWR Bond Charge applicable under Schedule DWR-BC.

Commodity Rates

<u>Schedules DR, DM, DS, DT, DT-RV</u>	<u>(\$/kWh)</u>	
Summer		
Baseline	0.14155	R
101% - 130% of Baseline	0.14155	R
131% - 200% of Baseline	0.14155	R
Above 200% of Baseline	0.14155	R
Winter		
Baseline	0.07226	R
101% - 130% of Baseline	0.07226	R
131% - 200% of Baseline	0.07226	R
Above 200% of Baseline	0.07226	R
<u>Schedules DR-LI, and medical baseline customers</u>		
Summer		
Baseline	0.14155	R
101% to 130% of Baseline	0.14155	R
131% to 200% of Baseline	0.14155	R
Above 200% of Baseline	0.14155	R
Winter		
Baseline	0.07226	R
101% to 130% of Baseline	0.07226	R
131% to 200% of Baseline	0.07226	R
Above 200% of Baseline	0.07226	R

(Continued)





**SCHEDULE EECC**

Sheet 2

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

<u>Schedules E-LI (Non-residential rate schedule)</u>	<u>(\$/kWh)</u>	
Summer	0.04980	I
Winter	0.04137	I
<u>Schedules DR-TOU, DR-TOU-CARE, DR-TOU-MB</u>		
Summer		
On-Peak: Baseline	0.36070	R
On-Peak: 101% to 130% of Baseline	0.36070	R
On-Peak: 131% - 200% of Baseline	0.36070	R
On-Peak: Above 200% of Baseline	0.36070	R
Off-Peak: Baseline	0.08896	R
Off-Peak: 101% to 130% of Baseline	0.08896	R
Off-Peak: 131% to 200% of Baseline	0.08896	R
Off-Peak: Above 200% of Baseline	0.08896	R
Winter		
On-Peak: Baseline	0.09207	R
On-Peak: 101% to 130% of Baseline	0.09207	R
On-Peak: 131% to 200% of Baseline	0.09207	R
On-Peak: Above 200% of Baseline	0.09207	R
Off-Peak: Baseline	0.07705	R
Off-Peak: 101% - 130% of Baseline	0.07705	R
Off-Peak: 131% - 200% of Baseline	0.07705	R
Off-Peak: Above 200% of Baseline	0.07705	R
<u>Schedule DR-SES</u>		
Summer: On-Peak	0.36008	R
Summer: Semi-Peak	0.10414	R
Summer: Off-Peak	0.08018	R
Winter: Semi-Peak	0.08920	R
Winter: Off-Peak	0.07467	R
<u>Schedule EV-TOU</u>		
Summer		
On-Peak	0.35264	R
Off-Peak	0.09325	R
Super Off-Peak	0.04672	R
Winter		
On-Peak	0.09166	R
Off-Peak	0.08067	R
Super Off-Peak	0.05876	R
<u>Schedule EV-TOU 2</u>		
Summer		
On-Peak	0.35354	R
Off-Peak	0.09638	R
Super Off-Peak	0.04670	R
Winter		
On-Peak	0.08800	R
Off-Peak	0.08377	R
Super Off-Peak	0.05873	R

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**SCHEDULE EECC**

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

<u>Schedule A</u>	<u>(\$/kWh)</u>	
Summer		
Secondary	0.14006	R
Primary	0.13971	R
Winter		
Secondary	0.07239	R
Primary	0.07210	R
<u>Schedule A-TC</u>		
Summer	0.07539	R
Winter	0.07539	R
<u>Schedule A-TOU</u>		
Summer		
On-Peak	0.34030	R
Semi-Peak	0.14876	R
Off-Peak	0.12478	R
Winter		
On-Peak	0.09590	R
Semi-Peak	0.08183	R
Off-Peak	0.06244	R
<u>Schedule OL-TOU</u>		
Summer		
On-Peak	0.34030	R
Semi-Peak	0.14876	R
Off-Peak	0.12478	R
Winter		
On-Peak	0.09590	R
Semi-Peak	0.08183	R
Off-Peak	0.06244	R
<u>Schedule AD</u>		
Maximum Demand - Summer		
Secondary	10.00	R
Primary	9.94	R
Maximum Demand - Winter		
Secondary	0.00	
Primary	0.00	
<u>Energy</u>		
Summer		
Secondary	0.09241	R
Primary	0.09202	R
Winter		
Secondary	0.08214	R
Primary	0.08182	R
<u>Schedule TOU-A</u>		
On-Peak Energy :Summer		
Secondary	0.18249	R
Primary	0.18154	R
Semi-Peak Energy: Summer		
Secondary	0.14006	R
Primary	0.13940	R
Off-Peak: Summer		
Secondary	0.10060	R
Primary	0.10024	R

(Continued)



**SCHEDULE EECC**

Sheet 4

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

<u>Schedule TOU-A (Continued)</u>	<u>(\$/kWh)</u>	
On-Peak Energy: Winter		
Secondary	0.09773	R
Primary	0.09725	R
Semi-Peak Energy: Winter		
Secondary	0.08364	R
Primary	0.08327	R
Off-Peak: Winter		
Secondary	0.06411	R
Primary	0.06389	R
<u>Schedule AL-TOU</u>	<u>(\$/kW)</u>	
Maximum On-Peak Demand: Summer		
Secondary	10.75	R
Primary	10.69	R
Secondary Substation	10.75	R
Primary Substation	10.69	R
Transmission	10.22	R
Maximum On-Peak Demand: Winter		
Secondary		
Primary		
Secondary Substation		
Primary Substation		
Transmission		
On-Peak Energy: Summer	<u>(\$/kWh)</u>	
Secondary	0.11637	R
Primary	0.11577	R
Secondary Substation	0.11637	R
Primary Substation	0.11577	R
Transmission	0.11068	R
Semi-Peak Energy: Summer		
Secondary	0.10676	R
Primary	0.10626	R
Secondary Substation	0.10676	R
Primary Substation	0.10626	R
Transmission	0.10176	R
Off-Peak Energy: Summer		
Secondary	0.07933	R
Primary	0.07904	R
Secondary Substation	0.07933	R
Primary Substation	0.07904	R
Transmission	0.07584	R
On-Peak Energy: Winter		
Secondary	0.10882	R
Primary	0.10829	R
Secondary Substation	0.10882	R
Primary Substation	0.10829	R
Transmission	0.10363	R

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Sheet 5

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

<u>Schedule AL-TOU (Continued)</u>	<u>(\$/kWh)</u>	
<u>Semi-Peak Energy: Winter</u>		
Secondary	0.09285	R
Primary	0.09244	R
Secondary Substation	0.09285	R
Primary Substation	0.09244	R
Transmission	0.08860	R
<u>Off-Peak Energy: Winter</u>		
Secondary	0.07085	R
Primary	0.07061	R
Secondary Substation	0.07085	R
Primary Substation	0.07061	R
Transmission	0.06776	R
<u>Schedule DG-R</u>		
<u>On-Peak Energy: Summer</u>		
Secondary	0.32499	R
Primary	0.32439	R
Secondary Substation	0.32499	R
Primary Substation	0.32439	R
Transmission	0.31929	R
<u>Semi-Peak Energy: Summer</u>		
Secondary	0.16311	R
Primary	0.16261	R
Secondary Substation	0.16311	R
Primary Substation	0.16261	R
Transmission	0.15811	R
<u>Off-Peak Energy: Summer</u>		
Secondary	0.13568	R
Primary	0.13539	R
Secondary Substation	0.13568	R
Primary Substation	0.13539	R
Transmission	0.13219	R
<u>On-Peak Energy: Winter</u>		
Secondary	0.10882	R
Primary	0.10829	R
Secondary Substation	0.10882	R
Primary Substation	0.10829	R
Transmission	0.10363	R

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**SCHEDULE EECC**

Sheet 6

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

<u>Schedule DG-R (Continued)</u>	<u>(\$/kWh)</u>	
Semi-Peak Energy: Winter		
Secondary	0.09285	R
Primary	0.09244	R
Secondary Substation	0.09285	R
Primary Substation	0.09244	R
Transmission	0.08860	R
Off-Peak Energy: Winter		
Secondary	0.07085	R
Primary	0.07061	R
Secondary Substation	0.07085	R
Primary Substation	0.07061	R
Transmission	0.06776	R
<u>Schedule AY-TOU</u>		
Maximum On-Peak Demand: Summer		
Secondary	10.75	R
Primary	10.69	R
Transmission	10.22	R
Maximum On-Peak Demand: Winter		
Secondary		
Primary		
Transmission		
On-Peak Energy: Summer		
Secondary	0.11637	R
Primary	0.11577	R
Transmission	0.11068	R
Semi-Peak Energy: Summer		
Secondary	0.10676	R
Primary	0.10626	R
Transmission	0.10176	R
Off-Peak Energy: Summer		
Secondary	0.07933	R
Primary	0.07904	R
Transmission	0.07584	R
On-Peak Energy: Winter		
Secondary	0.10882	R
Primary	0.10829	R
Transmission	0.10363	R
Semi-Peak Energy: Winter		
Secondary	0.09285	R
Primary	0.09244	R
Transmission	0.08860	R
Off-Peak Energy: Winter		
Secondary	0.07085	R
Primary	0.07061	R
Transmission	0.06776	R

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**SCHEDULE EECC**

Sheet 7

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

<u>Schedule A6-TOU</u>	<u>(\$/kW)</u>	
Maximum Demand at Time of System Peak: Summer		
Primary	10.69	R
Primary Substation	10.69	R
Transmission	10.22	R
Maximum Demand at Time of System Peak: Winter		
Primary		
Primary Substation		
Transmission		
On-Peak Energy: Summer		
Primary	0.11577	R
Primary Substation	0.11577	R
Transmission	0.11068	R
Semi-Peak Energy: Summer		
Primary	0.10626	R
Primary Substation	0.10626	R
Transmission	0.10176	R
Off-Peak Energy: Summer		
Primary	0.07904	R
Primary Substation	0.07904	R
Transmission	0.07584	R
On-Peak Energy: Winter		
Primary	0.10829	R
Primary Substation	0.10829	R
Transmission	0.10363	R
Semi-Peak Energy: Winter		
Primary	0.09244	R
Primary Substation	0.09244	R
Transmission	0.08860	R
Off-Peak Energy: Winter		
Primary	0.07061	R
Primary Substation	0.07061	R
Transmission	0.06776	R

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**SCHEDULE EECC**

Sheet 8

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

Schedule PA-T-1

Demand: On-Peak Summer

**(\$/kW)**

Option C

Secondary	6.13	R
Primary	6.10	R
Transmission	5.83	R

Option D

Secondary	6.13	R
Primary	6.10	R
Transmission	5.83	R

Option E

Secondary	6.13	R
Primary	6.10	R
Transmission	5.83	R

Option F

Secondary	6.13	R
Primary	6.10	R
Transmission	5.83	R

Demand: On-Peak: Winter

Option C

Secondary		
Primary		
Transmission		

Option D

Secondary		
Primary		
Transmission		

Option E

Secondary		
Primary		
Transmission		

Option F

Secondary		
Primary		
Transmission		

On Peak Energy: Summer

Secondary	0.10956	R
Primary	0.10899	R
Transmission	0.10419	R

Semi-Peak Energy: Summer

Secondary	0.10361	R
Primary	0.10313	R
Transmission	0.09876	R

Off-Peak Energy: Summer

Secondary	0.07235	R
Primary	0.07210	R
Transmission	0.06917	R

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**SCHEDULE EECC**

Sheet 9

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

<u>Schedule PA-T-1 (Continued)</u>	<u>(\$/kWh)</u>	
On-Peak Energy: Winter		
Secondary	0.10244	R
Primary	0.10194	R
Transmission	0.09756	R
Semi-Peak Energy: Winter		
Secondary	0.08741	R
Primary	0.08702	R
Transmission	0.08341	R
Off-Peak Energy: Winter		
Secondary	0.06670	R
Primary	0.06647	R
Transmission	0.06379	R
<u>Schedule TOU-PA</u>		
< 20 kW		
Summer		
On-Peak Energy	0.21100	R
Semi-Peak Energy	0.16508	R
Off-Peak Energy	0.11631	R
Winter		
On-Peak Energy	0.07060	R
Semi-Peak Energy	0.06042	R
Off-Peak Energy	0.04631	R
≥ 20 kW		
On-Peak Demand Charge: Summer	4.04	R
On-Peak Demand Charge: Winter		
Summer		
On-Peak Energy	0.18188	R
Semi-Peak Energy	0.14230	R
Off-Peak Energy	0.10026	R
Winter		
On-Peak Energy	0.08374	R
Semi-Peak Energy	0.07167	R
Off-Peak Energy	0.05493	R
<u>Schedule PA</u>		
Summer	0.11526	R
Winter	0.07732	R
<u>Schedules LS-1, LS-2, LS-3, OL-1, and DWL</u>		
All Usage	0.06776	R
<u>Schedule OL-2</u>		
All Usage	0.08763	R

DWR Power Charge

Pursuant to CPUC Decision 14-12-002, DWR's Power Charge is 0.000 cents per kWh.

DWR Customer Return Credit

Pursuant to CPUC Decision 13-01-037 and Decision 14-12-002, DWR's Customer Return Credit is \$(0.00239) cents per kWh.

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**SCHEDULE EECC-TOU-A-P**

Sheet 1

ELECTRIC COMMODITY COST  
TIME OF USE PLUS

APPLICABILITY

This tariff provides commercial customers with the opportunity to manage their electric costs by either reducing load during high cost pricing periods defined as a Reduce Your Use (RYU) Event Day, or shifting load from high cost pricing periods to lower cost pricing periods. This Schedule is not applicable to residential customers.

This Schedule is optionally available to general service including lighting, heating, and power, or any combination thereof, including common use and whose facility is separately metered. In order for this Schedule to take effect, the customer must have a smart meter installed, tested, and verified according to Utility procedures. This Schedule is not applicable to any customer whose Maximum Monthly Demand equals, exceeds, or is expected to equal or exceed 20 kW for 12 consecutive months. Customers taking service under this Schedule will need to switch their Utility Distribution Company (UDC) service to Schedule TOU-A. This Schedule is not applicable to Direct Access (DA), Transitional Bundled Service (TBS) or Community Choice Aggregation (CCA) customers.

Non-profit group living facilities taking service under this Schedule may be eligible for a 20% California Alternate Rates for Energy (CARE) discount on their bill, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE.

Agricultural Employee Housing Facilities, as defined in Schedule E-CARE, may qualify for a 20% CARE discount on the bill if all eligibility criteria set forth in Form 142-4032 or Form 142-4035 is met.

TERRITORY

Within the entire territory served by the Utility.

RATES

RYU Event Period Adder	(\$/kWh)	
Secondary	1.17	
Primary	1.16	
<u>TOU Energy Charges</u>		
<u>On-Peak – Summer</u>		
Secondary	0.14292	R
Primary	0.14218	R
<u>Semi-Peak – Summer</u>		
Secondary	0.11181	R
Primary	0.11129	R
<u>Off-Peak – Summer</u>		
Secondary	0.07878	R
Primary	0.07850	R
<u>On-Peak – Winter</u>		
Secondary	0.09773	R
Primary	0.09725	R
<u>Semi-Peak – Winter</u>		
Secondary	0.08364	R
Primary	0.08327	R
<u>Off-Peak – Winter</u>		
Secondary	0.06411	R
Primary	0.06389	R

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**SCHEDULE EECC-TOU-PA-P**  
**ELECTRIC COMMODITY COST**  
**AGRICULTURAL TIME OF USE PLUS**

Sheet 1

APPLICABILITY

This optional tariff provides agricultural and water pumping customers with the opportunity to manage their electric costs by either reducing load during high cost pricing periods defined as a Reduce Your Use (RYU) Event Day, or shifting load from high cost pricing periods to lower cost pricing periods.

This Schedule is optionally available to customers whose monthly maximum demand does not exceed 20kW for more than three months during a twelve month period for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 22131, or 22132.

In order for this Schedule to take effect, the customer must have a smart meter installed, tested, and verified according to Utility procedures. Customers taking service under this Schedule will need to switch their Utility Distribution Company (UDC) service to Schedule TOU-PA. This schedule is not applicable to Direct Access (DA), Transitional Bundled Service (TBS) or Community Choice Aggregation (CCA) customers.

TERRITORY

Within the entire territory served by the Utility.

RATES

	<u>(\$/kWh)</u>	
RYU Event Period Adder	1.89967	R
<u>TOU Energy Charges</u>		
<u>Summer</u>		
On Peak	0.16966	R
Semi-Peak	0.13274	R
Off-Peak	0.09353	R
<u>Winter</u>		
On-Peak	0.07121	R
Semi-Peak	0.06094	R
Off-Peak	0.04671	R

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**SCHEDULE EECC-CPP-D**  
**ELECTRIC COMMODITY COST**  
**CRITICAL PEAK PRICING DEFAULT**

Sheet 1

APPLICABILITY

Critical Peak Pricing Default (CPP-D) is a commodity tariff that provides customers with an opportunity to manage their electric costs by either reducing load during high cost pricing periods or shifting load from high cost pricing periods to lower cost pricing periods. Except as set forth below, this schedule is the default commodity rate for customers currently receiving bundled utility service whose maximum demand is equal to or exceeds or is expected to equal or exceed 20 kW for twelve consecutive months and whose facility is equipped with the Appropriate Electric Metering, as described below in Special Condition (SC) 19. Subject to the availability of Appropriate Electric Metering and notwithstanding the terms and conditions contained herein, this schedule shall be optionally available to all non-residential customers requesting such service. Customers taking service under this schedule will continue to be subject to the terms and provisions of their otherwise applicable UDC tariff, unless superseded by conditions herein. Pursuant to the specific requirements set forth below, customers can opt-out from receiving service under this schedule and receive service under a different applicable commodity rate. This schedule is not applicable to Direct Access (DA) or Community Choice Aggregation (CCA) customers.

A maximum of eighteen (18) CPP Events can be triggered on any day of the week, year round.

TERRITORY

Applicable throughout the entire territory served by the Utility.

RATES

Customers receiving service under this schedule shall be provided with Bill Protection for the first twelve months of service from the default date as described in Special Condition 8.

(\$/kWh)

CPP Event Day Adder

Secondary	1.34641	R
Primary	1.33946	R
Secondary Substation	1.34641	R
Primary Substation	1.33946	R
Transmission	1.28046	R

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**SCHEDULE EECC-CPP-D**  
**ELECTRIC COMMODITY COST**  
**CRITICAL PEAK PRICING DEFAULT**

Sheet 2

RATES (Continued)

(\$/kWh)

**Summer**

On-Peak Energy		
Secondary	0.11882	R
Primary	0.11821	R
Secondary Substation	0.11882	R
Primary Substation	0.11821	R
Transmission	0.11300	R
Semi-Peak Energy		
Secondary	0.10901	R
Primary	0.10850	R
Secondary Substation	0.10901	R
Primary Substation	0.10850	R
Transmission	0.10390	R
Off-Peak Energy		
Secondary	0.07799	R
Primary	0.07771	R
Secondary Substation	0.07799	R
Primary Substation	0.07771	R
Transmission	0.07456	R

**Winter**

On-Peak Energy		
Secondary	0.10699	R
Primary	0.10646	R
Secondary Substation	0.10699	R
Primary Substation	0.10646	R
Transmission	0.10189	R
Semi-Peak Energy		
Secondary	0.09128	R
Primary	0.09088	R
Secondary Substation	0.09128	R
Primary Substation	0.09088	R
Transmission	0.08711	R
Off-Peak Energy		
Secondary	0.06966	R
Primary	0.06942	R
Secondary Substation	0.06966	R
Primary Substation	0.06942	R
Transmission	0.06662	R

**Capacity Reservation Charge (\$/kW per Month)**

Secondary	6.04	R
Primary	6.01	R
Secondary Substation	6.04	R
Primary Substation	6.01	R
Transmission	5.75	R

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**SCHEDULE EECC-CPP-D-AG**

Sheet 1

ELECTRIC COMMODITY COST  
CRITICAL PEAK PRICING DEFAULT AGRICULTURAL

APPLICABILITY

Critical Peak Pricing Default Agricultural (CPP-D-AG) is a commodity tariff that provides agricultural customers with an opportunity to manage their electric costs by either reducing load during high cost pricing periods or shifting load from high cost pricing periods to lower cost pricing periods. Except as set forth below, this schedule is the default commodity rate for customers currently receiving bundled utility service on either the Schedule PA, Power – Agricultural or Schedule PA-T-1, Experimental Power – Agricultural – Optional Time-Of-Use whose maximum demand is equal to or exceeds or is expected to equal or exceed 20 kW for twelve consecutive months and whose facility is equipped with the Appropriate Electric Metering, as described below in Special Condition (SC) 19. Customers must have Appropriate Electric Metering to take service under this schedule, and will continue to be subject to the terms and provisions of their otherwise applicable UDC tariff, unless superseded by conditions herein. Pursuant to the specific requirements set forth below, customers can opt-out from receiving service under this schedule and receive service under a different applicable commodity rate. This schedule is not applicable to Direct Access (DA) or Community Choice Aggregation (CCA) customers.

A maximum of eighteen (18) CPP Events can be triggered on any day of the week, year round.

TERRITORY

Applicable throughout the entire territory served by the Utility.

RATES

Customers receiving service under this schedule shall be provided with Bill Protection for the first twelve months of service from the default date as described in Special Condition 8.

	<u>(\$/kWh)</u>	
<b>Schedule PA</b>		
<b>CPP Event Day Adder</b>	0.88881	R
<b>Summer</b>		
On-Peak Energy	0.18354	R
Semi-Peak Energy	0.14360	R
Off-Peak Energy	0.10118	R
<b>Winter</b>		
On-Peak Energy	0.08448	R
Semi-Peak Energy	0.07230	R
Off-Peak Energy	0.05541	R
<b><u>(\$/kW per Month)</u></b>		
<b>Capacity Reservation Charge</b>	2.31	R

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**SCHEDULE EECC-CPP-D-AG**

Sheet 2

**ELECTRIC COMMODITY COST  
CRITICAL PEAK PRICING DEFAULT AGRICULTURAL**

RATES (Continued)

<b>Schedule PA-T-1</b>	<b>(\$/kWh)</b>	
<b>CPP Event Day Adder</b>		
Secondary	0.81068	R
Primary	0.80650	R
Transmission	0.77098	R
<b>Summer</b>		
On-Peak Energy		
Secondary	0.11000	R
Primary	0.10944	R
Transmission	0.10462	R
Semi-Peak Energy		
Secondary	0.10404	R
Primary	0.10355	R
Transmission	0.09917	R
Off-Peak Energy		
Secondary	0.07200	R
Primary	0.07174	R
Transmission	0.06883	R
<b>Winter</b>		
On-Peak Energy		
Secondary	0.10194	R
Primary	0.10144	R
Transmission	0.09708	R
Semi-Peak Energy		
Secondary	0.08698	R
Primary	0.08659	R
Transmission	0.08300	R
Off-Peak Energy		
Secondary	0.06637	R
Primary	0.06615	R
Transmission	0.06348	R
<b>Capacity Reservation Charge (\$/kW per Month)</b>		
Secondary	3.23	R
Primary	3.21	R
Transmission	3.07	R

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Sheet 4

SCHEDULE OF RATES

<u>SCHEDULE NUMBER</u>	<u>SERVICE</u>	<u>CAL. P.U.C. SHEET NO.</u>	
<u>Residential Rates</u>			
DR	Domestic Service .....	25895, 25896, 25897, 25898, 24222, 24223-E	T
DR-TOU	Domestic Time-of-Use Service.....	25899, 25900, 25901, 25902, 25903, 25904-E25535, 25536-E	T
TOU-DR	Residential – Time of Use Service	25537, 25538, 25539, 25540, 25541, 25542-E	
DR-SES	Domestic Households with a Solar Energy System	25905, 24333, 25906, 24335-E	T
E-CARE	California Alternate Rates for Energy .....	25907, 24870, 24871, 23934, 23935, 23936-E	T
DM	Multi-Family Service .....	25908, 25909, 25910, 24240, 24241, 24242-E	T
DS	Submetered Multi-Family Service.....	25911, 25912, 25913, 24914, 24247, 24248-E 24249, 24250-E	T
DT	Submetered Multi-Family Service Mobilehome Park	25915, 25916, 25917, 24918, 24455, 24256-E 24257, 24258, 24259-E	T
DT-RV	Submetered Service – Recreational Vehicle Parks and Residential Marinas .....	25919, 25920, 25921, 25922, 24455, 24458-E 24266, 24267-E	T
EV-TOU	Domestic Time-of-Use for Electric Vehicle Charging	25923, 24269, 24270-E	T
EV-TOU-2	Domestic Time-of-Use for Households With Electric Vehicles .....	25924, 24271, 24272, 24274-E	T
DE	Domestic Service to Utility Employee.....	20017-E	
FERA	Family Electric Rate Assistance.....	22335, 17102-E	
E-SMOP	Electric Smart Meter Opt-Out Program.....	22919, 22920-E	
<u>Commercial/Industrial Rates</u>			
A	General Service.....	25926, 25927, 24280-E	T
TOU-A	General Service – Time of Use Service.....	25927, 24928, 24373, 25256-E	T
A-TC	Traffic Control Service.....	25929, 24282, 24283-E	T
AD	General Service - Demand Metered.....	25930, 20500, 21772-E	T
A-TOU	General Service - Small - Time Metered .....	25931, 24286, 20503, 21773-E	T
AL-TOU	General Service - Time Metered .....	25932, 25933, 25934, 25431, 20508, 21434-E 21774-E	T
AY-TOU	General Service – Time Metered – Optional .....	25935, 25936, 25433, 21776-E	T
A6-TOU	General Service - Time Metered .....	25937, 25938, 25435, 20521, 21777-E	T
DG-R	Distributed Generation Renewable – Time Metered	25939, 25940, 25941, 25437, 21059, 21060-E, 21061-E	T
OL-TOU	Outdoor Lighting – Time Metered .....	25942, 24302, 21448, 21449-E	T

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<u>SCHEDULE NO.</u>	<u>SERVICE</u>	<u>CAL. P.U.C. SHEET NO.</u>	
	<u>Lighting Rates</u>		
LS-1	Lighting - Street and Highway – Utility-Owned Installations .....	25943, 25944, 25945, 12626, 12627, 12628-E 21439-E	T
LS-2	Lighting - Street and Highway – Customer-Owned Installations .....	25946, 25947, 25948, 25949, 25950, 22362-E 22363, 22364-E	T
LS-3	Lighting - Street and Highway - Customer-Owned Installations .....	25951, 14943, 21441-E	T
OL-1	Outdoor Area Lighting Service .....	25952, 20280, 21442-E	T
OL-2	Outdoor Area Lighting Service Metered – Customer- Owned Installation .....	25953, 21444, 21445-E	T
DWL	Residential Walkway Lighting.....	25954, 21450-E	T
	<u>Miscellaneous</u>		
PA	Power – Agricultural .....	25955, 20539, 21451-E	T
PA-T-1	Power – Agricultural – Optional Time-of-Use .....	25957, 25958, 25772, 25773, 25774, 25775-E	T
TOU-PA	Power - Agricultural Time of Use Service .....	25956, 25454, 24377, 24378-E	
S	Standby Service .....	25959, 18256, 21453-E	T
S-I	Standby Service – Interruptible .....	17678, 6085, 6317-E	
SE	Service Establishment Charge.....	18651, 11594-E	
DA	Transportation of Electric Power for Direct Access Customers .....	17679, 14953, 14954, 21894, 15111, 16976-E 21454, 21895-E	
NDA	UDC Meter Services for Non-Direct Access Customers .....	17892, 11850, 11851, 21455, 16427-E	
E-Depart	Departing Load Nonbypassable ND & PPP Charges .....	18385-E, 18386-E	
BIP	Base Interruptible Program .....	22951, 22952, 23042, 22954, 22955-E	
OBMC	Optional Binding Mandatory Curtailment Plan.....	14625, 15198, 14627, 21948-21951-E	
PEVSP	Plug-in Electric Vehicle Submetering Pilot (Phase I) .....	25237, 25378, 25239, 25379, 25241-E	
SLRP	Scheduled Load Reduction Program .....	14584, 22957, 22958, 14587, 18367-E	
RBRP	Rolling Blackout Reduction Program.....	18259, 18260, 20546, 18262-E	
DBP	Demand Bidding Program.....	25218, 23478, 23479, 25219-E	
DBP-DA	Demand Bidding - Day Ahead (US Navy).....	25220, 25221, 23630, 23631-E	
NEM	Net Energy Metering .....	25272, 25273, 25274, 25275, 25276, 25277-E 25278, 25279, 25280, 25281, 25282, 25283-E 25284, 25285, 25286, 25287, 25288, 25289-E	
NEM-FC	Net Energy Metering for Fuel Cell Customer Generators.....	24910, 23437, 23438, 23439, 23440, 23441-E 23442, 23442-E	
E-PUC	Surcharge to Fund Public Utilities Commission Reimbursement Fee.....	15214-E	
DWR-BC	Department of Water Resources Bond Charge.....	25960-E	T
DA-CRS	Direct Access Cost Responsibility Surcharge.....	23089, 25591, 21814, 21815-E	
CGDL-CRS	Customer Generation Departing Load Cost Responsibility Surcharge.....	19581, 19582, 18583, 18584, 18391-E	
CCA	Transportation of Electric Power, For Community Choice Aggregation Customers.....	17894, 17895, 17896, 17897-E	
CCA-CRS	Community Choice Aggregation Cost Responsibility Surcharge.....	25592, 21817-E	
CCA-INFO	Information Release to Community Choice Providers.....	22783, 17858, 22784, 17860-E	
CBP	Capacity Bidding Program .....	25207, 25781, 25209, 25210, 25211, 25212-E 25213, 25214, 25215, 25216, 25217-E	
UM	Unmetered Electric Service .....	25961, 19337, 19338-E	T

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SCHEDULE OF RATES

<u>SCHEDULE NUMBER</u>	<u>SERVICE</u>	<u>CAL. P.U.C. SHEET NO</u>
<u>Miscellaneous</u>		
WATER	Water Agency Tariff for Eligible Renewables.....	20287,19337,19338-E 20429,20430-E
PTR	Peak Time Rebate .....	24102, 22926, 23475, 23476-E
CRE	Customer Renewable Energy.....	20882, 20883-E
NEM-V	Virtual Net Metering for Multi-Tenant and Meter Properties.....	23222, 22934, 23333, 23334, 23965-E 23966, 23967-E
VNM-A	Virtual Net Metering for Multi-Family Affordable Housing.....	22385, 22402, 22403, 22404, 22405-E
RES-BCT	Renewable Energy Self-Generation Bill Credit Transfer.....	22582, 25424, 22584, 22585, 222586-E
ECO	Energy Credit Option.....	21280, 21281, 21282, 21283-E
SPSS	Station Power Self Supply.....	21625, 21626, 21627, 21628-E
CHP	Combined Heat and Power.....	22625, 22626-E
GHG-ARR	Greenhouse Gas Allowance Rate Return.....	24543, 25267-E
<u>Commodity Rates</u>		
EECC	Electric Energy Commodity Cost .....	25962, 25963,25964, 25965, 25966-E 25967, 25968, 25969, 25970, 24384-E 24469, 24386-E
EECC-TOU-A-P	Electric Commodity Cost – Time of Use Plus	25971, 25456, 24394, 24395, 24396-E
EECC-TOU-PA-P	Electric Commodity Cost – Time of Use Plus	25972, 25457, 24399, 24400, 24401-E
EECC-TBS	Electric Energy Commodity Cost – Transitional Bundled Service.....	22903, 22904, 16432, 19750-E
EECC-CPP-D	Electric Energy Commodity Cost – Critical Peak Pricing Default.....	25973, 25974, 25458, 25514, 25515-E 25516, 25517, 22929-E
EECC-CPP-D-AG	Electric Commodity Cost, Critical Peak Pricing Default Agricultural	25975, 25976, 25459, 25518, 25519-E 25520, 25521, 24349-E
LIST OF CONTRACTS AND DEVIATIONS.....		14296, 5488, 5489, 6205, 6206, 5492-E 16311, 22320, 5495, 6208, 6209, 8845-E 6109, 5902, 5750, 8808, 8809, 6011-E 8001, 8891, 24064, 22533-E

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(Continued)

## **Appendix G**

**Establishes SONGS Cost of Financing Balancing  
Account per D.14-11-040**

**AL 2718**

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298



April 29, 2015

**Advice Letter 2718-E**

San Diego Gas and Electric  
Attention: Megan Caulson  
Regulatory Tariff Manager  
8330 Century Park Court, Room 32C  
San Diego, CA 92123-1548

**SUBJECT: ESTABLISHMENT OF THE SAN ONOFRE NUCLEAR GENERATING  
STATION (SONGS) COST OF FINANCING BALANCING ACCOUNT  
PURSUANT TO DECISION 14-11-040**

Dear Ms. Caulson:

Advice Letter 2718-E is effective as of April 26, 2015.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph  
Director, Energy Division



Clay Faber - Director  
Regulatory Affairs  
9305 Lightwave Ave, SD1190  
San Diego, CA 92123  
cfaber@semprautilities.com

March 27, 2015

**ADVICE LETTER 2718-E**  
(U902-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

**SUBJECT: ESTABLISHMENT OF THE SAN ONOFRE NUCLEAR GENERATING  
STATION (SONGS) COST OF FINANCING BALANCING ACCOUNT  
PURSUANT TO DECISION 14-11-040**

San Diego Gas & Electric Company (SDG&E) hereby submits to the California Public Utilities Commission (Commission) for approval the following modifications to its electric tariffs as shown in the enclosed Attachment A.

**PURPOSE**

Pursuant to Section 4.4 (a) (ii) of the SONGS Order Instituting Investigation (OII) Amended and Restated Settlement Agreement for SONGS 2&3 (Amended Settlement Agreement) adopted by the Commission on November 20, 2014,<sup>1</sup> this advice letter filing establishes the San Onofre Nuclear Generating Station (SONGS) Cost of Financing Balancing Account (CFBA). This balancing account will permit the appropriate sharing of financing savings between shareholders and customers on an annual basis as directed by Decision (D.) 14-11-040.

**BACKGROUND**

On April 3, 2014, SDG&E, Southern California Edison (SCE), The Utility Reform Network (TURN), the Office of Ratepayer Advocates (ORA), Friends of the Earth, and the Coalition of California Utility Employees (Joint Parties) filed a joint motion for the adoption of a Settlement Agreement that would resolve all issues in the SONGS OII, and all proceedings that have been consolidated herewith (including Application (A.) 13-01-016, A.13-03-005, A.13-03-013, and A.13-03-014). On September 5, 2014, the Assigned Commissioner and Administrative Law Judges issued a ruling requesting the Joint Parties adopt modifications to the Settlement Agreement.

On September 19, 2014, the Joint Parties responded to the ruling stating their intent to make all of the modifications requested by the September 5, 2014 ruling, and on September 24, 2014, the Joint Parties filed an Amended Settlement Agreement.

Section 4.4(a) of the Amended Settlement Agreement provides that the SONGS related regulatory assets to be amortized may be financed solely with debt. On March 12, 2015, SDG&E elected to assign a financial instrument for that purpose. This financial instrument is designed to finance the Base Plant, Construction Work In Progress (CWIP) (as defined in

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<sup>1</sup> The Amended Settlement Agreement was adopted in D.14-11-040, issued on November 25, 2014.

sections 2.6, 2.13 and 4.3 of the Amended Settlement Agreement) and the Materials & Supplies (M&S) Investment (as defined in sections 2.21 and 4.5 of the Amended Settlement Agreement). The financial instrument is not intended to finance the Nuclear Fuel Investment (defined in section 2.30 and 4.6 of the Amended Settlement Agreement). The Amended Settlement Agreement includes a sharing mechanism where SDG&E will credit ratepayers 50 percent of the savings reflected in the difference between the actual cost of financing the SONGS related regulatory assets and the amount yielded by applying the rate of return calculated pursuant to section 4.3(c) of the Settlement.

## **SHARING MECHANISM FOR SONGS 2&3 REGULATORY ASSET FINANCING COSTS**

### **Description of Financial Instrument**

On March 12, 2015, SDG&E issued a 7-year amortizing bond with the principal amount of \$250 million at 1.914 percent coupon rate, to be repaid in 14 equal semi-annual installments, with the final principal installment payment on February 1, 2022. The amortizing bond is designed to finance the Base Plant and the M&S Investment. The final all-in coupon rate has not yet been determined pending final invoices for all legal and underwriting fees, but is currently estimated to be 2.035%

### **Actual Embedded Cost of Debt for this Issuance**

The embedded cost of debt for this issuance is computed on a "net proceeds" basis, recognizing that only the net proceeds of the issuance can finance the regulatory assets. Net proceeds equal the principal or face amount of the bond, less discounts and expenses related to the issuance. The initial embedded cost of debt is currently estimated at 2.035 percent.

$$\text{Actual Embedded Cost of Debt} = \left( \frac{\text{Annualized interest cost} + \text{Annualized amortization of discounts and expenses}}{\text{Net Proceeds}} \right)$$

The net proceeds from SDG&E's bond issuance exceed the amount of the regulatory assets being financed<sup>2</sup>. The excess net proceeds are used to finance SDG&E's rate base assets. In the event that net proceeds from the bond are less than the amount of the regulatory assets being financed, the remainder of the regulatory assets will be assumed to be financed by SDG&E's long-term debt at a rate equal to SDG&E's authorized embedded cost of debt as set by the Commission.

### **Savings Calculation for Base Plant, CWIP, and M&S Investment**

Sections 4.3 and 4.5(a) of the Amended Settlement Agreement defines the return that SDG&E shall be authorized to earn on Base Plant, CWIP, and M&S Investment, or "Base Plant and M&S Return."<sup>3</sup> That return is currently 2.35 percent, but will adjust as SDG&E's authorized costs of long-term debt and preferred equity are reset by the Commission.

<sup>2</sup> \$250 million in principal amount is the minimum required for inclusion of the bond into the market aggregate bond index, which increases liquidity of the bond and results in competitive rates.

<sup>3</sup> Includes CWIP.

Savings shall be calculated for each month from March 2015 through January 2022 by multiplying the average unamortized Base Plant and M&S Investment for the month by the average difference between the Base Plant and M&S Authorized Return and the actual embedded cost of debt.

$$\text{Savings for Base Plant and M\&S Investment} = \text{Unamortized Base Plant and M\&S Investment} \times (\text{Base Plant and M\&S Authorized Return} - \text{Actual Embedded Cost of Debt})$$

It is expected that these averages for each month will be computed using data for the beginning and end of the month. The average difference between the Base Plant and M&S Authorized Return and the actual embedded cost of debt will be expressed as a difference between monthly interest rates. (i.e, the Base Plant and M&S Return will initially be 2.35 percent divided by 12 and the actual embedded cost of debt will similarly be divided by 12 because it is derived from annualized costs). If the savings calculation for any month produces a negative number, the recorded savings for that month will be zero.

### **PROPOSED TARIFF MODIFICATIONS**

Pursuant to D.14-11-040, this advice letter filing establishes Preliminary Statement CFBA to track the savings reflected in the difference between the actual cost of financing and the authorization return on SONGS Base Plant and M&S portions of the SONSG regulatory asset.<sup>4</sup> If the balance in the CFBA is an over-collection (actual cost of financing is less than the authorized return), on an annual basis, 50 percent of the over-collected ending balance will be returned to SDG&E customers through a credit to the Non-Fuel Generating Balancing Account (NGBA) and 50 percent will be retained by SDG&E.

No cost information is required of this advice letter filing nor will it increase any rate or change, cause the withdrawal of service, conflict with any other schedule or rule.

### **EFFECTIVE DATE**

This filing is subject to Energy Division disposition and is classified as Tier 2 (effective pending disposition) pursuant to GO 96-B and D.14-11-040. SDG&E respectfully requests that this filing become effective on April 26, 2015, which is 30 days from the date of this filing.

### **PROTEST**

Anyone may protest this Advice Letter to the California Public Utilities Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received no later than April 16, 2015, which is 20 days from the date this Advice Letter was filed with the Commission. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

---

<sup>4</sup> Authorized rate of return consistent with Section 4.3 (h) of the Amended Settlement Agreement pursuant to D.14-11-040.

CPUC Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue  
San Francisco, CA 94102

Copies of the protest should be sent via e-mail to the attention of the Energy Division at EDTariffUnit@cpuc.ca.gov. A copy of the protest should also be sent via e-mail to the address shown below on the same date it is mailed or delivered to the Commission.

Attn: Megan Caulson  
Regulatory Tariff Manager  
E-mail: MCaulson@semprautilities.com

**NOTICE**

A copy of this filing has been served on the utilities and interested parties shown on the attached list and to interested parties in service list I.12-10-013, by providing them a copy hereof either electronically or via the U.S. mail, properly stamped and addressed.

Address changes should be directed to SDG&E Tariffs by email to SDG&ETariffs@semprautilities.com.

---

CLAY FABER  
Director – Regulatory Affairs



# CALIFORNIA PUBLIC UTILITIES COMMISSION

## ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SAN DIEGO GAS & ELECTRIC (U 902)**

Utility type:

ELC

GAS

PLC

HEAT

WATER

Contact Person: Joff Morales

Phone #: (858) 650-4098

E-mail: jmorales@semprautilities.com

### EXPLANATION OF UTILITY TYPE

ELC = Electric

GAS = Gas

PLC = Pipeline

HEAT = Heat

WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2718-E

Subject of AL: Establishment of the San Onofre Nuclear Generating Station (SONGS) Cost of Financing Balancing Account Pursuant to Decision 14-11-040

Keywords (choose from CPUC listing): Balancing Account

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

D.14-11-040

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: None

Summarize differences between the AL and the prior withdrawn or rejected AL<sup>1</sup>: N/A

Does AL request confidential treatment? If so, provide explanation: N/A

Resolution Required?  Yes  No

Tier Designation:  1  2  3

Requested effective date: 4/26/2015

No. of tariff sheets: 4

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: See Attachment A

Service affected and changes proposed<sup>1</sup>: N/A

Pending advice letters that revise the same tariff sheets: None

**Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:**

**CPUC, Energy Division**

**Attention: Tariff Unit**

**505 Van Ness Ave.,**

**San Francisco, CA 94102**

**EDTariffUnit@cpuc.ca.gov**

**San Diego Gas & Electric**

**Attention: Megan Caulson**

**9305 Lightwave Ave, SD1190**

**San Diego, CA 92123**

**mcaulson@semprautilities.com**

General Order No. 96-B  
ADVICE LETTER FILING MAILING LIST

cc: (w/enclosures)

Public Utilities Commission

DRA

S. Cauchois  
R. Pocta  
W. Scott

Energy Division

P. Clanon  
S. Gallagher  
D. Lafrenz  
Tariff Unit

CA. Energy Commission

F. DeLeon  
R. Tavares

Alcantar & Kahl LLP

K. Cameron

American Energy Institute

C. King

APS Energy Services

J. Schenk

BP Energy Company

J. Zaiontz

Barkovich & Yap, Inc.

B. Barkovich

Bartle Wells Associates

R. Schmidt

Braun & Blaising, P.C.

S. Blaising

California Energy Markets

S. O'Donnell  
C. Sweet

California Farm Bureau Federation

K. Mills

California Wind Energy

N. Rader

Children's Hospital & Health Center

T. Jacoby

City of Poway

R. Willcox

City of San Diego

L. Cosio Azar  
D. Weil

Commerce Energy Group

V. Gan

CP Kelco

A. Friedl

Davis Wright Tremaine, LLP

E. O'Neill  
J. Pau

Dept. of General Services

H. Nanjo  
M. Clark

Douglass & Liddell

D. Douglass  
D. Liddell  
G. Klatt

Duke Energy North America

M. Gillette

Dynegy, Inc.

J. Paul

Ellison Schneider & Harris LLP

E. Janssen

Energy Policy Initiatives Center (USD)

S. Anders

Energy Price Solutions

A. Scott

Energy Strategies, Inc.

K. Campbell  
M. Scanlan

Goodin, MacBride, Squeri, Ritchie & Day

B. Cragg  
J. Heather Patrick  
J. Squeri

Goodrich Aerostructures Group

M. Harrington

Hanna and Morton LLP

N. Pedersen

Itsa-North America

L. Belew

J.B.S. Energy

J. Nahigian

Luce, Forward, Hamilton & Scripps LLP

J. Leslie

Manatt, Phelps & Phillips LLP

D. Huard  
R. Keen

Matthew V. Brady & Associates

M. Brady

Modesto Irrigation District

C. Mayer

Morrison & Foerster LLP

P. Hanschen

MRW & Associates

D. Richardson

Pacific Gas & Electric Co.

J. Clark

M. Huffman

S. Lawrie

E. Lucha

Pacific Utility Audit, Inc.

E. Kelly

San Diego Regional Energy Office

S. Freedman  
J. Porter

School Project for Utility Rate Reduction

M. Rochman

Shute, Mihaly & Weinberger LLP

O. Armi

Solar Turbines

F. Chiang

Sutherland Asbill & Brennan LLP

K. McCrea

Southern California Edison Co.

M. Alexander

K. Cini

K. Gansecki

H. Romero

TransCanada

R. Hunter

D. White

TURN

M. Hawiger

UCAN

D. Kelly

U.S. Dept. of the Navy

K. Davoodi  
N. Furuta

L. DeLacruz

Utility Specialists, Southwest, Inc.

D. Koser

Western Manufactured Housing  
Communities Association

S. Dey

White & Case LLP

L. Cottle

Interested Parties

I.12-10-013

ATTACHMENT A  
ADVICE LETTER 2718-E

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
Revised 26179-E	PRELIMINARY STATEMENT, II. BALANCING ACCOUNTS, DESCRIPTION/LISTING OF ACCOUNTS, Sheet 2	Revised 26147-E
Original 26180-E	PRELIMINARY STATEMENT, II. BALANCING ACCOUNTS, COST OF FINANCING BALANCING ACCOUNT (CFBA), Sheet 1	
Revised 26181-E	TABLE OF CONTENTS, Sheet 1	Revised 26133-E
Revised 26182-E	TABLE OF CONTENTS, Sheet 2	Revised 25589-E



**PRELIMINARY STATEMENT**

Sheet 2

**II. BALANCING ACCOUNTS**  
**DESCRIPTION/LISTING OF ACCOUNTS**

Listing of Accounts

- California Alternate Rates for Energy (CARE) Balancing Account
- Rewards and Penalties Balancing Account (RPBA)
- Transition Cost Balancing Account (TCBA)
- Post-1997 Electric Energy Efficiency Balancing Account (PEEEBA)
- Tree Trimming Balancing Account (TTBA)
- Baseline Balancing Account (BBA)
- Energy Resource Recovery Account (ERRA)
- Low-Income Energy Efficiency Balancing Account (LIEEBA)
- Non-Fuel Generation Balancing Account (NGBA)
- Electric Procurement Energy Efficiency Balancing Account (EPEEBA)
- Common Area Balancing Account (CABA)
- Nuclear Decommissioning Adjustment Mechanism (NDAM)
- Pension Balancing Account (PBA)
- Post-Retirement Benefits Other Than Pensions Balancing Account (PBOPBA)
- Community Choice Aggregation Implementation Balancing Account (CCAIBA)
- Electric Distribution Fixed Cost Account (EDFCA)
- Rate Design Settlement Component Account (RDSCA)
- California Solar Initiative Balancing Account (CSIBA)
- SONGS O&M Balancing Account (SONGSBA)
- Advanced Metering Infrastructure Balancing Account (AMIBA)
- Research, Development and Demonstration Expense Account (RDDEA)
- On-Bill Financing Balancing Account (OBFBA)
- Solar Energy Project Balancing Account (SEPBA)
- Electric Program Investment Charge Balancing Account (EPICBA)
- Tax Equity Investment Balancing Account (TEIBA)
- California Energy Systems for the 21st Century Balancing Account (CES-21BA)
- Dynamic Pricing Balancing Account (DPBA)
- Greenhouse Gas (GHG) Cost Revenue Balancing Account
- Local Generating Balancing Account (LGBA)
- Energy Storage Balancing Account (ESBA)
- New Environmental Regulatory Balancing Account (NERBA)
- Master Meter Balancing Account (MMBA)
- Smart Meter Opt-Out Balancing Account (SMOBA)
- Cost of Financing Balancing Account (CFBA)

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Advice Ltr. No. 2718-E

Decision No. D.14-11-040

Issued by  
**Lee Schavrien**  
Senior Vice President  
Regulatory Affairs

Date Filed Mar 27, 2015

Effective Apr 26, 2015

Resolution No. \_\_\_\_\_



**PRELIMINARY STATEMENT**

Sheet 1

**II. BALANCING ACCOUNTS**  
**COST OF FINANCING BALANCING ACCOUNT (CFBA)**

1. Purpose:

Pursuant to SONGS Amended and Restated Settlement Agreement ("Agreement") approved in D. 14-11-040 section 4.4 (a) the purpose of the CFBA is to track fifty percent (50%) of the savings reflected in the difference between the actual cost of financing the SONGS regulatory assets and the amount yielded by applying the rate of return calculated pursuant to Section 4.3 (c).

2. Rates

CFBA does not have a rate component.

3. Accounting Procedures

SDG&E shall maintain the CFBA by recording entries at the end of each month as follows:

- a. A credit entry equal to the savings calculated for each month by multiplying the average unamortized Base Plant (includes Construction Work In Progress) and M&S Investment for the month by the average difference between the Base Plant and M&S Authorized Return and the actual embedded cost of debt to finance the SONGS regulatory asset;
- b. A debit entry equal to the transfer of the balance in the CFBA based on the distribution mechanism described in section 4 Account Disposition; and
- c. An entry equal to interest on the average balance in the account at the beginning of the month and the balance after the entries listed above, at a rate equal to one-twelfth of the rate on three month Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15 or its successor.

4. Account Disposition

At year end, the following entries shall be recorded consistent with Section 4.4 (a) (ii) of the Settlement.

- a. A debit entry to transfer out 50% of the balance representing the portion that SDG&E will retain.
- b. A debit entry to transfer out 50% of the balance representing the Ratepayer's portion with a credit to the Non-fuel Generation Balancing Account (NGBA).

N  
N  
N  
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N



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Sheet 1

The following sheets contain all the effective rates and rules affecting rates, service and information relating thereto, in effect on the date indicated herein.

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2H6

Advice Ltr. No. 2718-E

Decision No. D.14-11-040

Issued by  
**Lee Schavrien**  
Senior Vice President  
Regulatory Affairs

Date Filed Mar 27, 2015

Effective Apr 26, 2015

Resolution No. \_\_\_\_\_

## **Appendix H**

**SONGS 2&3 Costs Eligible for Payment from  
NDT and Authorization of Reimbursement from  
NDT (incurred on or after June 7, 2013)**

**AL 2724**



PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298



August 25, 2015

**Advice Letter 2724-E**

Clay Faber, Director  
Regulatory Affairs  
San Diego Gas and Electric  
8330 Century Park Court, CP32C  
San Diego, CA 92123-1548

**Subject: Request for (1) Designation of SONGS 2&3 Costs Incurred on or after June 7, 2013 as Decommissioning Costs Eligible for Payment with Trust Funds; and (2) Authorization of Reimbursements from the SDG&E Trusts for SONGS**

Dear Mr. Faber:

Advice Letter 2724-E is effective July 23, 2015 per Resolution E-4678.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph  
Director, Energy Division



Clay Faber  
Director  
Regulatory Affairs  
9305 Lightwave Ave.  
San Diego, CA 92123-1447

Tel: 858.654.3563  
cfaber@semprautilities.com

April 1, 2015

**ADVICE LETTER 2724-E**  
(U-902-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

**SUBJECT:** Request for (1) Designation of SONGS 2&3 Costs Incurred On or After June 7, 2013 As Decommissioning Costs Eligible for Payment with Trust Funds; and (2) Authorization of Reimbursements from the SDG&E Trusts for San Onofre Nuclear Generating Station

**I. Purpose and Introduction**

San Diego Gas & Electric Company (“SDG&E”) has been billed by Southern California Edison Company (“SCE”) for costs associated with decommissioning activities at San Onofre Nuclear Generating Station Unit Nos. 2&3 (“SONGS” or “SONGS 2&3”), which occurred on or after June 7, 2013. SDG&E has paid for those costs, as well as its own SONGS 2&3 decommissioning related oversight and other overhead costs incurred internally by SDG&E. SDG&E now requests that the California Public Utilities Commission (“Commission”) find those costs incurred and recorded June 7, 2013, through December 31, 2013, to constitute “decommissioning” costs, eligible to be paid from SDG&E’s SONGS 2&3 Nuclear Decommissioning Trust (“Trust”), and authorize disbursement of such costs from SDG&E’s Trust.

The Commission has already found SDG&E’s 2013 SONGS costs to be reasonable pursuant to section 4.9 of the SONGS Amended and Restated Settlement Agreement (“Settlement Agreement”), approved by the Commission in D.14-11-040. However, to obtain disbursements from the Trusts for eligible decommissioning costs, SDG&E must obtain an order or resolution from the Commission authorizing such access.<sup>1</sup>

Therefore, pursuant to General Order 96-B, SDG&E respectfully submits this Tier 3 advice letter requesting a resolution from the Commission that:

- (1) Designates costs associated with SONGS 2&3 that were incurred on or after June 7, 2013 as “decommissioning costs,” eligible to be paid with nuclear

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<sup>1</sup> Master Trust Agreements at Section 1.01(9).

decommissioning trust funds; and

- (2) Authorizes SDG&E to obtain disbursements of up to \$54.59 million from its SONGS Trust for SONGS 2&3 decommissioning expenses recorded in 2013, subject to any necessary true-up to reconcile SDG&E’s recorded and accrued 2013 decommissioning costs billed by SCE with any new information and accounting and cost tracking system.

This Advice Letter (“AL”) replaces SDG&E AL 2579-E, previously submitted on February 21, 2014, but later withdrawn by SDG&E on April 1, 2015, concurrently with the filing of this AL. Akin to AL 2579-E, this advice letter seeks authorization to disburse Trust funds for SDG&E’s 2013 decommissioning costs.<sup>2</sup>

## II. Background

This advice letter concerns SDG&E’s nuclear decommissioning trusts for SONGS 2&3.<sup>3</sup> SDG&E’s SONGS 2&3 Trust is governed by the San Diego Gas & Electric Company Nuclear Facilities Qualified and Non-Qualified CPUC Decommissioning Master Trust Agreements for San Onofre Nuclear Generating Stations (“MTAs”). In accordance with the Nuclear Facilities Decommissioning Act of 1985 (“Decommissioning Act”),<sup>4</sup> the Commission approved the SDG&E Trust and the MTAs in D.87-05-062, Resolution E-3060, and D.92-06-024.<sup>5</sup> With the Commission’s approval, SDG&E has been collecting funds from ratepayers to fund the trusts for more than 25 years.<sup>6</sup>

The shutdown of SONGS 2&3 on June 7, 2013 was abrupt and unexpected for SDG&E. The SONGS Participants – SCE, SDG&E, and the Cities of Riverside and Anaheim – did not have sufficient time in advance of the shutdown to agree upon and implement various decommissioning-related decisions, draft an updated decommissioning cost estimate, or draft a schedule of decommissioning activities.

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<sup>2</sup> SDG&E intends to submit an advice letter seeking trust disbursements for 2014 decommissioning costs later this year.

<sup>3</sup> This advice letter does not concern SDG&E’s trusts for Unit 1. SDG&E was given Unit 1 trust fund withdrawal access by the Commission in D.99-06-007. As required by D.99-06-007, SDG&E provides a quarterly report to Energy Division of actual expenditures and advance withdrawals for Unit 1 decommissioning costs from SDG&E’s Unit 1 trusts and seeks a reasonableness review of Unit 1 expenditures in the nuclear decommissioning cost triennial proceedings.

<sup>4</sup> California Pub. Util. Code Sec. 8321 et seq.

<sup>5</sup> D.87-05-062 (ordering the IOUs to draft MTAs for the Commission’s consideration); Resolution E-3060 (Approving SDG&E’s Nuclear Decommissioning MTAs for SONGS Units 1, 2 and 3); D.92-06-024 (approving and executing amended MTAs).

<sup>6</sup> In D.14-12-082, the Commission approved SDG&E’s request to continue its currently-authorized level of annual Trust contributions.

### III. Overview of SDG&E's Request

In the eighteen months from closure, and the twelve months since SDG&E AL 2579-E was filed, the SONGS Participants have prepared for and entered into the decommissioning phase at SONGS. SONGS vendor *EnergySolutions* drafted a new Decommissioning Cost Estimate (“DCE”) for SONGS Units 2&3, which was subsequently submitted to the Nuclear Regulatory Commission (“NRC”) on September 23, 2014 and the Commission on December 10, 2014.<sup>7</sup> SCE has begun aligning its accounting system to reflect the DCE and the DCE’s cost categories, a process which SDG&E intends to undertake over the next several months for its own accounting system.<sup>8</sup> Also during this period, SDG&E received a Ruling from the Internal Revenue Service (“IRS”) affirming that it may use its Trust funds for early, pre-dismantlement decommissioning activities.<sup>9</sup> SDG&E and SCE (collectively, the Utilities) received a waiver from the NRC, allowing them to use Trust funds for site restoration and spent fuel management activities, and not just for radiological decommissioning (also known as ‘license termination’) activities.<sup>10</sup> In November 2014, the Commission approved the SONGS OII Amended & Restated Settlement Agreement in proceeding I.12-10-013 (“Settlement Agreement”), which in part, governs the treatment of many types of SONGS costs.

With the completion of the DCE, the Energy Commission requested that SDG&E withdraw its pending AL 2579-E for trust reimbursement of 2013 decommissioning costs, which had compared its costs to an older cost estimate completed by ABZ, Incorporated (“ABZ”) before the closure announcement, and replace it with an advice letter comparing recorded costs to the DCE.

All of these intervening events are reflected in this Advice Letter.<sup>11</sup> To the extent possible, this Advice Letter compares SDG&E’s recorded 2013 SONGS decommissioning costs to the DCE, and provides variance explanations, when known.

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<sup>7</sup> Joint Application, A.14-12-007 at 4-5.

<sup>8</sup> SCE hosted a workshop, as required by D.14-12-082, Ordering Paragraph (“OP”) 5, on February 24, 2015 concerning its new cost accounting and tracking system. SDG&E discussed its own accounting situation as well. SDG&E and SCE jointly filed a Tier 1 AL 3185-E concerning their cost accounting and tracking systems for SONGS on March 2, 2015, in accordance with D.14-12-082, OP 9.

<sup>9</sup> See Appendix A for copies of SDG&E’s Private Letter Ruling (“PLR”) Request and IRS Ruling.

<sup>10</sup> See Appendix B for copies of the Request and Response from the NRC.

<sup>11</sup> Several of these events resulted in the variances between this Advice Letter and SDG&E’s withdrawn advice letter on the same subject. For example, because of the NRC’s waiver, it is no longer necessary for the Commission to confirm that the trust funds have been collected from ratepayers and have been accumulating in the Trusts to be used for NRC jurisdictional and non-NRC jurisdictional decommissioning cost categories, or to designate a pro rata breakdown of SDG&E’s 2013 decommissioning costs into the NRC categories. AL 2579 at Sections 4 and 5. In addition, the issue of the future process by which SDG&E seeks, and receives, Commission approval to disburse Trust funds for decommissioning has been addressed, and continues to be discussed, in several proceedings. AL 2579 at Section IV. To avoid redundancy, SDG&E has not included these topics in this AL.

The amount SDG&E seeks to disburse from its Trust in this Advice Letter (up to \$54.59 million) differs from the amount requested in AL 2579-E (up to \$39.26 million) for several reasons. First, over the last year, SDG&E has received more current cost information from SCE, including a delineation of those O&M and capital costs that SCE has identified as “Deemed Decommissioning”, and identified by work order. To the extent possible, SDG&E has reconciled all SCE billed costs for the period of June 7 to December 31, 2013 to the information provided by SCE. These costs are included in this request.

Second, SDG&E AL 2579-E reflected SDG&E’s attempt to align its incurred costs with the costs stated in SCE’s corresponding advice letter, AL 2968-E. However, the resulting product did not accurately reflect SDG&E’s recorded cost information because it failed to account for accruals and for timing differences between when SCE and SDG&E incur SONGS costs.<sup>12</sup> It is SDG&E’s intention that this and future trust disbursement advice letters accurately portray SDG&E’s accounting books, and not SCE’s records. Therefore, this Advice Letter states SDG&E’s costs as recorded. SDG&E has not attempted to “match” its costs with SCE’s costs.

Third, the current advice letter includes a request for reimbursement of costs associated with the cancellation of nuclear fuel contracts. At the time the SDG&E submitted AL 2579-E, SDG&E had not yet received guidance from the IRS about whether these costs are “decommissioning costs”, eligible to be paid from the Trusts. SDG&E has since received confirmation from the IRS that these costs are trust eligible, and therefore, included those costs recorded in 2013 in this advice letter.

The one issue that has not changed since SDG&E submitted AL 2579-E is that SDG&E is still unable to directly compare its recorded costs for 2013 to the DCE by NRC “buckets” (i.e., License Termination, Spent Fuel Management and Site Restoration) or at a more granular level like the Work Breakdown Structure (“WBS”). SCE’s 2013 invoices to SDG&E lack sufficient cost and project details for SDG&E to report its recorded SONGS costs by DCE or by the more granular cost-specific estimates.<sup>13</sup> SDG&E is working to establish an accounting system that will allow it to track its costs and costs billed by SCE by WBS and NRC bucket, but it will take months to establish. In addition, based on SDG&E’s information and belief, SCE intends to eventually provide SDG&E with a summary of 2013 and 2014 billed costs in the new WBS format so that SDG&E can import those costs into its new accounting system. SDG&E explained its situation in the March 2, 2015 Tier 1 AL 3185-E and at the February 24, 2015 cost

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<sup>12</sup> In essence, SCE’s invoice process in place during 2013 and 2014 resulted in SDG&E recording those decommissioning costs billed by SCE approximately two months after SCE records its costs. On or shortly after the last business day of each month, SDG&E received an invoice from SCE for O&M and capital-related SONGS 2&3 costs estimated for the upcoming month. The month-ahead advance provided an “amount due”, but did not provide specific cost or project information. The invoice also did not differentiate “decommissioning costs” from “non-decommissioning costs”. The invoice also contained a true-up of costs from two months prior, compared to SDG&E’s advance payments for those months.

<sup>13</sup> SDG&E was also unable to compare its 2013 costs to the ABZ cost categories in AL 2579-E because of the same lack of detail from SCE.

tracking workshop. In light of these limitations, SDG&E has tried to compare its 2013 recorded decommissioning costs to the DCE WBS categories, to the extent possible, for certain costs. Once SDG&E has received the necessary information from SCE and has its accounting system in place, SDG&E intends to validate, reconcile and true-up these costs as necessary.

#### **IV. Costs Associated with SONGS 2&3 During or After June 7, 2013 are “Decommissioning Costs” Payable with Nuclear Decommissioning Trust Funds**

SDG&E requests that the Commission find that costs associated with SONGS 2&3 that were incurred on or after June 7, 2013 constitute “Decommissioning Costs” eligible to be paid with trust funds, subject to narrow exceptions discussed below.

SDG&E bases its request on the following uncontested facts. On June 7, 2013, SCE announced that SONGS 2&3 would not restart. On June 12, 2013, SCE submitted a Certification of Permanent Cessation of Power Operations to the NRC, certifying that SCE has permanently ceased power operations of SONGS 2&3.<sup>14</sup> In accordance with 10 CFR §50.82(a)(3), the decommissioning of SONGS 2&3 must be completed within sixty (60) years of the permanent cessation of operations. Thus, the decommissioning period for SONGS 2&3 commenced June 2013 upon permanent cessation of operations. SONGS 2&3 decommissioning costs that were incurred on or after June 7, 2013 occurred during the SONGS 2&3 decommissioning period and thus, should be considered “decommissioning costs” eligible to be paid with trust funds, so long as their payment from the trusts would not jeopardize the trusts’ tax-preferential status pursuant to Internal Revenue Code Section 468A.<sup>15</sup>

While the June 7, 2013 shutdown date has been frequently discussed in several SONGS-related proceedings, the Commission has not yet pronounced the importance of the date as it relates to SONGS rate and cost issues. By finding that SONGS 2&3 costs incurred on or after June 7, 2013, subject to rare exceptions discussed below, are “decommissioning costs” eligible to be paid with trust funds, the Commission would provide a clear demarcation between SONGS 2&3 costs payable through base rates and SONGS 2&3 costs payable with trust funds.

#### **V. SDG&E Requests Trust Fund Disbursement Authority for Recorded SONGS 2&3 2013 Decommissioning Costs**

SDG&E seeks authority for disbursements of up to \$54.59 million to cover decommissioning costs associated with SONGS 2&3 incurred and recorded June 7, 2013 through December 31,

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<sup>14</sup> SCE, SONGS’ majority owner and sole operator, also submitted to the NRC a Certification of Permanent Removal of Fuel for Unit 3 on June 28, 2013, and for Unit 2 on July 23, 2013. As a result of these submittals, SCE now holds an NRC license that does not permit power operations but does authorize the possession of the SONGS facilities and licensed material.

<sup>15</sup> On March 31, 2014, the IRS issued a favorable ruling in response to SDG&E’s November 8, 2013 PLR seeking clarification from the IRS regarding whether qualified trust funds may be used to pay for costs incurred on or after June 2013 for employee severance costs and costs resulting from the permanent retirement and decommissioning of SONGS 2&3. See Appendix A.

2013, as detailed in the table provided as Attachment A. This amount has already been expensed by SDG&E or paid through rates.

A. Categories of SDG&E's 2013 SONGS 2&3 Decommissioning Costs

As shown in Attachment A, SDG&E's decommissioning costs for which it seeks disbursement authority can be broken into general categories, which are briefly described below:

- (1) Operations & Maintenance ("O&M") invoiced by SCE, including severance, but excluding any "non-O&M" costs;
- (2) Capital, capital-related and Materials and Supplies ("M&S") expenditures;
- (3) Internal costs specific to SDG&E (100%);
- (4) "Non-O&M" costs, as defined by the OII Settlement Agreement (i.e., property and liability insurance, and property taxes);<sup>16</sup>
- (5) Energy for the SONGS facility;
- (6) Lease and easement costs; and
- (7) Nuclear fuel contract cancellation costs.

Information about an additional cost category – those costs for which SDG&E does not need Commission authority to access trust funds – is also provided below.

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<sup>16</sup> SONGS Non-O&M costs are defined in the Settlement Agreement at Para. 2.28 as all SONGS-related expenses recorded in FERC accounts 408, 924, 925, and 926 that are *not*:

- (a) Non-O&M Balancing Account Expenses;
- (b) Capitalized overhead; *or*
- (c) Recorded in FERC accounts 517-532.

The FERC Uniform System of Accounts defines account 924 as property insurance, account 925 as injuries and damages (including liability insurance), account 408 as taxes other than income (i.e., property taxes) and account 926 as Pension and Benefits.

Thus, this advice letter seeks to recover those costs incurred by SDG&E in 2013 for SONGS Non-O&M costs, specifically:

- Insurance, including Property and Liability
- Property Taxes

SDG&E's Pension and Benefit expenses related to SONGS in 2013 are not included in SONGS Non-O&M costs as they are included in SDG&E's overall Administrative and General ("A&G") expenses and therefore not addressed in this advice letter.

*i. O&M Invoiced By SCE*

SCE invoices SDG&E (20% share) for base O&M expenditures for SONGS 2&3. Attachment A shows that SDG&E has recorded \$46.47 million, exclusive of decommissioning planning costs, for June through December 2013 O&M decommissioning costs.<sup>17</sup>

Base O&M for SONGS decommissioning includes labor, contract labor, non-labor and contractual overhead expenses, as well as severance costs, associated with the personnel needed onsite at SONGS to maintain and repair various systems. For example, the SONGS control room must be manned to ensure the spent fuel pool cooling systems continue to perform their intended functions, and various control and lighting systems must be maintained to allow security personnel to protect the station and conduct NRC-mandated surveillances. Base O&M does not include any other cost categories listed below in this advice letter.

The Base O&M amount includes \$10.5 million paid by SDG&E to SCE in late 2013 for employee severance related to the closure of SONGS. As required by D.14-12-082, SDG&E has provided a copy of its request to the IRS for a PLR, and the IRS's response, that confirms funds from the Qualified Trusts may be used to pay for employee severance related to the closure of SONGS at Appendix A.<sup>18</sup>

SDG&E recorded all of its 2013 decommissioning O&M costs invoiced by SCE in the SONGS Balancing Account ("SONGSBA").<sup>19</sup>

SDG&E recorded its 2013 O&M costs in nuclear operations FERC accounts and the two-way SONGSBA. The O&M authorized revenue of approximately \$119 million was recorded in the SONGSBA monthly, at 1/12<sup>th</sup> per month.<sup>20</sup> As invoices from SCE were received by SDG&E, SDG&E recorded the amounts in the SONGSBA. Thus, SDG&E has recorded those SONGS

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<sup>17</sup> Again, because of SDG&E's inability to track billed costs by WBS or NRC categories, SDG&E is not able to provide a more detailed comparison of its billed O&M to the DCE at this time.

<sup>18</sup> D.14-12-082 at 19-20. SDG&E's Request and the IRS Ruling are attached hereto as Appendix A. For "a detailed description of the program for 'assistance in finding comparable alternative employment opportunities' for workers displaced due to the SONGS shutdown after June 7, 2013", SDG&E refers the reader to SCE's AL 3193-E, filed March 18, 2015 for information about decommissioning-related severance costs (100%) paid in 2013 and to future SCE information expected to be submitted in A.14-12-007. All of the displaced workers were SCE employees, and as such, SCE designed and managed the assistance programs without input from SDG&E.

<sup>19</sup> The only exceptions are those costs identified by SCE as Decommissioning Planning costs.

<sup>20</sup> In the final decision on SDG&E's 2012 GRC, SDG&E was granted authority to collect \$156.3 million excluding franchise fees and uncollectibles ("FF&U") to cover 2012 costs for SONGS. D.13-05-010 at Attachment B. SDG&E was also allowed attrition of 2.65% for 2013 and 2.75% for 2014. *Id.* at OP 4. After applying attrition and adjusting for the reduced cost of capital from D.12-12-034, SDG&E's authorized revenue requirement (excluding FF&U) for SONGS is \$159.5 million in 2013 and \$165.8 million in 2014. This revenue requirement includes approximately \$1 million annually for spent fuel storage costs. In 2013 SDG&E collected through rates approximately \$158.5 million for SONGS operating O&M and capital-related costs. Approximately \$119.1 million of this amount is for O&M.



O&M decommissioning costs incurred June through December 2013 and invoiced by SCE as a debit (or shortfall, or undercollection) in the SONGSBA.

SDG&E's 2013 authorized revenue requirement of \$119.098 million for its O&M billed by SCE (excluding FF&U) reflects SDG&E's share of SONGS-related O&M costs provisionally authorized by the Commission in SCE's Test Year ("TY") 2012 General Rate Case ("GRC") D.12-11-051 and SDG&E's TY2012 D.13-05-010. Each month, SDG&E compared 1/12th of the revenue requirement with billings received from SCE in order to calculate the under/over collection. In accordance with Section 4.9(f) of the SONGS OII Settlement Agreement, SDG&E refunded ratepayers the recorded year-end 2013 SONGSBA overcollection through a reduction to the under-collected ERRA balance.<sup>21</sup>

For the period of June through December 2013, SCE billed SDG&E approximately \$51 million for O&M, of which approximately \$46.47 million are classified as decommissioning costs. If the Commission approves SDG&E's requested trust disbursement, section 4.9(f) of the Settlement Agreement requires SDG&E to refund the \$46.47 million through a reduction to the under-collected Energy Resource Recovery Account ("ERRA") balance. Thus, Trust disbursements for these costs will not result in double-recovery for SDG&E.

#### *ii. Capital and Capital-Related Expenditures*

SCE invoices SDG&E for its share of capital, capital-related and M&S decommissioning expenditures for SONGS 2&3 including contractual overheads for payroll adders and administrative and general ("A&G") costs. Based on information provided by SCE, SDG&E had recorded costs of \$1.60 million in decommissioning related capital and M&S costs in 2013.<sup>22</sup>

These capital-related costs include expenditures related to spent fuel storage and site-security projects. For example, this category includes capital costs associated with the safe disassembly of the Unit 2 reactor, the transport of Unit 2 fuel assemblies from the reactor vessel to the Spent Fuel Pool, and security modifications that began in 2013 to reduce the footprint of the protected area and security staffing, while maintaining NRC requirements.

Pursuant to the terms of the Settlement Agreement, SDG&E recovers in rates the full amounts recorded as SONGS-related capital, also called "CWIP".<sup>23</sup> SDG&E is currently recovering in rates its recorded SONGS-related capital decommissioning costs incurred June through December 2013.<sup>24</sup> The completed CWIP for 2013 is also included in SDG&E's regulatory asset for 2013.

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<sup>21</sup> AL 2672-E, (approved March 10, 2015, effective January 1, 2015).

<sup>22</sup> Again, because of SDG&E's inability to track billed costs by WBS or NRC categories, SDG&E is not able to provide a more detailed comparison of its billed capital costs to the DCE at this time.

<sup>23</sup> Settlement Agreement at Section 4.9(a).

<sup>24</sup> See SDG&E AL 2672-E (approved March 10, 2015, effective January 1, 2015).

However, the Settlement Agreement also states that SDG&E “will, to the extent permitted by applicable tax laws without penalty and CPUC action, seek reimbursement of Completed CWIP that enters service after June 7, 2013, as expenses from the Nuclear Decommissioning Trusts rather than recovering this investment through rates. The Utilities will not amortize in rates any portion of the Completed CWIP balance that has been paid for by the Nuclear Decommissioning Trusts.”<sup>25</sup> Similarly, the Settlement Agreement states that SDG&E will seek reimbursement of the M&S Investment from the Trusts, to the extent permitted, and it will not amortize in rates any portion of the M&S that is paid for by the Trust.

Therefore, if and when SDG&E receives a trust fund disbursement for its decommissioning capital and M&S costs incurred in 2013, SDG&E will stop amortizing in rates those costs and the trust funds would be credited to the regulatory asset going forward (i.e., that amount and any future associated return would be removed from the regulatory asset going forward). Any amount already collected from ratepayers as part of the Settlement Agreement implementation would be returned to ratepayers in a subsequent rate true-up.

*iii. SDG&E Only Costs (100%)*

In June through December 2013, SDG&E recorded “SDG&E only” expenses necessary to carry out its oversight role at SONGS as well as SDG&E’s decommissioning expenses. SDG&E incurred all of these costs itself (100%). It did not receive bills from SCE for any of these costs. In addition, none of these costs fall into the “non-O&M” categories.

<b>SDG&amp;E 2013 DECOMMISSIONING INTERNAL COSTS (June 2013 to December 2013)</b>					
2013\$ (With Loaders)	LABOR	NON-LABOR			TOTAL
		CONSULTAN T	OUTSIDE LEGAL	INTERNAL	
SDG&E RECORDED	\$284,584	\$0	\$230,508	\$6,312	\$521,404
DCE	\$233,000	\$227,000	\$227,000	\$115,000	\$802,000
VARIANCE	\$51,584	\$(227,000)	\$3,508	\$(108,688)	\$(280,596)

Internal SDG&E costs fall into three main categories. First, SDG&E records labor costs for personnel directly involved in carrying out its role in overseeing and reviewing activities at the plant and SDG&E continues to retain a site representative at the SONGS worksite to review day-

<sup>25</sup> Settlement Agreement at Section 4.8(b).

to-day decommissioning activities and progress, and provide contact and interaction with SONGS decommissioning management and personnel. In addition, SDG&E retains personnel to review invoices and track expenditures against SCE-internal budgets, including those for O&M, capital and fuel contracts, and property leasing considerations.

The second type of SDG&E-only cost in 2013 is the use of outside decommissioning experts. Once the SONGS closure was announced, the SONGS Operating Agreement was no longer applicable to SONGS. Therefore, SDG&E retained outside legal counsel to provide expert advice and assistance during the negotiations and drafting of the SONGS Decommissioning Agreement among SONGS Participants and other decommissioning issues for SDG&E related to state and federal decommissioning requirements.

SDG&E has recorded SDG&E-only costs as \$521,404 for June through December 2013. These activities are exclusive of internal accounting, audit, legal, and other activities for which costs are allocated through capital A&G overhead loaders and non-capital A&G FERC accounts.

Because these costs are specific to SDG&E, and not billed by SCE, they were not recorded in the SONGSBA.

SDG&E had an authorized revenue requirement of \$0.235 million for some of these costs from its GRC related to SDG&E's 'oversight' of SONGS. For those costs with an authorized revenue requirement, SDG&E's 2013 costs were below the authorized amount. In accordance with the SONGS OII Settlement Agreement, SDG&E will refund any Trust funds received for these amounts through a reduction to the under-collected ERRRA balance.

Some of these costs, specifically the costs associated with outside decommissioning consultants and decommissioning law experts, do not have an authorized revenue requirement because they were unforeseen costs at the time of SDG&E's last GRC filing (December 2010). Therefore, SDG&E has had to expense those amounts, and thus, will retain any trust disbursements for those costs.

#### *iv. Non-O&M Costs*

Another category of decommissioning costs that are eligible to be paid with Trust funds, are SONGS Non-O&M costs,<sup>26</sup> which are defined in the Settlement Agreement as all SONGS-related expenses recorded in FERC accounts 408, 924, 925, and 926 that are *not*:

- (a) Non-O&M Balancing Account Expenses;
- (b) Capitalized overhead; *or*
- (c) Recorded in FERC accounts 517-532.<sup>27</sup>

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<sup>26</sup> See Settlement Agreement at Para. 2.28.

<sup>27</sup> Settlement Agreement at Para. 2.28.

The FERC Uniform System of Accounts<sup>28</sup> defines account 924 as property insurance, account 925 as injuries and damages (including liability insurance), account 408 as taxes other than income (i.e., property taxes) and account 926 as Pension and Benefits. Thus, this AL focuses on costs recorded by SDG&E between June and December 2013 for SONGS Non-O&M costs, specifically:

- Insurance, including Property and Liability
- Property Taxes

SDG&E’s Pension and Benefit expenses related to SONGS in 2013 are not included in SONGS Non-O&M costs as they are imbedded in O&M costs billed by SCE, and are thus included in O&M expenses billed by SCE as described in Section V.A.i above.

SDG&E incurs property tax directly, while SCE bills SDG&E for insurance. None of these costs were subject for inclusion in the SONGSBA<sup>29</sup> and were therefore unbalanced.

<b>SDG&amp;E 2013 NON-O&amp;M Decommissioning Costs (June 2013 to December 2013)</b>			
2013\$ (With Loaders)	INSURANCE	PROPERTY TAXES	TOTAL
RECORDED	\$877,532	\$2,643,468	\$3,521,000
DCE	\$1,106,714	\$133,688	\$1,240,402
VARIANCE	\$(229,182)	\$2,509,780	\$2,280,598

**1. Insurance**

SDG&E pays SONGS nuclear property and liability insurance cost through policies held by SCE with Nuclear Electric Insurance Limited (“NEIL”). Non-nuclear property and liability insurance is held by SCE through a variety of insurers and brokers. SDG&E is billed for its share of insurance policy costs by SCE.<sup>30</sup> In June through December 2013, SDG&E recorded \$877,532 for insurance related to the decommissioning of SONGS.

If the Commission approves SDG&E’s requested trust disbursement, section 4.9(g) of the Settlement Agreement requires SDG&E to refund the \$877,532 through a reduction to the under-collected ERRA balance. Thus, Trust disbursements for these costs will not result in double-recovery for SDG&E.

<sup>28</sup> 18 CFR §101.

<sup>29</sup> D.06-11-026 allows SDG&E to balance SONGS O&M cost. Insurance and Taxes are A&G expenses and were therefore not balanced.

<sup>30</sup> Includes workers’ compensation.

**2. Property Taxes**

SDG&E property taxes related to its ownership interest in SONGS are assessed by the California State Board of Equalization (“SBE”).<sup>31</sup> Because SDG&E is a regulated public utility, its property taxes are assessed by the SBE as an entire unit. The SBE allocates SDG&E’s total unitary property tax assessment to the various Counties where SDG&E’s property is located. The Counties issue property tax bills based on the State’s allocation of SDG&E’s property tax assessment to each County. SDG&E pays the property taxes directly to the Counties.

In June through December 2013, SDG&E recorded \$2.643 million for taxes (which included an accrual made prior to the cash payment of the due due) and a prepaid asset related to the decommissioning of SONGS.

If the Commission approves SDG&E’s requested trust disbursement, section 4.9(g) of the Settlement Agreement requires SDG&E to refund the \$2.643 million through a reduction to the under-collected ERRA balance. Thus, if and when SDG&E receives a reimbursement from the Trusts for these costs, SDG&E intends to apply those reimbursements in the manner they were originally recorded, in accordance with GAAP standards.

*v. Energy for SONGS*

In 2013, SDG&E recorded \$0.37 million for energy for SONGS. After Units 2&3 shut down in January 2012, the SONGS facility continued to take service, except now instead of energy coming from Unit 2 or 3, it had to come into SONGS from the high voltage transmission system, stepped down via each of the Unit’s transformers. For this load, SCE scheduled electricity and subsequently charged SDG&E at the SONGS default load aggregation point (“DLAP”) wholesale price for its 20% co-ownership share.

<p align="center"><b>SDG&amp;E 2013 ENERGY FOR SONGS (June 2013 to December 2013)</b></p>	
<p align="center">2013\$ (With Loaders)</p>	<p align="center">ENERGY</p>
<p>RECORDED</p>	<p>\$368,329</p>
<p>DCE</p>	<p>\$502,067</p>
<p>VARIANCE</p>	<p>\$(133,738)</p>

<sup>31</sup> The testimony of Randall G. Rose in the TY2012 GRC, SDG&E-34, addresses property taxes.

From June 7, 2013 onward, SONGS will never again produce electricity or operate on a commercial basis. Accordingly, SDG&E believes that because SONGS is no longer operational, an SDG&E retail tariff is the appropriate tariffed rate. This is the same rate charged to the South Bay Power Plant when it was no longer in service and was undergoing decommissioning. This rate is reasonably reflected in the DCE.

The reason for the variance between the DCE and SDG&E's recorded costs is because SCE continues to bill SCE at a different rate than SDG&E's retail rate, which is used as the basis for the DCE SONGS energy estimate.

SDG&E has provided notice to SCE of its intent to bill SCE for its portion of the decommissioning energy for SONGS at the retail rate. For purposes of this AL, SDG&E assumes that any resolution of this issue, including any subsequent true-up between SCE's and SDG&E's billings, will not alter SDG&E's recorded 2013 costs but rather be reflected cost records in subsequent years.

The cost of providing energy to SONGS is another example of a decommissioning cost that was not anticipated in any previous GRC proceeding, and therefore, SDG&E does not have an authorized revenue requirement for those costs. SDG&E recorded these costs through an internal order that settled to a deferred credit account on the balance sheet. In essence, these costs are residing on an SDG&E balance sheet as a receivable from the Trust. Once SDG&E receives the reimbursement, it will debit cash and credit the different credit amount to clear the balance.

#### *vi. Easements*

SONGS resides on easements and/or land leased from the U.S. Department of the Navy.<sup>32</sup> The SONGS Plant Site Easement (the Plant side) currently requires SONGS to return the land to its original condition at the conclusion of decommissioning.<sup>33</sup>

SDG&E is billed directly by the Navy for the easements. In June through December 2013, SDG&E recorded \$0.011 million for SDG&E's easements billed to SDG&E by the U.S. Navy related to the decommissioning of SONGS.

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<sup>32</sup> There are several leases for which SDG&E is billed by SCE for its portion, and those costs are incorporated into the general SONGS O&M amount. For example, the lease agreement (Mesa side) currently requires SONGS to remove all of the buildings unless the U.S. Navy requests otherwise. "SONGS Shutdown and Decommissioning", CA Senate Energy, Utilities and Communications Committee, August 13, 2013. <http://seuc.senate.ca.gov/sites/seuc.senate.ca.gov/files/08-13-13Edison.pdf>.

Additionally, SONGS maintains a lease with State of California State Lands Commission ("CSLC"), providing access from the Plant site into the Pacific Ocean for SONGS' cooling water supply and discharge conduits. San Onofre Nuclear Generating Station Units 2&3 Post-Shutdown Decommissioning Activities Report at 13. <http://www.songscommunity.com/docs/PSDARRevisionAugust2014.pdf>.

<sup>33</sup> "SONGS Shutdown and Decommissioning", CA Senate Energy, Utilities and Communications Committee, August 13, 2013. <http://seuc.senate.ca.gov/sites/seuc.senate.ca.gov/files/08-13-13Edison.pdf>.

<b>SDG&amp;E 2013 DECOMMISSIONING SITE EASEMENT COSTS (June to December 2013)</b>	
\$2013 (With Loaders)	Site Easement
RECORDED	\$0.011 million
DCE	\$0.0 million
VARIANCE	\$0.011 million

These costs were not recorded in the SONGSBA, and therefore, not balanced. SDG&E receives an authorized revenue requirement for easement costs associated with SONGS in its GRC. For purposes of this request, SDG&E is treating its SONGS easement costs similar to those GRC costs classified as “O&M” under the Settlement Agreement, and therefore, SDG&E intends to use any trust fund reimbursements received for these costs to reduce the ERRA under-collection.

*vii. Nuclear Fuel Contract Cancellation Costs*

The PLR from the IRS notes that costs incurred in connection with the cancellation of nuclear fuel contracts are eligible to be paid from the Trust funds. This includes costs for nuclear fuel contract cancellation costs, including settlement and arbitration costs. SCE has billed SDG&E for its share of nuclear fuel cancellation costs in 2013 of \$2.1 million.

<b>SDG&amp;E 2013 DECOMMISSIONING NUCLEAR FUEL CONTRACT CANCELLATION COSTS (June to December 2013)</b>	
\$2013 (With Loaders)	Fuel Contract Cancellation
RECORDED	\$2.1 million
DCE	\$0
VARIANCE	\$2.1 million

The costs associated with cancelling nuclear fuel contracts is another example of a decommissioning cost that was not anticipated in any previous GRC decision, and therefore, SDG&E does not have an authorized revenue requirement for those costs. As such, SDG&E had to expense those amounts, and thus, will retain trust disbursements for those costs and also apply any applicable Settlement Agreement requirements.

*viii. Costs For Which SDG&E May Already Access Trust Funds*

The last SONGS Decommissioning cost category is those types of costs for which SDG&E does not need Commission authorization to access trust funds. Specifically, decommissioning planning costs and trust administrative costs do not require prior NRC or Commission approval to withdraw from the trusts. SDG&E does not seek Commission authority in this advice letter for trust fund disbursements for these costs.

NRC regulations allow the use of trust funds to pay up to 3% of a generic formula, per unit, for decommissioning planning costs.<sup>34</sup> These costs may be incurred at any time, even before decommissioning begins. These costs include the development of “paper” plans, such as the drafting of the Post Shutdown Activities Report (“PSDAR”).<sup>35</sup> As a result of Commission-approved MTA language, SDG&E does not require Commission approval to access trust funds to pay for these costs.<sup>36</sup>

SDG&E paid SCE \$0.70 million for costs identified by SCE as decommissioning planning costs in 2013.<sup>37</sup> Costs included SCE’s drafting of decommissioning planning documents, such as PSDAR, the Irradiated Spent Fuel Management Report, and the solicitation and review of the next decommissioning cost estimator and decommissioning advisor. SDG&E has already withdrawn a reimbursement for these costs from the trusts.

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<sup>34</sup> 10 CFR 50.82(a)(8)(ii). The generic formula is stated at 10 CFR 50.75. As reported by SCE in the March 2013 decommissioning funding report to the NRC, the formula amount for SONGS decommissioning is \$521.5 million per unit (Units 2&3). SDG&E’s share is 20% of the 3% limit, or \$3.13 million per unit.

<sup>35</sup> U.S. Nuclear Regulatory Commission, *Decommissioning Of Nuclear Power Reactors*, Regulatory Guide 1.184 at 16-17 (July 2000) available at <http://www.ornl.gov/ptp/PTP%20Library/library/NRC/Reguide/01-184.pdf> (“Appropriate activities for the use of the initial 3 percent of the decommissioning funds include engineering designs, work package preparation, and licensing activities. Activities that would not be considered appropriate uses for these planning funds include decontamination, draining of systems, removal of filters, projects designed to demonstrate the feasibility of a particular decommissioning activity, or the decontamination of a building that is no longer required and would ultimately have to be decontaminated before license termination.”).

<sup>36</sup> SDG&E Advice Letter 1056-E, approved February 23, 1998.

<sup>37</sup> The SDG&E Nuclear Trust Committee approved reimbursement of these costs from the Trusts in 2014.



Trust administrative costs, such as taxes, and incidental trust expenses, such as legal, accounting, actuarial and trustee expenses incurred in connection with the operation of the trusts, may be paid with trust funds when they are incurred without Commission approval.<sup>38</sup> SDG&E incurred \$10.1 million in administrative trust fund costs in calendar year 2013 and pursuant to approval by the Trust Fund Committee, withdrew a reimbursement for these costs from the Trusts.

## **VI. Comparison of Recorded Costs to the DCE**

SDG&E provides Attachment B as a reference for SONGS 2&3 costs paid by SDG&E compared to the DCE. SDG&E cautions that Attachment B should not be considered a comprehensive comparison exhibit because it is not possible to directly compare SDG&E's 2013 SONGS 2&3 costs and the DCE estimates for the reasons articulated above.

Subject to the limitations described above, Attachment B compares SDG&E's six-month recorded and accrued decommissioning costs in 2013 to the DCE's forecasted costs for 2013. Attachment B shows that SDG&E's requested trust disbursement of up to \$54.59 million (SDG&E 20% plus SDG&E internal (100%) costs) compared to the SDG&E's approximation what the DCE estimates for 2013 decommissioning costs (\$43.58 million; de-escalated to 2013\$. It is difficult for SDG&E to derive an estimate from the DCE because first, the DCE outlines when SCE as the decommissioning agent (not SDG&E) expects to incur the costs and, second, the DCE estimation for the first time period (Period 1) for site restoration costs are not contained to just June through December 2013, but rather last until June 30, 2015. SDG&E has prorated this Period 1 Site Restoration total to derive a 2013 Site Restoration estimate, but it is unclear if this accurately reflects the DCE's intended timing of cost incurrence.<sup>39</sup> SDG&E will update Attachment B in future disbursement advice letters.

Cognizant of SDG&E's limited ability to directly compare estimated costs in the Early Shutdown Study to its own incurred decommissioning costs, SDG&E has also provided Attachment C. Attachment C, modeled after a similar graph in Pacific Gas & Electric Company's ("PG&E") disbursement advice letters, tracks SDG&E's actual, cumulative, decommissioning expenditures for SONGS 2&3 against the DCE's forecasted expenditures (SDG&E 20% share).<sup>40</sup> SDG&E will update Attachment C in future disbursement advice letters.

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<sup>38</sup> See, e.g., 10 CFR 50.75(i)(B)(iv); Resolution E-3060, issued Nov. 25, 1987 (approving SDG&E's Advice Letter 718-E, seeking approval of SDG&E's MTAs, which include provisions for paying administrative costs as incurred).

<sup>39</sup> The DCE estimate has been deescalated to 2013\$ from 2014\$.

<sup>40</sup> See PG&E Advice Letter 4333-E, filed December 23, 2013, at Attachment 1.

**Impact of the IRS Response to the Dominion Private Letter Ruling**

In December 2014, the IRS issued a PLR for a Dominion nuclear facility. The PLR states that the three NRC bucket categories (i.e., License Termination, Spent Fuel Storage and Site Restoration) are nuclear decommissioning costs and may be paid out of the Trust.

However, the PLR also states that certain spent fuel storage costs may not be reimbursed from the Trust if they will be recovered from through litigation or settlement with the Department of Energy (“DOE”). If Trust funds were used to pay for these costs, it may jeopardize the beneficial tax status of the Qualified Trust.

SDG&E believes that the PLR is based on incorrect assumptions and interpretations of the tax and treasury regulations. In addition, SDG&E does not believe it has a “fixed” right to recover its 2013 spent fuel management costs in the pending litigation against the DOE. However, out of an abundance of caution, if and when SDG&E receives authority from the Commission to reimburse 2013 decommissioning costs with trust funds, SDG&E will not withdraw funds from the qualified trusts for certain spent fuel storage costs until the Dominion PLR issue has been clarified and resolved.

**VII. Request for Relief**

For the reasons explained above, SDG&E requests that the Commission issue a resolution that:

- (1) Designates costs associated with SONGS 2&3 that were incurred on or after June 7, 2013, as “decommissioning costs” eligible to be paid with nuclear decommissioning trust funds; and
- (2) Authorizes SDG&E to obtain interim disbursements of up to \$54.59 million from its SONGS 2&3 trusts for SONGS 2&3 decommissioning expenses incurred in 2013.

**EFFECTIVE DATE**

SDG&E believes that this Advice Letter is classified as Tier 3 (effective after Commission approval) pursuant to GO 96-B, Industry Rule 5.3. SDG&E respectfully requests that the Commission issue a final Resolution approving this Advice Letter as expeditiously as possible.

This filing will not result in an increase in any rates or charges, conflict with any schedules or rules, or cause withdrawal of service.

**PROTEST**

Anyone may protest this Advice Letter to the California Public Utilities Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received by April 21, 2015, which is 20 days from the date this Advice Letter was filed with the Commission. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue  
San Francisco, CA 94102

Copies of the protest should also be sent via e-mail to the attention of the Energy Division at [EDTariffUnit@cpuc.ca.gov](mailto:EDTariffUnit@cpuc.ca.gov). A copy of the protest should also be sent via e-mail to the address shown below on the same date it is mailed or delivered to the Commission.

Attn: Megan Caulson  
Regulatory Tariff Manager  
E-mail: [mcaulson@semprautilities.com](mailto:mcaulson@semprautilities.com)

**NOTICE**

A copy of this filing has been served on the utilities and interested parties shown on the attached list, including interested parties in A.14-12-007 and I.12-10-013 by providing them a copy hereof either electronically or via the U.S. mail, properly stamped and addressed.

Address changes should be directed to SDG&E Tariffs by e-mail at [SDG&ETariffs@semprautilities.com](mailto:SDG&ETariffs@semprautilities.com).

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CLAY FABER  
Director – Regulatory Affairs

# CALIFORNIA PUBLIC UTILITIES COMMISSION

## ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SAN DIEGO GAS & ELECTRIC (U 902)**

Utility type:

ELC

GAS

PLC

HEAT

WATER

Contact Person: Joff Morales

Phone #: (858) 650-4098

E-mail: jmorales@semprautilities.com

### EXPLANATION OF UTILITY TYPE

ELC = Electric

GAS = Gas

PLC = Pipeline

HEAT = Heat

WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2724-E

Subject of AL: Request for (1) Designation of SONGS 2&3 Costs Incurred On or After June 7, 2013 As Decommissioning Costs Eligible for Payment with Trust Funds; and (2) Authorization of Reimbursement...

Keywords (choose from CPUC listing): Power Purchase Agreement

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

D.14-11-040

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: None

Summarize differences between the AL and the prior withdrawn or rejected AL<sup>1</sup>: N/A

Does AL request confidential treatment? If so, provide explanation: N/A

Resolution Required?  Yes  No

Tier Designation:  1  2  3

Requested effective date: -----

No. of tariff sheets: 0

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: N/A

Service affected and changes proposed<sup>1</sup>: N/A

Pending advice letters that revise the same tariff sheets: None

**Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:**

CPUC, Energy Division

Attention: Tariff Unit

505 Van Ness Ave.,

San Francisco, CA 94102

EDTariffUnit@cpuc.ca.gov

San Diego Gas & Electric

Attention: Megan Caulson

9305 Lightwave Ave, SD1190

San Diego, CA 92123

mcaulson@semprautilities.com

General Order No. 96-B  
ADVICE LETTER FILING MAILING LIST

cc: (w/enclosures)

Public Utilities Commission

DRA

S. Cauchois  
R. Pocta  
W. Scott

Energy Division

P. Clanon  
S. Gallagher  
D. Lafrenz  
Tariff Unit

CA. Energy Commission

F. DeLeon  
R. Tavares

Alcantar & Kahl LLP

K. Cameron

American Energy Institute

C. King

APS Energy Services

J. Schenk

BP Energy Company

J. Zaiontz

Barkovich & Yap, Inc.

B. Barkovich

Bartle Wells Associates

R. Schmidt

Braun & Blaising, P.C.

S. Blaising

California Energy Markets

S. O'Donnell  
C. Sweet

California Farm Bureau Federation

K. Mills

California Wind Energy

N. Rader

Children's Hospital & Health Center

T. Jacoby

City of Poway

R. Willcox

City of San Diego

L. Cosio Azar  
D. Weil

Commerce Energy Group

V. Gan

CP Kelco

A. Friedl

Davis Wright Tremaine, LLP

E. O'Neill  
J. Pau

Dept. of General Services

H. Nanjo  
M. Clark

Douglass & Liddell

D. Douglass  
D. Liddell  
G. Klatt

Duke Energy North America

M. Gillette

Dynegy, Inc.

J. Paul

Ellison Schneider & Harris LLP

E. Janssen

Energy Policy Initiatives Center (USD)

S. Anders

Energy Price Solutions

A. Scott

Energy Strategies, Inc.

K. Campbell  
M. Scanlan

Goodin, MacBride, Squeri, Ritchie & Day

B. Cragg  
J. Heather Patrick  
J. Squeri

Goodrich Aerostructures Group

M. Harrington

Hanna and Morton LLP

N. Pedersen

Itsa-North America

L. Belew

J.B.S. Energy

J. Nahigian

Luce, Forward, Hamilton & Scripps LLP

J. Leslie

Manatt, Phelps & Phillips LLP

D. Huard  
R. Keen

Matthew V. Brady & Associates

M. Brady

Modesto Irrigation District

C. Mayer

Morrison & Foerster LLP

P. Hanschen

MRW & Associates

D. Richardson

Pacific Gas & Electric Co.

J. Clark  
M. Huffman  
S. Lawrie  
E. Lucha

Pacific Utility Audit, Inc.

E. Kelly

San Diego Regional Energy Office

S. Freedman  
J. Porter

School Project for Utility Rate Reduction

M. Rochman

Shute, Mihaly & Weinberger LLP

O. Armi

Solar Turbines

F. Chiang

Sutherland Asbill & Brennan LLP

K. McCrea

Southern California Edison Co.

M. Alexander  
K. Cini  
K. Gansecki

TransCanada

H. Romero

TURN

R. Hunter  
D. White

UCAN

M. Hawiger

U.S. Dept. of the Navy

D. Kelly

U.S. Dept. of the Navy

K. Davoodi  
N. Furuta

Utility Specialists, Southwest, Inc.

L. DeLacruz

Utility Specialists, Southwest, Inc.

D. Koser

Western Manufactured Housing

Communities Association

S. Dey

White & Case LLP

L. Cottle

Interested Parties

A.14-12-007  
I.12-10-013

San Diego Gas & Electric Advice Letter 2724-E  
April 1, 2015

## ATTACHMENT A

### 2013 SONGS DECOMMISSIONING COSTS

**ATTACHMENT A  
SDG&E  
2013 SONGS Decommissioning Costs**

<b>Description<sup>1</sup></b>		<b>Decommissioning Cost Estimate (DCE)</b>	<b>2013 SDG&amp;E Recorded Costs (June 7 -Dec 31)</b>
SONGS O&M as billed by SCE		Not available	\$ 46.47 million
Non-O&M Costs (excluding Pension & Benefits)	Insurance (Property and Liability)	\$1.107 million	\$0.878 million
	Property Tax	\$0.134 million	\$2.643 million
SDG&E Internal Costs		\$0.802 million	\$0.521 million
Site Easement Costs		\$0.0 million	\$0.011 million
Nuclear Fuel Contract Cancellation Costs		\$0.0 million	\$2.1 million
SONGS Station Energy		\$0.502 million	\$0.368 million
Capital Expenditure and Material and Supply Billings from SCE		Not available	\$1.60 million

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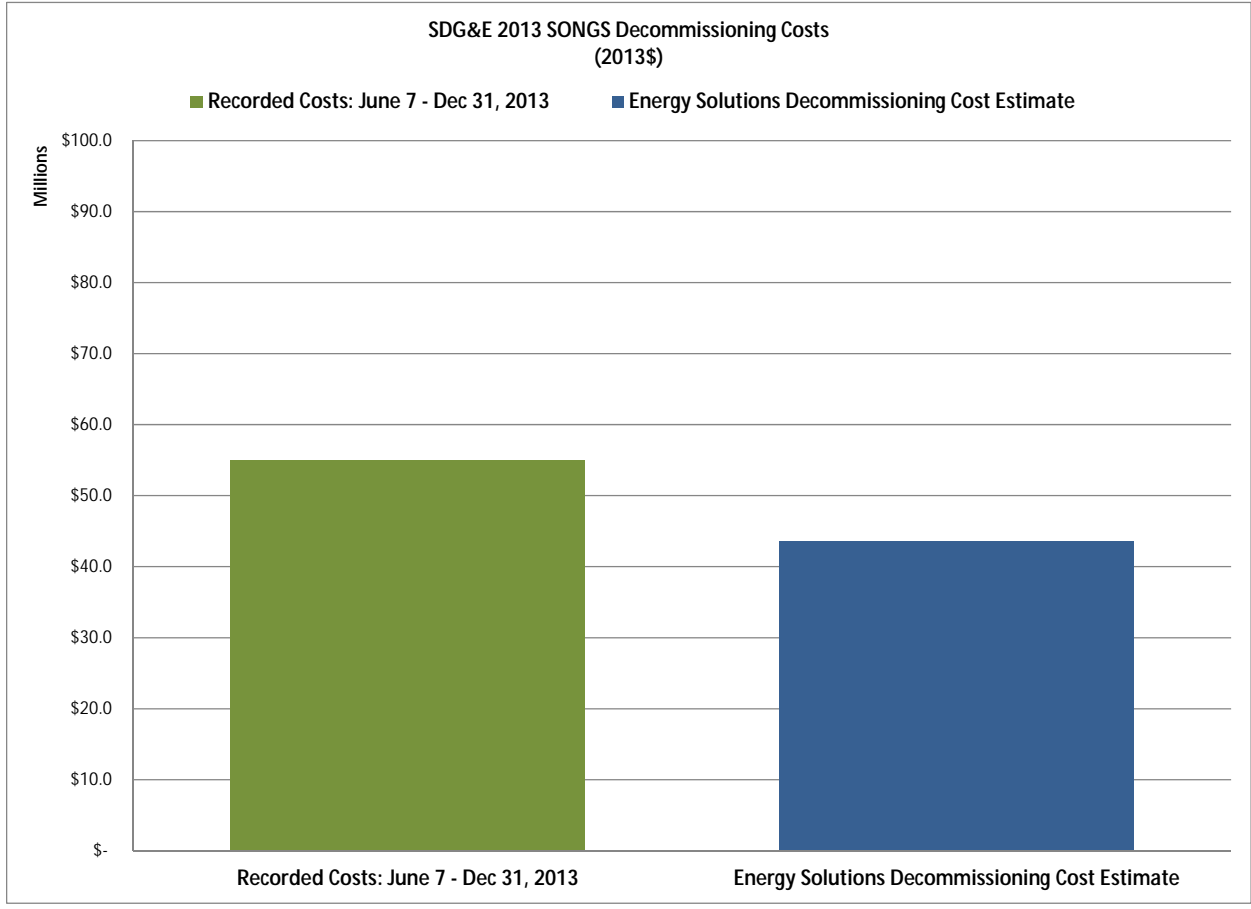
<sup>1</sup> Again, because of SDG&E's inability to track billed costs by WBS or NRC categories, SDG&E is not able to provide a more detailed comparison of its billed O&M or capital-related costs to the DCE at this time.

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## ATTACHMENT B



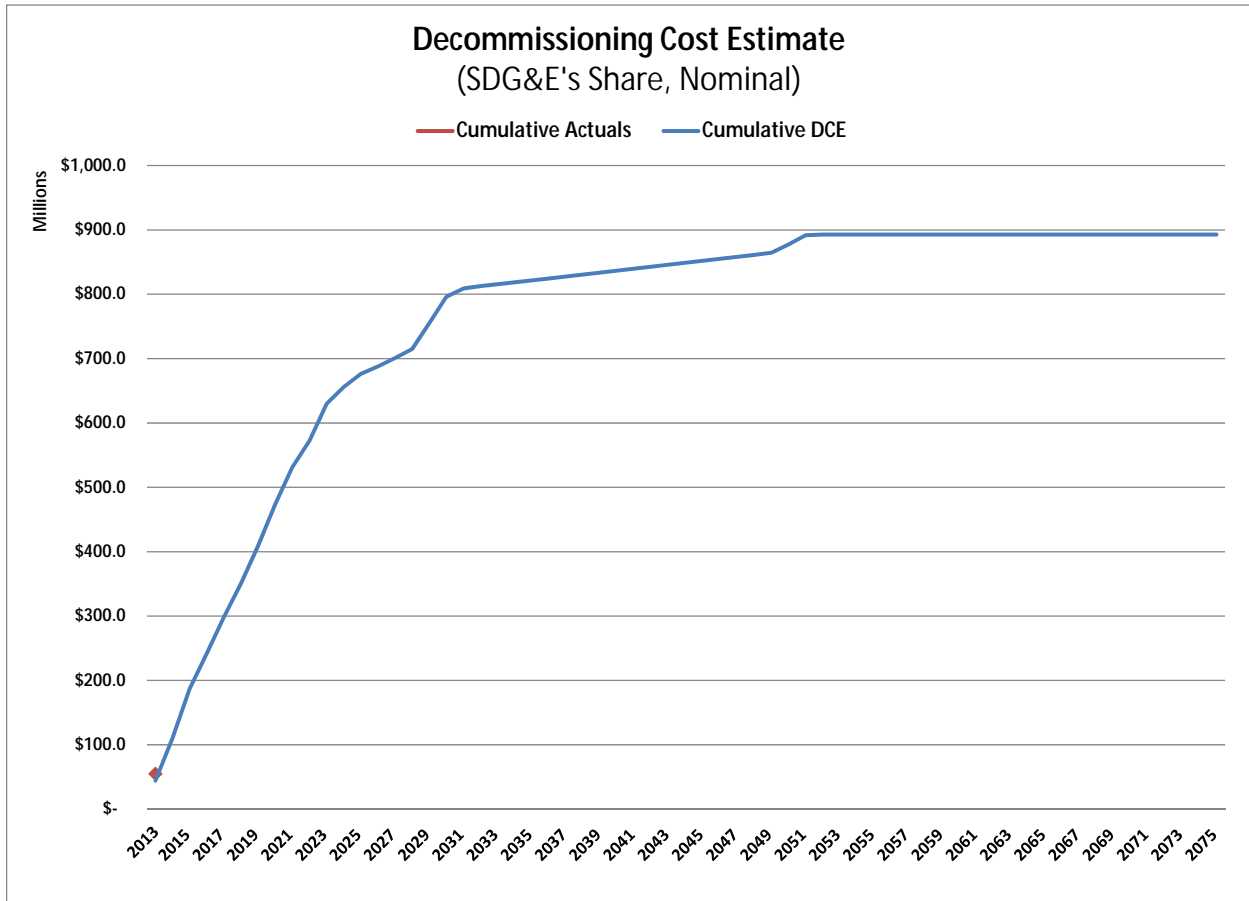
**ATTACHMENT B**  
**SDG&E**  
**2013 SONGS Decommissioning Costs vs. DCE**



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## ATTACHMENT C

**ATTACHMENT C**  
**SDG&E**  
**DCE Forecast vs. 2013 Actuals in 2014\$**



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April 1, 2015

## APPENDIX A

# Appendix A

**Internal Revenue Service**

Department of the Treasury  
Washington, DC 20224

Index Number: 468A.01-00

Third Party Communication: None  
Date of Communication: Not Applicable

Robert Schlax  
Vice President, Controller and CFO  
San Diego Gas & Electric Company  
8306 Century Park Court  
San Diego, CA 92123

Person To Contact:  
Patrick S. Kirwan, ID No. 1000219435

Telephone Number:  
(202) 317-6853

Refer Reply To:  
CC:PSI:B6  
PLR-147158-13

Date: **MAR 31 2014**

**LEGEND:**

Taxpayer	=	San Diego Gas & Electric Company (EIN: 95-1184800)
Parent	=	Sempra Energy (EIN: 33-0732627)
Plant A	=	San Onofre Nuclear Generating Station – Unit Two
Plant B	=	San Onofre Nuclear Generating Station – Unit Three
Location	=	San Diego County, California
Commission	=	California Public Utility Commission
State	=	California
Year A	=	1983
Year B	=	1984
<u>Date 1</u>	=	February 16, 2022
<u>Date 2</u>	=	November 15, 2022
<u>Date 3</u>	=	June 7, 2013
<u>P</u>	=	20%
<u>D</u>	=	20%
Fund	=	Nuclear Decommissioning Fund
Director	=	Industry Director, Natural Resources and Construction

Dear Mr. Schlax:

This letter responds to your request, dated November 8, 2013, for rulings concerning whether certain payments made to employees and certain payments of “pre-dismantlement costs” constitute “nuclear decommissioning costs” as defined in § 468A of the Internal Revenue Code and § 1.468A-1(b)(6) of the Income Tax Regulations. In addition, you ask whether these payments generate a specified liability loss under § 172(f), and if so, what is the earliest taxable year to which such a loss may be carried.

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Taxpayer represents the facts and information relating to its request for rulings as follows:

Taxpayer, a corporation, is wholly-owned (through an additional corporation) by Parent. Taxpayer owns a P percent interest in both Plant A and Plant B and is responsible for D percent of the cost of decommissioning each Plant. The Plants are at Location and the amended operating license of Plant A is scheduled to expire on Date 1 and the operating license of Plant B is scheduled to expire on Date 2. On Date 3 Taxpayer notified the Nuclear Regulatory Commission (NRC) that both Plants had permanently ceased operations. With respect to nuclear decommissioning costs that are included in the Taxpayer's cost of service for ratemaking purposes as well as for other matters, Taxpayer is subject to regulation by Commission. Taxpayer maintains a separate Fund for each of the Plants. Commission has authorized collections of amounts for decommissioning from ratepayers and the Service has approved schedules of ruling amounts for contributions to these Funds.

In the transition of the Plants from operational status to a safe shutdown and then to physical dismantlement of the Plants and restoration of the site as required by Commission and the Nuclear Regulatory Commission, the operational workforce of the Plants will be reduced overall. The Taxpayer has broadly described the types of tasks to be performed by employees during the decommissioning process as follows: (1) to plan and design all of the logistical and technical aspects required to take a nuclear power plant from an operational-ready status to safe shutdown and non-operational status to a fully dismantled and restored site; (2) to ensure the safe and orderly transition of the Plants from an operational-ready status to safe shutdown and non-operational status; (3) maintain the Plants in a safe condition during the actual dismantlement of the Plants; and (4) dismantle, remove, and restore the site to its regulatory and legally required condition. When employees are no longer needed for operation and or any phase of the decommission process, those employees are released from service with the Taxpayer. Rules of the Commission allow the collection of decommissioning amounts for the severance and other assistance payments to separated employees who become unemployed as a result of decommissioning.

In addition to the severance payments described above, Taxpayer will incur "pre-dismantlement costs." These costs are described by the Taxpayer broadly as follows: (1) preparation for physical decommissioning of the units; (2) consolidation and restoration of the facilities of the Plants and the site upon which they are located; (3) security for the Plants and the surrounding site; (4) communication with affected communities regarding the permanent retirement of the Plants and plans for decommissioning of the Plants; and (5) staffing costs incurred as a result of the permanent retirement and prior to the commencement of physical dismantlement of major components of the Plants.

For reasons of administrative necessity, many of the costs described above will be paid initially, either by an unrelated company that owns the remainder of Plant A and

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Plant B not owned by Taxpayer, or by Taxpayer. These costs will then be reimbursed to the unrelated company or to Taxpayer by the Fund.

Taxpayer requests the following rulings:

- (1) Severance payments as described in the Taxpayer's request constitute "nuclear decommissioning costs" within the meaning of § 468A and § 1.468A-1(b)(6), and therefore can be paid out of the Funds for the related Plant.
- (2) Pre-dismantlement decommissioning costs as described above constitute "nuclear decommissioning costs" within the meaning of § 468A and § 1.468A-1(b)(6), and therefore can be paid out of the Funds for the related
- (3) Reimbursement by the Funds to the unrelated company or to the Taxpayer of severance payments and pre-dismantlement decommissioning costs represent a permissible use of the Funds under § 468A(c)(4) and §§ 1.468A-5(a)(3)(i) and 1.468A-5(b)(2)(i), and is not a prohibited self-dealing transaction under § 1.468A-5(b)(1).
- (4) May deductions for the Severance Payments described in Issue 1 and the Pre-Dismantlement Decommissioning Costs described in Issue 2 generate a specified liability loss under § 172(f), and if so, what is the earliest taxable year to which such a loss may be carried?

## LAW AND ANALYSIS

### Issues 1, 2, and 3

Section 468A(a) was added to the Code in 1984 by Deficit Reduction Act of 1984, Pub. L. No. 98-369. Section 468A(a) allows owners/operators of nuclear power plants to currently deduct the future costs of decommissioning a nuclear power plant by making contributions to a Fund prior to when economic performance occurs.

Section 468A(c)(1) and § 1.468A-2(d)(1) generally require the owner/operator to include in gross income amounts that are distributed from a Fund. In addition to any deduction under section 468A(a) for contributions to a Fund, section 468A(c)(2) recognizes that an owner/operator may deduct otherwise deductible nuclear decommissioning costs, (such as under § 162), for which economic performance (within the meaning of section 461(h)) occurs during a taxable year.

Section 468A(e)(4) limits the use of the amounts in a Fund to satisfying any liability of any person contributing to the Fund for the decommissioning of a nuclear power plant, the payment of administrative and other incidental expenses of the Fund, and making investments.



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Section 1.468A-1(b)(6) states, in part, that "nuclear decommissioning costs" means "all otherwise deductible expenses to be incurred in connection with the entombment, decontamination, dismantlement, removal and disposal of the structures, systems and components of a nuclear power plant, whether that nuclear power plant will continue to produce energy or has permanently ceased to produce electric energy. Such term includes all otherwise deductible expenses to be incurred in connection with the preparation for decommissioning, such as engineering and other planning expenses, and all otherwise deductible expenses to be incurred with respect to the plant after the actual decommissioning occurs, such as physical security and radiation monitoring expenses."

Section 162 generally allows a deduction for the ordinary and necessary expenses paid or incurred during the taxable year in carrying on any trade or business.

Section 468A(e)(5) provides that, under regulations prescribed by the Secretary, for purposes of § 4951 the Fund shall be treated in the same manner as a trust described in § 501(c)(21). This section is implemented by § 1.468A-5(b). Section 1.468A-5(b)(1) states that the excise taxes imposed by § 4951 apply to each act of self-dealing between the Fund and a disqualified person.

In part, § 1.468A-5(b)(2) defines "self-dealing" for purposes of § 468A and the regulations thereunder as any act described in section 4951(d) except: (i) A payment by a nuclear decommissioning fund for the purpose of satisfying, in whole or in part, the liability of the electing taxpayer for decommissioning costs of the nuclear power plant to which the nuclear decommissioning fund relates.

Section 1.468A-5(b)(3) provides that the term "disqualified person" includes each person described in § 4951(e)(4) and § 53.4951-1(d). Section 4951(e)(4) of the Code provides the term "disqualified person," with respect to a trust, includes a contributor to the trust and a trustee of the trust.

Section 1.468A-5(c)(1)(i) provides that if at any time during the taxable year a qualified nuclear decommissioning fund does not satisfy a requirement of section 1.468A-5(a), the Service may, in its discretion, disqualify all or a portion of the fund as of the date that the fund does not satisfy such requirements.

Section 1.468A-5(c)(3) provides that, if all or any portion of a qualified nuclear decommissioning fund is disqualified under section 1.468A-5(c)(1), the portion of the qualified nuclear decommissioning fund that is disqualified is treated as distributed to the electing taxpayer on the date of the disqualification. Such a distribution shall be treated for purposes of section 1001 as a disposition of property held by the qualified nuclear decommissioning fund. In addition, the electing taxpayer must include in gross income for the taxable year that includes the date of disqualification an amount equal to the product of the fair market value of the assets of the fund determined as of the date of disqualification (reduced by certain amounts including any tax that is (1) imposed on

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the income of the fund, (2) is attributable to income taken into account before the date of the disqualification or as a result of the disqualification, and (3) has not been paid as of the date of the disqualification) and the fraction of the qualified nuclear decommissioning fund that was disqualified under section 1.468A-5(c)(1).

We have examined the representations and information submitted by the Taxpayer in relation to the requirements set forth in § 468A and the regulations thereunder. Based solely upon these representations of the facts, we conclude that severance payments and pre-dismantlement decommissioning costs are nuclear decommissioning costs within the meaning of § 468A and § 1.468A-1(b)(6). The expenses, as broadly described by Taxpayer, are incurred in connection with the entombment, decontamination, dismantlement, removal, and disposal of the structures, systems, and components of a nuclear power plant. We note that we are not ruling on any particular expense but on broad categories of expense and emphasize that each specific expense must satisfy the tests in § 468A and the regulations thereunder.

Regarding the reimbursement by the Funds of severance payments and predismantlement decommissioning costs, these amounts fall into two groups: (1) those paid initially by the unrelated company and then invoiced to Taxpayer and paid by the Funds and (2) those paid initially by the unrelated company, invoiced and paid by Taxpayer and then reimbursed by the Funds to Taxpayer. In both cases, we conclude that such payments are a permissible use of the Funds and that the reimbursements are within the exception to the self-dealing rules contained in § 1.468A-5(b)(2)(i). That section defines "self-dealing" for purposes of § 468A and the regulations thereunder as any act described in section 4951(d) except "(i) A payment by a nuclear decommissioning fund for the purpose of satisfying, in whole or in part, the liability of the electing taxpayer for decommissioning costs of the nuclear power plant to which the nuclear decommissioning fund relates." Here the reimbursement of severance payments and pre-dismantlement decommissioning costs made by the Funds are made for the purpose of satisfying the liability of Taxpayer for decommissioning costs of the nuclear power plant to which the Fund relates and are therefore not "self-dealing." Thus, the reimbursement by the Funds to the unrelated company or to Taxpayer of severance payments and pre-dismantlement decommissioning costs represent a permissible use of the Funds. This reimbursement constitutes an amount distributed from a Fund as described in § 468A(c)(1) and § 1.468A-2(d)(1). We note that this ruling applies only to reimbursement of the amounts paid for the severance payments and the pre-dismantlement decommissioning costs by the Taxpayer, and not any additional amounts such as "service fees" or any other amounts not solely to reimburse Taxpayer for decommissioning costs actually paid.

#### Issue 4

Section 172(a) allows a deduction for the taxable year equal to the aggregate of (1) the net operating loss carryovers to such year, plus (2) the net operating loss carrybacks to such year. With certain modifications, § 172(c) defines a net operating

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loss as the excess of the deductions allowed by Chapter 1 of the Code over the gross income.

Section 172(b)(1)(A) generally provides that a net operating loss (NOL) for any taxable year is carried back to each of the 2 taxable years preceding the taxable year of the loss and carried forward to each of the 20 taxable years following the year of the loss. However, § 172(b)(1)(C) provides a special carryback period for the portion of any NOL that qualifies as a specified liability loss.

Section 172(f)(1)(B)(i) defines a specified liability loss, in part, as any amount allowable as a deduction under Chapter 1 of the Code (other than §§ 468(a)(1) or 468A(a)) which is in satisfaction of a liability under a federal or state law requiring the decommissioning of a nuclear power plant (or any unit thereof) that is taken into account in computing the NOL for the taxable year. Section 172(f)(1)(B)(ii) provides that a deduction for a liability may only generate a specified liability loss if (I) the act (or failure to act) giving rise to such liability occurs at least 3 years before the beginning of the taxable year, and (II) the taxpayer used an accrual method of accounting throughout the period or periods during which such act (or failure to act) occurred.

Section 172(f)(3) provides that, except as provided in regulations, that portion of a specified liability loss which is attributable to amounts incurred in the decommissioning of a nuclear power plant (or any unit thereof) may, for purposes of subsection (b)(1)(C), be carried back to each of the taxable years during the period (A) beginning with the taxable year in which such plant (or unit thereof) was placed in service, and (B) ending with the taxable year preceding the loss year.

Section 1.446-1(c)(1)(ii)(A) provides that under an accrual method of accounting, a liability is incurred and generally taken into account for federal income tax purposes in the year in which all the events have occurred that establish the fact of the liability, the amount of the liability can be determined with reasonable accuracy, and economic performance has occurred with respect to the liability.

Section 461(h) makes clear that generally the all events test is not treated as having been met any earlier than the taxable year in which economic performance has occurred with respect to a liability. See also section 1.461-4(a)(1) of the regulations.

Section 461(h)(2)(B) provides that in the case of a liability that requires the taxpayer to provide services, economic performance occurs as the taxpayer provides the services. Section 1.461-4(d)(4) of the regulations provides that economic performance occurs with respect to such service liabilities as the taxpayer incurs costs in connection with the satisfaction of the liability.

The phrase "amounts incurred in the decommissioning of a nuclear power plant" should be interpreted to have the same meaning as the term "nuclear decommissioning costs" under § 468A because the relevant language contained in both §§ 172(f)(3) and

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468A was added to the Code by the same section of the Tax Reform Act of 1984 (the 1984 Act), and both sections were intended to provide relief to the nuclear power plant industry. See generally H. Rep. No. 861, 98th Cong., 2d Sess. 877 (1984). Accordingly, a taxpayer's expenses in decommissioning the power plants that are deductible under Chapter 1 of the Code are "amounts incurred in the decommissioning of a nuclear power plant" under section 172(f)(3) to the extent they are amounts described in section 1.468A-1(b)(6) of the regulations.

Moreover, the act or failure to act giving rise to such liabilities has occurred at least 3 years prior to the beginning of the taxable year when such liabilities will be deductible. In the case of pre-dismantlement decommissioning costs, the act giving rise to the liability occurred when licenses to operate the Plants were granted and the Plants were placed in service. In the case of the liability for severance payments, the act giving rise to such liability was when State enacted a statute which could be interpreted to allow such costs and the Commission approved such costs as decommissioning expenses. Finally, the Taxpayer uses the accrual method of accounting. Consequently, to the extent deductions for nuclear decommissioning costs generate an NOL, that portion of the NOL will qualify as a specified liability loss as defined in § 172(f).

The remaining issue concerns the taxable years to which such a loss may be carried. As a general rule, § 172(b)(1)(C) allows the unabsorbed portion of a specified liability loss to be carried back to each of the 10 taxable years preceding the taxable year of the loss, with the 10<sup>th</sup> preceding taxable year being the first year to which the loss is carried. However, as noted above, § 172(f)(3) generally permits the portion of a specified liability loss attributable to nuclear decommissioning expenses to be carried back to each of the taxable years during the period (A) beginning with the taxable year in which such plant (or unit thereof) was placed in service, and (B) ending with the taxable year preceding the loss year.

This special rule for NOLs generated by nuclear decommissioning costs and the economic performance requirements of section 461(h) for accrual method taxpayers were both originally enacted in the same section of the 1984 Act. In adding § 172(k) to the Code, the 1984 Act provided for an extended carryback period for such losses. However, former § 172(k)(4) did not allow carrybacks to taxable years beginning before January 1, 1984, unless the loss could be carried back to those years without the benefit of special rules for deferred statutory or tort liability losses.

In section 11811 of the Omnibus Budget Reconciliation Act of 1990 (the 1990 Act), Congress reorganized the provisions in section 172. Congress placed the 10-year carryback for product liability losses and what had previously been called deferred statutory or tort liability losses under the same subsection of § 172, namely § 172(f), labeling such losses specified liability losses. After striking certain sections of § 172, in section 11811(b)(2)(A) of the 1990 Act Congress enacted a new § 172(f). Included in section 11811(b)(2)(B) of the 1990 Act is the following savings provision which continued the carryback limitation originally contained in the 1984 Act:

The portion of any loss which is attributable to a deferred statutory or tort liability loss (as defined in § 172(k) of the Internal Revenue Code of 1986 as in effect on the day before the date of the enactment of this Act) may not be carried back to any taxable year beginning before January 1, 1984, by reason of the amendment made by subparagraph (A).

In section 3004 of the Tax and Trade Relief Extension Act of 1998 (the 1998 Act), Congress restricted the types of liabilities the deduction of which could generate a specified liability loss to five enumerated liabilities (in addition to product liability losses), including federal or state law liabilities to decommission a nuclear power plant (or any unit thereof). Prior to the 1998 Act, a specified liability loss could be based on any deduction arising out of a federal or state law provided the additional requirements of the statute were satisfied.

In contrast to the prior acts, in the 1998 Act Congress did not enact a savings provision prohibiting the carryback of specified liability losses to any taxable year beginning before January 1, 1984. Plant A was placed in service in Year A, but Plant B was placed in service in Year B. This raises the question of whether the portion of any specified liability loss attributable to expenses to decommission Plant A may be carried back to Year A, a taxable year beginning before January 1, 1984.

In the 1998 Act Congress only amended the definition of a specified liability loss. Congress did not amend the Code sections that addressed the taxable years to which such losses could be carried back. Congress did not amend section 172(f)(3) which contains the special carryback rule for specified liability losses attributable to deductions for nuclear decommissioning costs. Consequently, the savings provision contained in the 1990 Act continues to apply to section 172(f)(3) after the purely definitional changes that Congress made in the 1998 Act. Therefore, the first taxable year that any specified liability loss attributable to decommissioning Plant A may be carried back to is Year B. The first taxable year that the portion of any specified liability loss attributable to decommissioning Plant B may be carried back to is also Year B.

Except as specifically determined above, no opinion is expressed or implied concerning the Federal income tax consequences of the transaction described above. We note that, even though the granting of the license by the NRC is the act giving rise to the liability, the liability is not incurred until economic performance occurs – when the actual decommissioning takes place. The taxpayer may apply § 172(f) after such time.

This ruling is directed only to the Taxpayer who requested it. Section 6110(k)(3) of the Code provides it may not be used or cited as precedent. In accordance with the

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power of attorney on file with this office, a copy of this letter is being sent to your authorized representatives. We are also sending a copy of this letter ruling to the Director.

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Sincerely,



Peter C. Friedman  
Senior Technician Reviewer, Branch 6  
(Passthroughs & Special Industries)

# McDermott Will & Emery

Boston Brussels Chicago Düsseldorf Frankfurt Houston London Los Angeles Miami  
Milan Munich New York Orange County Paris Rome Seoul Silicon Valley Washington, D.C.  
Strategic alliance with MWE China Law Offices (Shanghai)

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November 8, 2013

BY HAND DELIVERY

Internal Revenue Service  
Associate Chief Counsel  
(Passthroughs & Special Industries)  
Attn: CC:PA:LPD:DRU, Room 5336  
1111 Constitution Avenue, NW  
Washington, DC 20224

RECEIVED  
INTERNAL REVENUE SERVICE  
2013 NOV 14 PM 2:56

Re: San Diego Gas & Electric Company (EIN: 95-1184800)  
Ruling Request Under Sections 468A and 172  
Regarding Nuclear Decommissioning Costs

Dear Sir or Madam:

On behalf of San Diego Gas & Electric Company (the “Company”), we respectfully request a ruling from the Internal Revenue Service (the “Service”) that the term “nuclear decommissioning costs” in section 468A<sup>1</sup> and Treas. Reg. § 1.468A-1(b)(6), and the term “amounts incurred in the decommissioning of a nuclear power plant” in section 172(f), include (i) separation payments made to employees as a result of the permanent retirement and decommissioning of a nuclear power plant, and (ii) certain costs incurred as a result of the permanent retirement of such plant, but prior to the date that physical dismantling of major components of the plant begins. The Company currently maintains separate qualified nuclear decommissioning reserve funds (the “Funds”)<sup>2</sup> for Unit Two of the San Onofre Nuclear

<sup>1</sup> All “section” references are to the Internal Revenue Code of 1986, as amended (the “Code”), and all “Treas. Reg. §” references are to the Treasury regulations promulgated thereunder.

<sup>2</sup> Each of the Funds meets the requirements of a qualified nuclear decommissioning reserve fund under section 468A.

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Generating Station and associated facilities (“SONGS 2”) and for Unit Three of the San Onofre Nuclear Generating Station and associated facilities (“SONGS 3,” and together with SONGS 2, the “Units” and each a “Unit”). Subject to a favorable ruling from the Service, the trustee of the Funds may be instructed to disburse assets from the Funds in satisfaction of the separation payments (“Severance Payments”), as described below, and certain costs incurred as a result of the permanent retirement and decommissioning of the Units, but prior to the date that physical dismantling of major components of the plant begins (“Pre-Dismantlement Decommissioning Costs”), as described below.

The Company also requests a ruling from the Service that any reimbursement by the Funds to the Company for the Severance Payments and the Pre-Dismantlement Decommissioning Costs represents a permissible use of the Funds under section 468A(e)(4) and Treas. Reg. §§ 1.468A-5(a)(3)(i) and 1.468A-5(b)(2)(i) and such reimbursement is not a prohibited self-dealing transaction under Treas. Reg. § 1.468A-5(b)(1). In addition, the Company requests a ruling that the Severance Payments and Pre-Dismantlement Decommissioning Costs are specified liability losses under section 172(f), and, to the extent that they are taken into account in computing a net operating loss (“NOL”) of the Company in the taxable year incurred, the specified liability losses attributable to the Severance Payments and Pre-Dismantlement Decommissioning Costs are eligible to be carried back to each of the taxable years starting with 1984 and ending with the taxable year preceding the loss.

It is our understanding that the majority owner and operator of the Units, Southern California Edison Company (“SCE” or “Operator”), requested a similar ruling from the Service on similar issues by letter dated August 23, 2013.



**I. STATEMENT OF FACTS**

**A. The Company**

The Company (EIN: 95-1184800) is incorporated in the state of California and is wholly owned by Enova Corporation, which is wholly owned by Sempra Energy, a California corporation (EIN 33-0732627) (“Parent”). The Company is principally engaged in the generation, transmission, and distribution of electric energy in southern California.

The Company’s principal place of business is 8306 Century Park Court, San Diego, California, 92123. Parent and its affiliated group of corporations, including the Company, electronically file with the Service a consolidated federal income tax return on a calendar year basis using the accrual method of accounting. The Company is under the audit jurisdiction of the Communications, Technology & Media Industry of the Internal Revenue Service.

**B. The Units**

**1. Generally**

The Company owns a 20 percent minority interest in and is responsible for 20 percent of the decommissioning liability for each of SONGS 2 and SONGS 3. SCE, which operates the Units, owns a 78.21 percent interest in and is responsible for 76.31 percent of the decommissioning liability for each of SONGS 2 and SONGS 3.<sup>3</sup> Currently, SCE invoices the Company for the Company’s 20 percent share of the decommissioning costs for the Units. Payment is due from the Company within 30 days of receipt of an invoice from SCE for such

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<sup>3</sup> The City of Riverside owns the remaining 1.79 percent interest in each of SONGS 2 and SONGS 3. In addition, SCE purchased the 3.16 percent interest in each of the Units owned by The City of Anaheim (“Anaheim”) on December 29, 2006. However, Anaheim retained 1.9 percent of the decommissioning liability for each of the Units based on the pro rata portion of the Units’ lives that Anaheim held an ownership interest. Thus, SCE is responsible for 76.31 percent of the decommissioning liability for the Units.

costs. Thus, the Company will be responsible for 20 percent of the Severance Payments and Pre-Dismantlement Decommissioning Costs, as described herein.

The Units are located on the coast of Southern California in San Diego County. SONGS 2 was placed in service in 1983 and SONGS 3 was placed in service in 1984. The original operating license for SONGS 2 was issued by the Nuclear Regulatory Commission (“NRC”) in 1982 and was scheduled to expire on February 16, 2022. The original operating license for SONGS 3 was issued by the NRC in 1982 and was scheduled to expire on November 15, 2022. On June 7, 2013, the Operator formally notified the NRC that it had permanently ceased operations of the Units. As a result, and pursuant to NRC Regulations (10 C.F.R.) § 50.82(a)(2), the operating licenses for the Units no longer authorize operation of the reactors or emplacement or retention of fuel into the reactors vessels.

The Service issued a schedule of deduction amounts and a revised schedule of ruling amounts to the Company dated July 28, 2011 with respect to SONGS 2 (the “SONGS 2 Prior Schedule”). In order to make a special transfer to a qualified nuclear decommissioning reserve fund (“qualified fund”) under section 468A, a taxpayer is required to obtain from the Service a schedule of deduction amounts which specifies the annual deductions over the taxable years in the remaining useful life of a nuclear power plant that will result in the deduction of the entire special transfer.<sup>4</sup> A copy of the SONGS 2 Prior Schedule is attached hereto as Exhibit A.

The Service issued a revised schedule of ruling amounts to the Company dated March 23, 2004 with respect to SONGS 3 (the “SONGS 3 Prior Schedule”). A copy of the SONGS 3 Prior

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<sup>4</sup> Treas. Reg. § 1.468A-8(c)(1). A request for a schedule of deduction amounts may be combined with a request for a schedule of ruling amounts. *Id.*

Schedule is attached hereto as Exhibit B. The SONGS 2 Prior Schedule and the SONGS 3 Prior Schedule are collectively referred to herein as the "Prior Schedules."

The Company is subject to regulation by the California Public Utilities Commission ("CPUC"). Since the issuance of the Prior Schedules, any change in amounts collected by the Company for decommissioning as a result of subsequent CPUC proceedings has not required the Company to seek revised schedules of ruling amounts under section 468A(d) with respect to the Units. The Company is not currently requesting a revision to the approved schedules of ruling amounts in the Prior Schedules at this time. However, the Company is presently participating in its nuclear decommissioning cost triennial proceeding pending before the CPUC, and depending upon the outcome in that proceeding, the Company may file requests under section 468A for revised schedules of ruling amounts with respect to the Units.

**2. Permanent Retirement of the Units**

On June 6, 2013, the Company was notified that the Operator had reached a decision to permanently retire SONGS 2 and SONGS 3, and to seek approval to start decommissioning activities for the Units. A copy of the Company's Form 8-K filing with the Securities Exchange Commission ("Commission") dated June 7, 2013, is attached hereto as Exhibit C.

On June 12, 2013, pursuant to 10 C.F.R. § 50.82(a)(1)(i), the Operator formally notified the NRC in a Certification of Permanent Cessation of Power Operations that it had permanently ceased operation of the Units effective as of the Permanent Retirement Date. On June 28, 2013, pursuant to 10 C.F.R. § 50.82(a)(1)(ii), the Operator sent a letter to the NRC certifying that fuel had been removed from SONGS 3. On July 22, 2013, the Operator sent a similar letter certifying

that fuel had been removed from SONGS 2. Copies of the June 12, 2013, June 28, 2013 and the July 22, 2013 letters sent to the NRC by the Operator are attached hereto as Exhibit D.

Pursuant to the terms of 10 C.F.R. § 50.82(a)(2), once the Operator's certifications are docketed by the NRC, the operating licenses for the Units no longer authorize the operation of the reactor or emplacement or retention of fuel in the reactor vessels. In accordance with 10 C.F.R. § 50.82(a)(3), the decommissioning of the Units must be completed within sixty years of the permanent cessation of operations. Thus, the decommissioning period of the Units commenced upon permanent cessation of operations (i.e., the Permanent Retirement Date of June 7, 2013).

3. **Staff Reductions After Permanent Retirement and Commencement of the Decommissioning Period**

Prior to the Permanent Retirement Date, the Operator of the Units employed approximately 1,500 people in connection with the operation and maintenance of the Units. The Company employed three people in connection with the Units. The process of safely taking the Units from an operational-ready status to a non-operational decommissioning status as a result of the permanent retirement will require a reduction in the workforce for the Units by approximately 1100 employees. The Company does not plan to reduce its current workforce at the Units; however, as noted above, the Company will be responsible for 20 percent of the costs of the reduction of the workforce consistent with its ownership percentage in the Units.

The Operator's employees affected by the permanent retirement of the Units will include: (i) employees who work on-site at the Units and who are involved in the safe and orderly process of taking the Units from its operational-ready status to a non-operational decommissioning status

(the “On-Site Pre-Dismantlement Employees”); (ii) employees who work off-site from the Units and provide logistical support and service to the Units during the safe and orderly decommissioning of the Units from operational-ready status to a non-operational decommissioning status, and throughout the physical dismantling process (the “Off-Site Support Employees”); and (iii) employees who will remain on-site at the Units throughout the physical dismantling process (“On-Site Dismantling Employees”). The Operator has already separated On-Site Pre-Dismantlement Employees and certain Off-Site Support Employees. By the time the Units are dismantled and removed from the site, and the site is restored to its required conditions, the On-Site Dismantling Employees and remaining Off-Site Support Employees will also be separated.

#### **4. Nuclear Decommissioning Cost Studies**

Section 8323 of the California Public Utilities Code (“California Pub. Util. Code”) requires regulated utilities, such as the Company, to establish rates for the collection of funds necessary for the future nuclear decommissioning of its Units. As part of the process of establishing estimated decommissioning costs, the Operator has utilized the nuclear industry consulting services of ABZ, Incorporated (“ABZ”) to prepare decommissioning cost estimates that were used to establish nuclear decommissioning costs in rates approved in decisions by the CPUC. The Company used a Decommissioning Cost Estimates prepared by ABZ dated October 2001 (the “2001 Decommissioning Cost Estimate”) and a Decommissioning Cost Estimated prepared by ABZ dated July 2005 (the “2005 Decommissioning Cost Estimate”) as the bases for its requests to the CPUC for the authority to collect nuclear decommissioning costs in rates. The Company also used the ABZ decommissioning cost estimates, along with the decisions by the

CPUC based on such estimates, in its prior requests for schedules of ruling amounts from the Service under section 468A. The 2001 Decommissioning Cost Estimate and the 2005 Decommissioning Cost Estimate are attached hereto as Exhibit E and Exhibit F, respectively.

In obtaining the Prior Schedules, the Company submitted CPUC Decisions 07-01-003,<sup>5</sup> and 03-10-015<sup>6</sup> (the “Prior CPUC Decisions”). The assumptions used in the Prior CPUC Decisions were based on the 2001 Decommissioning Cost Estimate and the 2005 Decommissioning Cost Study. Both the 2001 Decommissioning Cost Estimate and the 2005 Decommissioning Cost Estimate included severance payments and activity costs consistent with the Severance Payments and Pre-Dismantlement Decommissioning Costs described herein. Copies of the relevant pages from the detailed cost schedules relating to the decommissioning of the Units for the 2001 Decommissioning Cost Study (the “2001 Supporting Schedules”) are attached hereto as Exhibit G-1 and Exhibit G-2, for SONGS 2 and SONGS 3, respectively. Copies of the relevant pages from the detailed cost schedules relating to the decommissioning of the Units for the 2005 Decommissioning Cost Study (the “2005 Supporting Schedules”) are attached hereto as Exhibit H-1 and Exhibit H-2, for SONGS 2 and SONGS 3, respectively.

For the Company’s current nuclear decommissioning cost triennial proceeding, ABZ prepared a Decommissioning Cost Estimate 2013 Scenario in connection with the permanent retirement of the Units in 2013, dated July 11, 2013, and attached hereto as Exhibit I (the “2013 Decommissioning Cost Estimate”).<sup>7</sup> The Company’s share of the total estimated

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<sup>5</sup> D.07-01-003, dated January 11, 2007, in Application 05-11-008.

<sup>6</sup> D.03-10-015, dated October 2, 2003, in Application 02-03-039.

<sup>7</sup> The 2013 Decommissioning Estimate is an update of the Decommissioning Cost Estimate prepared by ABZ dated December 14, 2012, which reflected a retirement of the Units in 2022. See Exhibit I, pages 3-4.

decommissioning cost for each Unit (in 2011 dollars) is its 20 percent responsibility for the decommissioning liability for each Unit. The 2013 Decommissioning Cost Estimate includes the Severance Payments and Pre-Dismantlement Decommissioning Costs described herein. Copies of the relevant pages from the detailed cost schedules relating to the decommissioning of the Units from the 2013 Decommissioning Cost Estimate (the "2013 Supporting Schedules") are attached hereto as Exhibit J-1 and J-2, for SONGS 2 and SONGS 3, respectively.

**C. Nature of the Request**

**1. Severance Payments**

In order to fully decommission, dismantle, and remove a nuclear power plant, and to also restore the site to its regulatory and legally required condition, highly skilled and knowledgeable personnel will be required throughout the entire process to ensure that all of these activities are performed in a safe and orderly manner and in accordance with regulatory and other legal requirements. As part of the decommissioning process, personnel are needed to: (1) plan and design all of the logistical and technical aspects required to take a nuclear power plant from an operational-ready status to a fully dismantled and restored site; (2) ensure the safe and orderly transition of the plant from an operational-ready status to a non-operational decommissioning status; (3) maintain the plant in a safe condition during the actual dismantling of the unit; and (4) dismantle, remove and restore the site to the condition required by laws and regulation. All of the costs associated with providing these services are required as part of the decommissioning process. As an owner of a 20 percent minority interest in the Units, as noted above, the Company will be invoiced by the Operator for its 20 percent share of the Operator's relevant

personnel-related costs incurred during the decommissioning of the Units. These costs will include payments to the Operator's On-Site Pre-Dismantlement Employees, Off-Site Support Employees, and On-Site Dismantling Employees in their capacities associated with providing the services described above as part of the decommissioning process. During the decommissioning process, the Operator will also pay its On-Site Pre-Dismantlement Employees for decommissioning planning and for the safe and orderly transition of the Units from their operational-ready status to a safe shutdown non-operational status. The Operator will also pay its Off-Site Support Employees for providing logistical support to personnel during the decommissioning process of taking the Units from their operational-ready status to a safe shutdown non-operational status, and from a safe shutdown non-operational status to a fully dismantled and restored site. The Operator will also pay its On-Site Dismantling Employees for any decommissioning planning, maintaining the plant in a safe state of condition during the decommissioning process, and dismantling and restoring the site.

As each of these decommissioning processes are completed by the three categories of employees (i.e., On-Site Pre-Dismantlement Employees, Off-Site Support Employees and On-Site Dismantling Employees) and other personnel (i.e., contractors), the Company anticipates that many of the Operator's employees and contractors will be released from their services. Included in these costs for services performed by employees in their respective decommissioning process will be Severance Payments, which include one-time payments and medical and outplacement related services. These Severance Payments are made consistent with the California Pub. Util. Code requirements for the decommissioning of nuclear facilities. Section



8322(g) of the California Pub. Util. Code states that “[d]ecommissioning nuclear facilities causes electric utility employees to become unemployed through no fault of their own, and these employees are entitled to reasonable job protection the costs of which are properly includable in the costs of decommissioning.” In addition, Section 8330 of the California Pub. Util. Code states:

Every electrical utility involved in decommissioning, closure, or removal of nuclear facilities, shall provide assistance in finding comparable alternative employment opportunities for its employees who become unemployed as the result of decommissioning, closure, or removal. The commission or the board shall authorize the electrical utility to collect sufficient revenue through electric rates and charges to recover the costs, if any, of compliance with this section.

The Company has complied with the decommissioning requirements of the California Pub. Util. Code for purposes of collecting amounts for its Funds, and, as noted above, the Company will be responsible for its 20 percent share of Severance Payments for the Operator’s employees throughout the decommissioning process.

**2. Pre-Dismantlement Decommissioning Costs**

The Operator is currently incurring Pre-Dismantlement Decommissioning Costs related to the process of taking its Units, after the commencement of the decommissioning period on the Permanent Retirement Date (pursuant to 10 C.F.R. § 50.82(a)(3)), from an operational-ready status to a non-operational decommissioning status just prior to the commencement of the physical dismantling of major components of the Units. The Company will be invoiced by the Operator for its 20 percent share of such Pre-Dismantlement Decommissioning Costs. These Pre-Dismantlement Decommissioning Costs include costs related to (1) planning and designing the logistical and technical aspects required to take the Units from an operational-ready status to

a fully dismantled and restored site, (2) ensuring the safe and orderly transition of the plants from an operational-ready status through to a non-operational decommissioning status, and (3) maintaining the plants in a safe condition prior to the physical dismantling of the major components of the Units.

Costs that will qualify as Pre-Dismantlement Decommissioning Cost activities can be grouped into several categories including, but not limited to: (1) preparation for physical decommissioning of the Units; (2) consolidation and restoration of the facilities comprising SONGS 2 and SONGS 3 and the site upon which they are located; (3) security for the Units and the surrounding site; (4) communication with affected communities regarding the permanent retirement of the Units and plans for the physical decommissioning of the Units; and (5) staffing costs incurred as a result of the permanent retirement and prior to the commencement of physical dismantlement of major components of the Units. Some specific examples of these costs include:

1. Preparation for Physical Dismantlement

- Planning for decommissioning and managing the safe shutdown of the Units by various teams of Operator and Company personnel;
- Removing fuel from the Units;
- Flushing, draining and de-energizing various systems of the Units;
- Removing oil and chemicals from the Units; and
- Terminating supply and other contracts, implementing regulatory requirements and modifying the performance evaluation criteria and corrective action program for the Units.

2. Consolidation and Restoration

- Reducing inventory and reducing and terminating plant modification projects;
  - Relocating administration building(s), warehouse, information technology and telecom facilities and related personnel;
  - Demolishing unnecessary administrative, petrol and non-radioactive waste facilities and restoring affected areas as required by related leases or regulatory authorities;
  - Reducing the transportation pool; and
  - Adjusting maintenance projects and procedures for the Units.
3. Security
- Increasing security personnel due to reduced operating personnel on site.
4. Communication
- Circulating information about the changes at the Units to surrounding residents and businesses; and
  - Liaising with appropriate community groups and local governing bodies.
5. Staffing
- Paying salaries and benefits to remaining employees and consultants supporting the above described decommissioning process; and
  - Paying fees associated with modifications to collective bargaining agreements caused by the permanent shutdown of the Units.
6. Tax, Insurance and Lease Payments
- Paying property taxes, insurance and lease payments with respect to the Units.

Although the foregoing list is extensive, it is only intended to illustrate the types of Pre-Dismantlement Decommissioning Costs, and is not all-inclusive.

**3. Reimbursement from the Funds**

Pending the Service's ruling in this request, the Company will use its general funds to make payments on invoices from SCE in connection with its 20 percent share of any Severance Payments and Pre-Dismantlement Decommissioning Costs. However, upon receipt of a favorable ruling from the Service on the issues addressed herein, the Company will seek reimbursement from the Funds with respect to such payments, or the Company will direct the Funds to make payments on invoices in connection with the Company's share of any Severance Payments and Pre-Dismantlement Decommissioning Costs directly to SCE or the party hired to decommission the Units (the "Decommissioning Agent").

## II. RULINGS REQUESTED

With respect to costs incurred in connection with the permanent retirement and decommissioning of the Units, the Company respectfully requests that the Service issue the following rulings:

1. Severance Payments constitute "nuclear decommissioning costs" within the meaning of section 468A and Treas. Reg. § 1.468A-1(b)(6), and therefore can be paid out of the Funds for their related Units;
2. Pre-Dismantlement Decommissioning Costs incurred on or after the Permanent Retirement Date constitute "nuclear decommissioning costs" within the meaning of section 468A and Treas. Reg. § 1.468A-1(b)(6), and therefore can be paid out of the Funds for their related Units;
3. Reimbursement by the Funds to the Company or SCE of Severance Payments and Pre-Dismantlement Decommissioning Costs represents a permissible use of the Funds under

section 468A(e)(4) and Treas. Reg. §§ 1.468A-5(a)(3)(i) and 1.468A-5(b)(2)(i), and is not a prohibited self-dealing transaction under Treas. Reg. § 1.468A-5(b)(1); and

4. Severance Payments and Pre-Dismantlement Decommissioning Costs are specified liability losses under section 172(f), and to the extent that they are taken into account in computing a NOL of the Company in taxable years 2013 and beyond, the specified liability losses attributable to the Severance Payments and Pre-Dismantlement Decommissioning Costs are eligible to be carried back to each of the taxable years starting with 1984 and ending with the taxable year preceding the loss year.

### III. STATEMENT OF LAW AND DISCUSSION

#### A. Section 468A – Definition of “Nuclear Decommissioning Costs”

Section 468A provides a deduction for amounts contributed to a qualified fund. Section 468A(e)(4) and Treas. Reg. § 1.468A-5(a)(3)(i) provide that the assets of a qualified fund can only be used to (i) satisfy, in whole or in part, the liability of the electing taxpayer for decommissioning costs of the nuclear power plant to which the nuclear decommissioning fund relates; (ii) pay administrative costs and other incidental expenses of the nuclear decommissioning fund; and (iii) the extent that the assets of the qualified fund are not currently required for the purposes described in paragraph (i) or (ii), to make investments.

The term “nuclear decommissioning costs” is defined in Treas. Reg. § 1.468A-1(b)(6), and includes:

[A]ll otherwise deductible expenses to be incurred in connection with the entombment, decontamination, dismantlement, removal and disposal of the structures, systems and components of a nuclear power plant, whether that nuclear power plant will continue to produce electric energy or has permanently ceased to produce electric energy. *Such term includes all otherwise deductible expenses to*

*be incurred in connection with the preparation for decommissioning, such as engineering and other planning expenses, and all otherwise deductible expenses to be incurred with respect to the plant after the actual decommissioning occurs, such as physical security and radiation monitoring expenses.*

(Emphasis added.) There is no additional guidance in the Code, related Treasury Regulations, and other formal guidance issued by the Service providing further specifics on the definition of “nuclear decommissioning costs.” However, the “emphasis added” portion highlighted in the definition above indicates a reasonable allowance for nuclear decommissioning costs to include costs that are “in connection with the preparation for decommissioning” and for “other planning expenses.” As such, “preparation for decommissioning” should include costs associated with safely and systematically bringing a nuclear unit, after its permanent retirement and during its decommissioning period pursuant to 10 C.F.R. § 50.82(a), from an operational-ready status to the point that the physical dismantling of the unit may begin. “Other planning expenses” should include planning and designing all of the logistical and technical aspects required to take a nuclear power plant from an operational-ready status to a fully dismantled and restored site.

The Service recognized the broad interpretation of the term “nuclear decommissioning costs” in Chief Counsel Advice 200931007<sup>8</sup> (“CCA”) and recognized the importance of the role of the public utility commission in the determination of what constitutes decommissioning costs for purposes of section 468A.<sup>9</sup> In the CCA, the Service stated that the regulation “has always been given a broad reading.” The Service further stated that the broad interpretation of nuclear decommissioning costs encompasses costs incurred to remove components while the plant

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<sup>8</sup> Mar. 11, 2009.

<sup>9</sup> The Treasury regulation citations in the CCA are to the temporary regulations issued in T.D. 9374, 72 Fed. Reg. 74175 (Dec. 28, 2007). As noted above, the definition in Treas. Reg. § 1.468A-1(b)(6) expanded and clarified the definition of “nuclear decommissioning costs” that was contained in former Treas. Reg. § 1.468A-1(b)(5).

remains operational “is in accord with the generally understood meaning of [nuclear decommissioning costs] as used by public service commissions or other regulators of the nuclear industry in calculating the amount that utilities are allowed to recover from taxpayers.” Moreover, the Service explicitly rejected a narrow interpretation of the predecessor to Treas. Reg. § 1.468A-1(b)(6) in the CCA, stating that it recognized that the predecessor regulation “can be read more strictly, . . . and that the ambiguity in those regulations may cause uncertainty. However, we believe that the conclusion reached herein is more in concert with the principles underlying 468A and the common practice of the nuclear industry.” This broad interpretation should equally apply to a nuclear power plant that has permanently ceased operations. The Service also recognized the broad interpretation of nuclear decommissioning costs in Private Letter Ruling 200711015,<sup>10</sup> stating that such costs are “defined broadly to include expenses incurred before, during, and after the actual decommissioning process of the nuclear power plant that has ceased operations.”

Treas. Reg. § 1.468A-3 requires taxpayers to receive a schedule of ruling amounts from the Service before the taxpayers may deduct contributions made to a qualified nuclear decommission fund. Treas. Reg. § 1.468A-5(a)(3)(A) limits the assets in a qualified nuclear decommissioning fund to only amounts that would be used exclusively to satisfy, in whole or part, the liability of the taxpayer’s “decommissioning costs” of the nuclear power plant. In determining whether the schedule of ruling amounts provides sufficient funding for a taxpayer’s nuclear decommissioning costs, Treas. Reg. § 1.468A-3(a)(4) states that the “taxpayer bears the burden of demonstrating that the proposed schedule of ruling amount is consistent with the

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<sup>10</sup> Nov. 30, 2006.

principles and provisions of this section and is based on reasonable assumptions.” Thus, the taxpayer must demonstrate that its proposed nuclear decommissioning costs are reasonable and consistent with the principles of section 468A. The regulation states further that if “a public utility commission established or approved the currently applicable rates for the furnishing or sale by the taxpayer of electricity from the plant, the taxpayer can generally satisfy this burden of proof by demonstrating that the schedule of ruling amounts is calculated using the assumptions used by the public utility commission in its most recent order.”

In establishing its Prior Schedules approved by the Service for both SONGS 2 and SONGS 3, the Company submitted with its ruling request the Prior CPUC Decisions that authorized applicable rates for the furnishing by the Company of electricity from its Units. These rates have been calculated to include the collection of funds for severance payments and activity costs consistent with the Severance Payments and the Pre-Dismantlement Decommissioning Costs described in this ruling request.<sup>11</sup>

The 2001 Decommissioning Cost Estimate and the 2005 Decommissioning Cost Estimate, citing to the California Pub. Util. Code, stated that the estimated decommissioning costs included “staff termination costs for displaced [Company] personnel after permanent cessation of operations, and after termination of decommissioning projects . . .”<sup>12</sup>

The Severance Payments resulting from the permanent retirement of the Units and the Pre-Dismantlement Decommissioning Costs each represents a type of cost that the CPUC has

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<sup>11</sup> See the 2001 Supporting Schedules, Exhibit G-1 and Exhibit G-2; the 2005 Supporting Schedules, Exhibit H-1 and Exhibit H-2.

<sup>12</sup> See Exhibit E, page 14 and Exhibit F, page 15. The SONGS 2 Prior Schedule was calculated based on the 2005 Decommissioning Cost Estimate and the SONGS 3 Prior Schedule was calculated based on the 2001 Decommissioning Cost Estimate. Both estimates incorporated staff termination costs.



previously approved as part of a decommissioning cost estimate, consistent with California Pub. Util. Code Sections 8321 through 8330. The costs are also consistent with the definition of decommissioning and the principles of section 468A and its related regulations.

**B. The California Pub. Util. Code**

The California Pub. Util. Code provides the framework for the safe and prudent decommissioning of nuclear power plants located in California, and provides the CPUC with the authority to allow electrical corporations to collect sufficient revenue in rates to recover such costs.<sup>13</sup> The ability to collect costs related to decommissioning under the California Pub. Util. Code, combined with section 468A, allows taxpayers to make tax deductible contributions into qualified funds for the decommissioning of related plants. If the decommissioning of a nuclear power plant “causes electric utility employees to become unemployed through no fault of their own, . . . [then] these employees are entitled to reasonable job protection,” and the California Pub. Util. Code provides that such costs shall be “includable in the costs of decommissioning.”<sup>14</sup> Furthermore, the California Pub. Util. Code also provides that an electric utility that is involved in the decommissioning, closure, or removal of a nuclear power plant “shall provide assistance in finding comparable alternative employment opportunities for its employees who become unemployed as the result of decommissioning, closure, or removal.”<sup>15</sup>

As noted above, California Pub. Util. Code Section 8322(g) provides that costs incurred in connection with the decommissioning of a nuclear power plant related to employees who become unemployed as a result of the decommissioning are treated as decommissioning costs.

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<sup>13</sup> CAL. PUB. UTIL. CODE § 8330.

<sup>14</sup> CAL. PUB. UTIL. CODE § 8322(g).

<sup>15</sup> CAL. PUB. UTIL. CODE § 8330.

In addition, California Pub. Util. Code Section 8330 provides that the CPUC shall authorize a utility to collect monies from customers to recover costs associated with assisting employees affected by a nuclear power plant closure or decommissioning to find alternative employment opportunities. The California Pub. Util. Code grants authority to the CPUC to include severance payments in decommissioning costs recoverable from customers.<sup>16</sup> The Service has acknowledged in its rulings, and consistent with Treas. Reg § 1.468A-3(a)(4), that it will follow the guidance of public service commissions such as the CPUC in determining whether certain costs are nuclear decommissioning costs for purposes of section 468A. For example, in the CCA, the Service recognized the role that public service commissions play in calculating the amount of decommissioning costs that utilities are allowed to recover from ratepayers. The Severance Payments described above are consistent with the California Pub. Util. Code, as authorized by the CPUC. For this reason, the Service should treat the Severance Payments consistent with the California Pub. Util. Code and the determinations of the CPUC and conclude that the Severance Payments are “nuclear decommissioning costs” for purposes of section 468A.

Accordingly, the Company’s share of Severance Payments and Pre-Dismantlement Decommissioning Costs incurred by the Operator in connection with the permanent retirement of the Units should be treated as “nuclear decommissioning costs” under section 468A and Treas. Reg. § 1.468A-1(b)(6). Therefore, such Severance Payments and Pre-Dismantlement Decommissioning Costs can be paid out of the Funds for the Units

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<sup>16</sup> CAL. PUB. UTIL. CODE § 8330.

**C. Section 468A – Self-Dealing and Consequences of Self-Dealing**

Section 468A and the regulations thereunder prohibit a qualified fund from engaging in certain self-dealing activities with a disqualified person. Section 468A(e)(5) and Treas. Reg. § 1.468A-5(b) provide that an act of self-dealing with respect to a qualified fund is any *direct or indirect act* described in section 4951(d) between the qualified fund and a disqualified person.

Section 4951(d)(1) defines “self-dealing” as including, among others, the following acts engaged in between a qualified fund and a disqualified person: (i) the lending of money or other extension of credit, (ii) the payment of compensation (or reimbursement of expenses), and (iii) the transfer to, or use by or for the benefit of, the income or assets of the trust.<sup>17</sup> Section 4951(e)(4) defines a “disqualified person” as including, among others, a contributor to the trust.<sup>18</sup>

However, Treas. Reg. § 1.468A-5(b)(2) provides for certain exceptions from the self-dealing rules such that if a qualified fund and a disqualified person engage in one of these acts, such act will not constitute an act of self-dealing. One such exception is a payment by a qualified fund for the purpose of satisfying, in whole or in part, the liability of the electing taxpayer for decommissioning costs of the nuclear power plant to which the qualified fund relates.<sup>19</sup>

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<sup>17</sup> Other acts of self-dealing described in section 4951(d)(1) include (i) the sale, exchange, or lease of real or personal property and (ii) the furnishing of goods, services, or facilities.

<sup>18</sup> The statute also provides that a “disqualified person” includes: (i) a trustee of the trust; (ii) an owner of more than 10 percent of the total combined voting power of a corporation, the profits interest in a partnership, or the beneficial interest of a trust or unincorporated enterprise that is a contributor to the trust; (iii) an officer, director, or employee of a person who is a contributor to the trust; (iv) a corporation in which persons described section 4951(e)(4)(A)-(D) own more than 35 percent of the total combined voting power; (v) a partnership in which persons described in section 4951(e)(4)(A)-(D) own more than 35 percent of the profits interest; and (vi) a trust in which persons described in section 4951(e)(4)(A)-(D) own more than 35 percent of the beneficial interest.

<sup>19</sup> Treas. Reg. § 1.468A-5(b)(2)(i). Other exceptions to the self-dealing rules, which are not applicable in this instance, are described in Treas. Reg. § 1.468A-5(b)(2).

As described above in this ruling request, the Severance Payments and the Pre-Dismantlement Decommissioning Costs are treated as “nuclear decommissioning costs” under section 468A and Treas. Reg. § 1.468A-1(b)(6). Thus, the reimbursement by the Funds to the Company (or directly to SCE or the Decommissioning Agent) of “nuclear decommissioning costs” such as the Severance Payments and Pre-Dismantlement Decommissioning Costs satisfies the exception under Treas. Reg. § 1.468A-5(b)(2). Therefore, the reimbursement by the Funds to the Company (or directly to SCE or the Decommissioning Agent) of Severance Payments and Pre-Dismantlement Decommissioning Costs should constitute a permissible use of the Funds under section 468A(e)(4) and Treas. Reg. §§ 1.468A-5(a)(3)(i) and 1.468A-5(b)(2)(i), and should not be a prohibited self-dealing transaction under Treas. Reg. § 1.468A-5(b)(1).

**D. Section 172(f) – Specified Liability Losses**

Under section 172, an NOL generally can be carried back two years and carried forward 20 years. However, if the NOL is a “specified liability loss,” the loss can be carried back 10 years.<sup>20</sup>

Section 172(f)(1) defines a “specified liability loss” as including certain amounts to the extent they are taken into account in computing a NOL for a taxable year. An item that may be included as a specified liability loss is any amount that is allowable as a deduction under chapter 1 of the Code (other than Section 468(a)(1) or 468A(a)) which is in satisfaction of a liability

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<sup>20</sup> Section 172(b)(1)(C).

under a federal or state law requiring the decommissioning of a nuclear power plant (or a unit thereof).<sup>21</sup> Section 172(f)(1)(B)(ii) provides that a liability shall be taken into account only if –

(I) the act (or failure to act) giving rise to such liability occurs at least 3 years before the beginning of the taxable year, and

(II) the taxpayer used an accrual method of accounting throughout the period or period during which such act (or failure to act) occurred.

In any event, the amount of a specified liability loss for any taxable year cannot exceed the amount of the NOL for such year.<sup>22</sup> The act (or failure to act) that gives rise to liabilities for decommissioning a nuclear power plant arises in the year in which the plant's operating license is granted.<sup>23</sup>

Section 172(f)(3) further extends the normal 10 year carryback period for specified liability losses attributable to amounts incurred in decommissioning a nuclear power plant or a unit thereof. Specifically, such losses can be carried back to each of the taxable years beginning with the later of taxable year 1984 or the taxable year in which the plant or unit was "placed in service." Section 172(f)(3) does not have a provision that limits specified liability losses attributable to nuclear decommissioning costs from being carried back to a taxable year prior to 1984. However, such language appears in the enacting statute that led to the enactment of

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<sup>21</sup> Section 172(f)(1)(B)(i)(II). Other items includable as a specified liability loss include (i) amounts allowable as a deduction under section 162 or 165 which are attributable to product liability or expenses incurred in the investigation or settlement of, or opposition to, claims against the taxpayer on account of product liability, and (ii) amounts allowed as a deduction which are in satisfaction of a liability under a Federal or state law requiring – (a) the reclamation of land, (b) the dismantlement of a drilling platform, (c) the remediation of environmental contamination, or (d) a payment under any workers compensation act (within the meaning of section 461(h)(2)(C)(i)).

<sup>22</sup> Section 172(f)(2).

<sup>23</sup> See PLR 200711015, *supra* note 10. In the ruling, the taxpayer incurred nuclear decommissioning costs in Year 1. The Service stated that the taxpayer's nuclear decommissioning costs "were incurred during the Year 1 tax year, which was more than 3 years after the licenses to operate the plants were granted and the liabilities arose." Thus, the Service ruled that the taxpayer satisfied all of the section 172(f) requirements and that the taxpayer's NOL attributable to the nuclear decommissioning costs qualify as section 172(f) specified liability losses.

section 172(f)(3).<sup>24</sup> Therefore, such limitation is applicable and specified liability losses attributable to nuclear decommissioning costs cannot be carried back to a taxable year prior to 1984.

As discussed above in this ruling request, the Severance Payments and Pre-Dismantlement Decommissioning Costs are “nuclear decommissioning costs” under section 468A and Treas. Reg. § 1.468A-1(b)(6). In several private letter rulings, the Service recognizes the nexus between “nuclear decommissioning costs” for purposes of section 468A and “amounts incurred in the decommissioning of a nuclear power plant” for purposes of section 172(f).

For example, in Private Letter Ruling 9409011,<sup>25</sup> the Service stated:

The phrase “amounts incurred in the decommissioning of a nuclear power plant” should be interpreted to have the same meaning as the term “nuclear decommissioning costs” under section 468A because both sections 172(f)(3) and 468A were added to the Code in 1984, and both sections were intended to provide relief to the nuclear powerplant industry. See generally H. Rep. No. 861, 98<sup>th</sup> Cong., 2d Sess. 877 (1984). Accordingly [taxpayer’s] expenses in decommissioning the power plant that are deductible under chapter 1 of the Code are “amounts incurred in the decommissioning of a nuclear power plant” under

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<sup>24</sup> Section 172(f)(3) regarding specified liability losses attributable to nuclear decommissioning costs was added to the Code by Section 11811(b)(2)(A) of the Omnibus Budget Reconciliation Act of 1990, P.L. 101-508 (Nov. 5, 1990) (the “1990 Act”). Section 11811 of the 1990 Act eliminated and redesignated certain provisions of section 172. Specifically, Section 11811(b)(1) of the 1990 Act eliminated subsections (g), (h), (i), and (k) from section 172, and redesignated subsections (j), (l), (m), and (n) as, respectively, subsections (f), (g), (h), and (i). Section 11811(b)(2)(A) of the 1990 Act then amended redesignated section 172(f) to provide rules relating to specified liability losses. Prior to its amendment, redesignated section 172(f) (former section 172(j)) provided rules relating to product liability losses, but did not contain special rules relating to losses attributable to decommissioning a nuclear power plant. Additionally, Section 11811(b)(2)(B) of the 1990 Act provides:

The portion of any loss which is attributable to a deferred statutory or tort liability loss (as defined in section 172(k) of the Internal Revenue Code of 1986 as in effect on the day before the date of the enactment of [the 1990 Act]) *may not be carried back to any taxable year beginning before January 1, 1984, by reason of the amendment made by [Section 11811(b)(2)(A)].*

(Emphasis added.)

<sup>25</sup> Nov. 24, 1993.

section 172(f)(3) of the Code to the extent they are amounts described in section 1.468A-1(b)(5)<sup>26</sup> of the regulations

(Emphasis added.) Similarly, in Private Letter Ruling 200711015,<sup>27</sup> the Service examined costs associated with (i) storing spent nuclear fuel assemblies onsite, (ii) purchasing canisters for such storage, (iii) operating and securing independent spent fuel storage installation facilities, and (iv) removing steam generators and reactor vessel heads, and stated:

*As discussed above, the costs described herein are nuclear decommissioning costs under §1.468A-1(b)(5). Thus, such costs are amounts incurred in the decommissioning of a nuclear power plant under § 172(f).*

(Emphasis added.)

Accordingly, because the Severance Payments and Pre-Dismantlement Decommissioning Costs are “nuclear decommissioning costs” for purposes of section 468A, they are costs “incurred in the decommissioning of a nuclear power plant,” eligible for extended carryback treatment under section 172(f) if the other requirements of section 172 are satisfied.

The Severance Payments and Pre-Dismantlement Decommissioning Costs are deductible as ordinary and necessary business expenses under section 162 or as abandonment losses under section 165. Therefore, they satisfy the requirement of section 172(f)(1)(B)(i) that they be deductible under chapter 1 of the Code (other than section 468(a) or 468A(a)).

Further, the Severance Payments and Pre-Dismantlement Decommissioning Costs are incurred at least three years after the NRC issued operating licenses for the Units,<sup>28</sup> which gave rise to these decommissioning liabilities. Finally, the Company has used and is using the accrual

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<sup>26</sup> Treas. Reg. § 1.468A-1(b)(6) now embodies earlier Treas. Reg. §1.468A-1(b)(5).

<sup>27</sup> *Supra*, note 10.

<sup>28</sup> 1982 for both Units.

method of accounting for all relevant taxable years. Therefore the Severance Payments and Pre-Dismantlement Decommissioning Costs satisfy the requirements of section 172(f)(1)(B)(ii).

SONGS 2 was placed in service in 1983 and SONGS 3 was placed in service in 1984. Accordingly, to the extent that the Severance Payments and Pre-Dismantlement Decommissioning Costs are taken into account in computing a NOL of the Company in taxable years 2013 and beyond, they are eligible as specified liability losses to be carried back to each of the taxable years starting with 1984 and ending with the taxable year preceding the loss year.

#### **IV. PROCEDURAL MATTERS**

##### **A. Revenue Procedure 2013-1 Statements**

1. The Company represents that, to the best knowledge of the Company and the Company's representatives, no earlier return of the Company (or of a related taxpayer within the meaning of section 267 or of a member of an affiliated group of which the Company is also a member within the meaning of section 1504) that would be affected by the requested letter ruling is under examination, before Appeals, or before a Federal court.

2. The Company represents that, to the best knowledge of the Company and the Company's representatives, the Service has not previously ruled on the same or a similar issue for the Company (or a related taxpayer within the meaning of section 267 or of a member of an affiliated group of which the Company is also a member within the meaning of section 1504) or a predecessor.

3. The Company represents that, to the best knowledge of the Company and the Company's representatives, none of the Company, a related taxpayer of the Company, a predecessor of the Company, or any representative of the Company has previously submitted a



request (including an application for change in accounting method) involving the same or a similar issue to the Service and withdrawn the same before a ruling was issued.

4. The Company represents that, to the best knowledge of the Company and the Company's representative, none of the Company, a taxpayer related to the Company, or a predecessor of the Company has previously submitted a request (including an application for change in accounting method) involving the same or a similar issue to the Service in a ruling request which is currently pending with the Service.

5. The Company represents that, to the best knowledge of the Company and the Company's representatives, none of the Company, a taxpayer related to the Company, or a predecessor of the Company, at the same time of this request, is presently submitting another ruling request (including an application for change in accounting method) involving the same or a similar issue to the Service.

6. The law in connection with this ruling request is certain, and the issues discussed herein are adequately addressed by relevant authorities.

7. The Company represents that the Company and the Company's representatives have no knowledge as to any legislation or pending legislation, Treasury Regulations, revenue rulings, revenue procedures, court decision, or other authority that are contrary to the position advanced in this ruling request.

8. A conference on the issues involved in this ruling is hereby respectfully requested in the event that you reach a tentative adverse conclusion.

9. If you have any questions or need additional information regarding this ruling request, pursuant to the enclosed Power of Attorney, please contact Martha G. Pugh at (202) 756-8368.

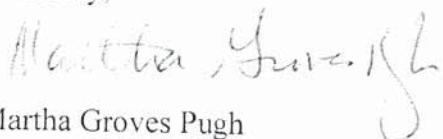
10. The Company hereby requests that any document related to this request, including the ruling itself, and any written requests for additional information be sent by facsimile transmission (in addition to being mailed) and waive any disclosure violation resulting from such facsimile transmission. Please fax the ruling and any written requests to Ms. Pugh at (202) 756-8087. Please mail the ruling and any written requests to Martha G. Pugh, McDermott Will & Emery LLP, 500 North Capitol Street, N.W., Washington, DC, 20001.

**B. Administrative**

The following are enclosed:

1. A check payable to the Internal Revenue Service in the amount of \$18,000.00 in payment for the user fee for this request as set forth in Appendix A of Revenue Procedure 2013-1.
2. The required penalties of perjury statements.
3. The deletions statement required by Revenue Procedure 2013-1.
4. The checklist as required by Revenue Procedure 2013-1.
5. A Power of Attorney.

Sincerely,

  
Martha Groves Pugh

San Diego Gas & Electric Advice Letter 2724-E  
April 1, 2015

## APPENDIX B

## Appendix B



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

September 5, 2014

Mr. Thomas J. Palmisano  
Vice President and Chief Nuclear Officer  
Southern California Edison Company  
San Onofre Nuclear Generating Station  
P.O. Box 128  
San Clemente, CA 92674-0128

SUBJECT: SAN ONOFRE NUCLEAR GENERATING STATION, UNITS 2 AND 3 -  
EXEMPTIONS FROM THE REQUIREMENTS OF 10 CFR PART 50,  
SECTIONS 50.82(a)(8)(i)(A) AND SECTION 50.75(h)(2) (TAC NOS. MF3544  
AND MF3545)

Dear Mr. Palmisano:

The U.S. Nuclear Regulatory Commission has approved the enclosed exemptions from specific requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, Section 50.82(a)(8)(i)(A) and Section 50.75(h)(2), for Southern California Edison (the licensee). This action is in response to your application dated February 13, 2014, as supplemented by letter dated March 12, 2014, that requested the exemptions to allow use of funds from the San Onofre Nuclear Generating Station, Units 2 and 3, decommissioning trust funds for irradiated fuel management and site restoration costs.

A copy of the exemption is enclosed. The exemptions have been forwarded to the Office of the Federal Register for publication.

Sincerely,

A handwritten signature in cursive script that reads "Thomas Wengert".

Thomas Wengert, Senior Project Manager  
Plant Licensing IV-2 and Decommissioning  
Transition Branch  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-361 and 50-362

Enclosure:  
Exemption

cc w/encl: Distribution via Listserv

ENCLOSURE

EXEMPTION

SOUTHERN CALIFORNIA EDISON

SAN ONOFRE NUCLEAR GENERATING STATION, UNITS 2 AND 3

DOCKET NOS. 50-361 AND 50-362

**NUCLEAR REGULATORY COMMISSION**

**Docket Nos. 50-361 and 50-362; NRC-20YY-XXXX**

**Exemptions for Southern California Edison Company**

**San Onofre Nuclear Generating Station, Units 2 and 3**

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Exemption; issuance.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) is issuing exemptions in response to a February 13, 2014, request from Southern California Edison Company (SCE, or the licensee), representing itself and the other owners, from the requirements set forth in Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50 Section 50.82(a)(8)(i)(A) and Section 50.75(h)(2). The exemption from 10 CFR 50.82(a)(8)(i)(A) would permit the use of San Onofre Nuclear Generating Station (SONGS), Units 2 and 3, decommissioning trust funds for purposes other than decommissioning activities. The exemption from 10 CFR 50.75(h)(2) would allow the licensee to use withdrawals from the decommissioning trust funds without prior notification to the NRC. The NRC has reviewed the Trusts and determined that, at this time, there is reasonable assurance of sufficient financial resources in the trusts to complete decommissioning activities.

**ADDRESSES:** Please refer to Docket ID <INSERT: NRC-20YY-XXXX> when contacting the NRC about the availability of information regarding this document. You may access publicly-available information related to this document using any of the following methods:

- **Federal Rulemaking Web site:** Go to <http://www.regulations.gov> and search for Docket ID <INSERT: NRC-20YY-XXXX>. Address questions about NRC dockets to Carol Gallagher; telephone: 301-287-3422; e-mail: [Carol.Gallagher@nrc.gov](mailto:Carol.Gallagher@nrc.gov). For technical questions, contact the individual(s) listed in the **FOR FURTHER INFORMATION CONTACT** section of this document.

- **NRC's Agencywide Documents Access and Management System (ADAMS):**  
You may access publicly available documents online in the NRC Library at <http://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "ADAMS Public Documents" and then select "Begin Web-based ADAMS Search." For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737, or by e-mail to [pdresource@nrc.gov](mailto:pdresource@nrc.gov). The ADAMS Accession number for each document referenced in this document (if that document is available in ADAMS) is provided the first time that a document is referenced.

- **NRC's PDR:** You may examine and purchase copies of public documents at the NRC's PDR, Room O1-F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.

**FOR FURTHER INFORMATION CONTACT:** Thomas Wengert, Office of Nuclear Reactor Regulation, 301-415-4037; [Thomas.Wengert@nrc.gov](mailto:Thomas.Wengert@nrc.gov); U.S. Nuclear Regulatory Commission, Washington DC 20555-0001.

## I. Background

Southern California Edison Company (SCE), San Diego Gas & Electric Company, City of Riverside Utilities Department, and the City of Anaheim, California, (the licensees), are the



holders of Facility Operating License Nos. NPF-10 and NPF-15, for SONGS, Units 2 and 3, respectively. SCE is authorized to act as the agent of the other owners. By letter dated June 12, 2013 (ADAMS Accession No. ML131640201), SCE submitted a certification to the U.S. NRC indicating it permanently ceased power operations at the SONGS Units 2 and 3 on June 7, 2013. By letters dated July 22, 2013 (ADAMS Accession No. ML13204A304), and June 28, 2013 (ADAMS Accession No. ML13183A391), respectively, SCE certified that it had permanently defueled the SONGS Units 2 and 3 reactor vessels.

The facility consists of two permanently shutdown and defueled pressurized-water reactors located in San Diego County, California.

## II. Request/Action

By letter dated February 13, 2014 (ADAMS Accession No. ML14051A632), SCE submitted a request for exemptions from Section 50.82(a)(8)(i)(A) and Section 50.75(h)(2) of Part 50 of Title 10 of the *Code of Federal Regulations* (10 CFR). The exemptions from 10 CFR 50.82(a)(8)(i)(A) and 10 CFR 50.75(h)(2) would permit withdrawal and the use of a portion of the funds in the SCE Decommissioning Trust Funds (Trusts) for financing irradiated fuel management and site restoration activities. The licensee's requested exemption from 10 CFR 50.75(h)(2) would permit Trust withdrawals to be made without prior notification of the NRC, in the same manner as withdrawals are made under 10 CFR 50.82(a)(8) for decommissioning activities. The licensee supplemented this exemption request by letter dated March 12, 2014 (ADAMS Accession No. ML14078A028).

The requirements of 10 CFR 50.82(a)(8)(i)(A) restrict the use of decommissioning trust fund withdrawals to expenses for legitimate decommissioning activities consistent with the

definition of decommissioning in 10 CFR 50.2. The definition of "decommission" in 10 CFR 50.2 is as follows:

to remove a facility or site safely from service and reduce residual radioactivity to a level that permits-

- (1) Release of the property for unrestricted use and termination of the license; or
- (2) Release of the property under restricted conditions and termination of the license.

The definition does not include other activities, such as irradiated fuel management or site restoration activities. The requirements of 10 CFR 50.75(h)(2) also restrict the use of decommissioning trust fund disbursements (other than for ordinary administrative costs and incidental expenses) to decommissioning expenses until final radiological decommissioning is completed. Therefore, exemptions from 10 CFR 50.82(a)(8)(i)(A) and 10 CFR 50.75(h)(2) are needed to allow SCE to withdraw funds from the Trusts for activities other than decommissioning activities prior to completion of all radiological decommissioning activities.

The requirements of 10 CFR 50.75(h)(2) further provide that, except for decommissioning withdrawals being made under 10 CFR 50.82(a)(8) or for payment of ordinary and incidental expenses, no disbursement may be made from the Trust without written notice to the NRC at least 30 working days in advance. Therefore an exemption from 10 CFR 50.75(h)(2) is also needed to allow SCE to withdraw funds from the Trusts for activities other than decommissioning activities without prior NRC notification.

### **III. Discussion**

Pursuant to 10 CFR 50.12, the Commission may, upon application by any interested person or upon its own initiative, grant exemptions from the requirements of 10 CFR Part 50

when 1) the exemptions are authorized by law, will not present an undue risk to public health or safety, and are consistent with the common defense and security; and 2) any of the special circumstances listed in 10 CFR 50.12(a)(2) are present. These special circumstances include, among other things, the following:

a) Application of the regulation in the particular circumstances would not serve the underlying purpose of the rule or is not necessary to achieve the underlying purpose of the rule; or

b) Compliance would result in undue hardship or other costs that are significantly in excess of those contemplated when the regulation was adopted, or that are significantly in excess of those incurred by others similarly situated.

**A. Authorized by Law**

These exemptions from 10 CFR 50.82(a)(8)(i)(A) and 10 CFR 50.75(h)(2) would allow SCE to use a portion of the funds from the Trusts for activities other than decommissioning activities without prior notice to the NRC. As stated above, 10 CFR 50.12 allows the NRC to grant exemptions from the requirements of 10 CFR Part 50. The NRC staff has determined that granting of the licensee's proposed exemptions will not result in a violation of the Atomic Energy Act of 1954, as amended, or the Commission's regulations. Therefore, the exemptions are authorized by law.

**B. No Undue Risk to Public Health and Safety**

The underlying purposes of 10 CFR 50.82(a)(8)(i)(A) and 10 CFR 50.75(h)(2) are to provide reasonable assurance that adequate funds will be available for radiological decommissioning of power reactors. Based on the site-specific cost estimate and the cash flow analysis, use of the Trusts in the proposed manner will not adversely impact SCE's ability to

complete radiological decontamination within 60 years and terminate the SONGS licenses. Furthermore, exemption from 10 CFR 50.75(h)(2) to allow the licensee to make withdrawals from the Trusts without prior written notification to the NRC should not affect the sufficiency of funds in the Trusts to accomplish radiological decontamination of the site.

Based on the above, no new accident precursors are created by using the Trusts in the proposed manner. Thus, the probability of postulated accidents is not increased. Also, based on the above, the consequences of postulated accidents are not increased. No changes are being made in the types or amounts of effluents that may be released offsite. There is no significant increase in occupational or public radiation exposure. Therefore, there is no undue risk to public health and safety.

**C. Consistent with the Common Defense and Security**

The proposed exemptions would allow SCE to use funds from the Trusts for irradiated fuel management and site restoration. Irradiated fuel management under 10 CFR 50.54(bb) is an integral part of the planned SCE decommissioning and final license termination process and will not adversely affect SCE's ability to physically secure the site or protect special nuclear material. This change to enable use of a portion of the funds from the Trusts for activities other than decommissioning activities will not alter the scope of, or availability of funding for the licensee's security program. Therefore, the common defense and security is not impacted by this exemption.

**D. Special Circumstances**

Special circumstances, in accordance with 10 CFR 50.12(a)(2), are present whenever application of the regulation in the particular circumstances is not necessary to achieve the underlying purpose of the rule.

The underlying purposes of 10 CFR 50.82(a)(8)(i)(A) and 10 CFR 50.75(h)(2) are to provide reasonable assurance that adequate funds will be available for radiological decommissioning of power reactors. Strict application of these requirements would prohibit withdrawal of funds from the Trusts for activities other than decommissioning activities until final radiological decommissioning at SONGS, Units 2 and 3 has been completed.

The SONGS, Units 2 and 3 total Decommissioning Trust Funds balance as of December 31, 2013, was \$3,926 million in 2013 dollars. The SCE analysis projects that the total radiological decommissioning cost of SONGS to be approximately \$1,769 million (2013 dollars). As required by 10 CFR 50.54(bb), SCE estimated the costs associated with the long-term irradiated fuel management at \$1,487 million in (2013 dollars). The total expenditures for site restoration are estimated at \$1,098 million (2013 dollars). The NRC staff performed an independent cash flow analysis of the Trusts through 2051 (assuming an annual real rate of return of 2%, as allowed by 10 CFR 50.75(e)(1)(ii)) and determined the projected earnings of the Trust. The staff confirmed that the current funds, planned future contributions and projected earnings of the Trusts provide reasonable assurance of adequate funding to complete all NRC required decommissioning activities, and that SCE's site-specific decommissioning cost analysis demonstrates adequate funds are available in the Trusts to also conduct irradiated fuel management and site restoration activities. The staff's review and conclusions are based on SCE's specific financial situation as described in the February 13, 2014, and March 12, 2014, letters. Therefore, SCE has demonstrated reasonable assurance that sufficient funding will be available for radiological decommissioning, irradiated fuel management, and site restoration

activities and that the exemptions from the requirements of 10 CFR 50.82(a)(8)(i)(A) and 50.75(h)(2), with respect to the use of funds from the trusts for irradiated fuel management and site restoration activities, will still achieve the underlying purposes of the rule.

In its submittal, SCE also requested exemption from the requirements of 10 CFR 50.75(h)(2) concerning prior written notification to the NRC of withdrawals from the Trusts to fund activities other than decommissioning activities. The underlying purpose of notifying the NRC prior to withdrawal of funds from the Trusts is to provide opportunity for NRC intervention, when deemed necessary, if the withdrawals are for expenses other than those authorized by 10 CFR 50.75(h)(2) and 10 CFR 50.82(a)(8) that could result in insufficient funds in the Trust to accomplish radiological decontamination of the site.

By granting the exemptions to 10 CFR 50.75(h)(2) and 10 CFR 50.82(a)(8), the staff considers that withdrawals consistent with the licensee's submittal dated February 13, 2014, as supplemented on March 12, 2014, are authorized. As stated previously, the NRC staff has determined that there are sufficient funds in the Trusts to complete legitimate radiological decommissioning activities and to conduct irradiated fuel management and site restoration activities. Pursuant to the annual reporting requirements in 10 CFR 50.82(a)(8)(v) – (vii), licensees are required to monitor and report the status of the decommissioning trust fund and the funding status for managing irradiated fuel. These reports provide the NRC with awareness of and the ability to take action on any actual or potential funding deficiencies. The requested exemption would not allow withdrawal of funds from the SONGS Trusts for any other purpose that is not currently authorized in the regulations without prior notification to the NRC. Therefore, the granting of this exemption to 10 CFR 50.75(h)(2) to allow the licensee to make withdrawals from the Trusts without prior written notification to the NRC will still meet the underlying purpose of the regulation.

Special circumstances, in accordance with 10 CFR 50.12(a)(2)(iii) are present whenever compliance would result in undue hardship or other costs that are significantly in excess of those contemplated when the regulation was adopted, or that are significantly in excess of those incurred by others similarly situated.

The licensee states that the Trusts contain funds in excess of the estimated costs of radiological decommissioning and that these excess funds are needed for irradiated fuel management and site restoration activities. The NRC does not preclude use of funds from the decommissioning trust in excess of those needed for radiological decommissioning for other purposes, such as irradiated fuel management or site restoration. The NRC has stated that funding for irradiated fuel management and other site restoration activities may be commingled in the decommissioning trust provided the licensee is able to identify and account for the radiological decommissioning funds separately from the funds set aside for irradiated fuel management (see NRC Regulatory Issue Summary 2001-07, Rev 1, "10 CFR 50.75 Reporting and Recordkeeping for Decommissioning Planning," dated January 8, 2009 [ADAMS Accession No. ML083440158], and Regulatory Guide 1.184, Rev 1, "Decommissioning of Nuclear Power Reactors," [ADAMS Accession No. ML13144A840]). To prevent access to those excess funds in the Trusts because irradiated fuel management and site restoration are not associated with radiological decommissioning would create an unnecessary financial burden without any corresponding safety benefit. The adequacy of the Trusts to cover the cost of activities, associated with irradiated fuel management and site restoration in addition to radiological decommissioning is supported by the NRC staff's site-specific decommissioning cost analysis. If SCE cannot use its Trusts for irradiated fuel management and site restoration activities, it would need to obtain additional funding that would not be recoverable from the Trusts, or SCE would have to modify its

decommissioning approach and methods. The NRC staff concludes that either outcome would impose an unnecessary and undue burden significantly in excess of that contemplated when the regulation was adopted.

Therefore, since the underlying purposes of 10 CFR 50.82(a)(8)(i)(A) and 10 CFR 50.75(h)(2) would be achieved by allowing SCE to use a portion of the Trusts for irradiated fuel management and site restoration activities without prior NRC notification, and compliance with the rules would result in an undue hardship or other costs that are significantly in excess of those contemplated when the regulation was adopted, the special circumstances required by 10 CFR 50.12(a)(2)(ii) and 10 CFR 50.12(a)(2)(iii) exist.

**E. Environmental Considerations**

In accordance with 10 CFR 51.31(a), the Commission has determined that the granting of this exemption will not have a significant effect on the quality of the human environment, (see Environmental Assessment and Finding of No Significant Impact published on July 23, 2014, 79 FR 42837).

**IV. Conclusions**

Accordingly, the Commission has determined that, pursuant to 10 CFR 50.12(a), the exemptions are authorized by law, will not present an undue risk to the public health and safety, and are consistent with the common defense and security. Also, special circumstances are present. Therefore, the Commission hereby grants SCE exemptions from the requirements of 10 CFR 50.82(a)(8)(i)(A) and 10 CFR 50.75(h)(2) to allow withdrawals from the SONGS, Units 2



and 3 Trusts, for irradiated fuel management and site restoration activities without prior NRC notification.

The exemptions are effective upon issuance.

Dated at Rockville, Maryland, this 5<sup>th</sup> day of September 2014.

For the Nuclear Regulatory Commission.

A handwritten signature in cursive script that reads "A. Louise Lund".

A. Louise Lund, Acting Director,  
Division of Operating Reactor Licensing,  
Office of Nuclear Reactor Regulation.

September 5, 2014

Mr. Thomas J. Palmisano  
Vice President and Chief Nuclear Officer  
Southern California Edison Company  
San Onofre Nuclear Generating Station  
P.O. Box 128  
San Clemente, CA 92674-0128

SUBJECT: SAN ONOFRE NUCLEAR GENERATING STATION, UNITS 2 AND 3 -  
EXEMPTIONS FROM THE REQUIREMENTS OF 10 CFR PART 50, SECTION  
50.82(a)(8)(i)(A) AND SECTION 50.75(h)(2) (TAC NOS. MF3544 AND MF3545)

Dear Mr. Palmisano:

The U.S. Nuclear Regulatory Commission has approved the enclosed exemptions from specific requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, Section 50.82(a)(8)(i)(A) and Section 50.75(h)(2), for Southern California Edison (the licensee). This action is in response to your application dated February 13, 2014, as supplemented by letter dated March 12, 2014, that requested the exemptions to allow use of funds from the San Onofre Nuclear Generating Station, Units 2 and 3, decommissioning trust funds for irradiated fuel management and site restoration costs.

A copy of the exemption is enclosed. The exemptions have been forwarded to the Office of the Federal Register for publication.

Sincerely,

/RA/

Thomas Wengert, Senior Project Manager  
Plant Licensing IV-2 and Decommissioning  
Transition Branch  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-361 and 50-362

Enclosure:  
Exemption  
cc w/encl: Distribution via Listserv

DISTRIBUTION:

PUBLIC	MDusaniwskyj	RidsNrrLJJBurkhardt Resource
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MPurdie	RidsNrrDorlLpl4-2 Resource	

ADAMS Accession Nos. Letter ML14101A132; Exemption ML14101A141

OFFICE	NRR/DORL/LPL4-2/PM	NRR/DORL/LPL4-2/LA	NRR/DIRS/IFIB/BC (A)	OGC
NAME	MChernoff	JBurkhardt	MDusaniwskyj for	SUttal
DATE	7/03/14	4/11/14	5/12/14	7/8/14
OFFICE	NRR/DORL/LPL4-2/BC	NRR/DORL/D	NRR/DORL/LPL4-2/PM	
NAME	DBroadus	LLund	TWengert	
DATE	9/04/14	9/05/14	9/05/14	

OFFICIAL RECORD COPY

# **Appendix I**

## **Reimbursement of SONGS 2&3 Costs from NDT (01/01/14 - 12/31/14)**

**AL 2806**

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298



November 18, 2015

**Advice Letter 2806-E**

San Diego Gas and Electric  
Attention: Megan Caulson  
Regulatory Tariff Manager  
8330 Century Park Court, Room 32C  
San Diego, CA 92123-1548

**SUBJECT: REQUEST FOR AUTHORIZATION OF REIMBURSEMENTS OF SONGS  
2&3 DECOMMISSIONING COSTS INCURRED OR RECORDED BY  
SDG&E JANUARY 1, 2014 THROUGH DECEMBER 31, 2014 FROM THE  
SDG&E SONGS NUCLEAR DECOMMISSIONING TRUST**

Dear Ms. Caulson:

Advice Letter 2806-E is effective as of November 22, 2015.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph  
Director, Energy Division



Clay Faber -Director  
CA & Federal Regulatory  
8330 Century Park Court  
San Diego, CA 92123

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October 23, 2015

**ADVICE LETTER 2806-E**  
(U-902-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

**SUBJECT: REQUEST FOR AUTHORIZATION OF REIMBURSEMENTS OF SONGS 2&3  
DECOMMISSIONING COSTS INCURRED OR RECORDED BY SDG&E  
JANUARY 1, 2014 THROUGH DECEMBER 31, 2014 FROM THE SDG&E  
SONGS NUCLEAR DECOMMISSIONING TRUST**

**I. PURPOSE AND INTRODUCTION**

San Diego Gas & Electric Company ("SDG&E") is billed by Southern California Edison Company ("SCE") for costs associated with decommissioning activities at San Onofre Nuclear Generating Station Unit Nos. 2&3 ("SONGS" or "SONGS 2&3"), and also incurs certain SDG&E-only (100%) costs related to the decommissioning of SONGS 2&3. SDG&E now requests that the California Public Utilities Commission ("Commission") authorize disbursement of those decommissioning costs incurred or recorded January 1, 2014 through December 31, 2014, from the SDG&E SONGS Nuclear Decommissioning Trust ("Trust").<sup>1</sup> SDG&E's request is made consistent with the Commission's directions in D.14-12-082 and D.11-07-003.

The Commission permits Trust disbursements for recorded decommissioning costs upon demonstration that the costs are eligible to be paid from decommissioning trust funds. Pursuant to Resolution E-4678, SDG&E received authorization from the Commission to be paid for its SONGS decommissioning costs from SDG&E's Trust, incurred through December 31, 2013.

Now, pursuant to General Order 96-B, SDG&E respectfully submits this Tier 2 advice letter ("AL") requesting authorization from the Commission to disburse up to \$35.73 million from

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<sup>1</sup> In order to obtain disbursements from the Trusts for eligible decommissioning costs, SDG&E must obtain an order or resolution from the Commission authorizing such access. San Diego Gas & Electric Company Nuclear Facilities Qualified and Non-Qualified CPUC Decommissioning Master Trust Agreements for San Onofre Nuclear Generating Stations ("MTAs") at Sections 1.01(9) and 2.01(4).

The Commission is currently reviewing 2014 SONGS costs for reasonableness pursuant to section 4.9 of the SONGS OII Amended and Restated Settlement Agreement ("Settlement Agreement"), approved by the Commission in D.14-11-040 in proceeding I.12-10-013. That proceeding, A.15-01-014 and A.15-02-006, is not expected to conclude until late 2016 or later. SDG&E requests authorization to access its Trust now for 2014 recorded decommissioning costs, with the understanding that it will be subject to any adjustments ordered by the Commission based on the final determination of reasonableness.

its SONGS Trust for SONGS 2&3 decommissioning expenses incurred or recorded in 2014.

## II. BACKGROUND

This advice letter concerns SDG&E's Nuclear Decommissioning Trust for SONGS 2&3.<sup>2</sup> SDG&E's SONGS 2&3 Trust is governed by the San Diego Gas & Electric Company Nuclear Facilities Qualified and Non-Qualified CPUC Decommissioning Master Trust Agreements for San Onofre Nuclear Generating Stations. In accordance with the Nuclear Facilities Decommissioning Act of 1985 ("Decommissioning Act"),<sup>3</sup> the Commission approved the SDG&E Trust and the MTAs in D.87-05-062 and Resolution E-3060.<sup>4</sup> With the Commission's approval, SDG&E has been collecting funds from ratepayers to fund the trusts for more than 25 years.<sup>5</sup>

On March 18, 2015, SCE filed SCE Advice Letter 3193-E, requesting Commission approval to withdraw up to \$340 million from SCE's Trust for decommissioning costs recorded June 7, 2013 through December 31, 2013, as well as SCE's 2014 costs. SCE expended \$237.9 million (100%) for decommissioning costs in 2013, of which \$180.3 million was SCE's share, and \$210.8 million (100%) in 2014, of which \$159.7 million was SCE's share.

On April 1, 2015, SDG&E submitted Tier 3 Advice Letter 2724-E, requesting Commission approval to withdraw up to \$55 million from SDG&E's Trust for decommissioning costs incurred or recorded June 7, 2013 through December 31, 2013. SDG&E's 2014 recorded costs were not included in AL 2724-E.

Commission Resolution E-4678 approved both SCE's and SDG&E's requests. On August 25, 2015, SDG&E withdrew \$36.7 million from its Trust. SDG&E did not withdraw the entire authorized \$55 million from its Unit 2&3 Trust because of the ongoing so-called industry-wide "Dominion" issue with the Internal Revenue Service ("IRS"), concerning costs associated with spent fuel management.<sup>6</sup> Pending a favorable resolution of the Dominion issue, SDG&E will

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<sup>2</sup> This advice letter does not concern SDG&E's trusts for Unit 1. SDG&E was given Unit 1 trust fund withdrawal access by the Commission in D.99-06-007. As required by D.99-06-007, SDG&E provides a quarterly report to Energy Division of actual expenditures and withdrawals for Unit 1 decommissioning costs from SDG&E's Unit 1 Trust. SDG&E also seeks a reasonableness review of Unit 1 expenditures in the nuclear decommissioning cost triennial proceedings ("NDCTPs").

<sup>3</sup> California Pub. Util. Code Sec. 8321 *et seq.*

<sup>4</sup> D.87-05-062 (ordering the IOUs to draft MTAs for the Commission's consideration) and Resolution E-3060 (approving SDG&E's MTAs for SONGS Units 1, 2 and 3).

<sup>5</sup> In D.14-12-082, the Commission approved SDG&E's request to continue its currently-authorized level of annual Trust contributions. At the time of this filing, SDG&E's request to set annual Trust collections to \$0.00 as of January 1, 2016 is pending before the Commission in A.14-12-007.

<sup>6</sup> In December 2014, the IRS issued a Private Letter Ruling ("PLR") for a Dominion nuclear facility. The PLR states that the three Nuclear Regulatory Commission ("NRC") bucket categories (i.e., License Termination, Spent Fuel Storage and Site Restoration) are nuclear decommissioning costs and may be paid out of the Trust. However, the PLR also states that certain spent fuel storage costs may not be

withdraw the balance of its authorized 2013 and any subsequent requests, to the extent allowable under Treasury regulations and guidance. At the time of this filing, it is unclear when the Dominion issue will be resolved.

### III. OVERVIEW OF SDG&E'S ADVICE LETTER

SDG&E seeks authorization to disburse from its Trust up to \$35.73 million for 2014 decommissioning costs.

SONGS vendor *EnergySolutions* drafted a new Decommissioning Cost Estimate ("DCE") for SONGS Units 2&3, which was subsequently submitted to the NRC on September 23, 2014 and the Commission on December 10, 2014.<sup>7</sup> On August 20, 2015, the NRC issued a finding, stating that NRC staff found the Post Shutdown Decommissioning Activities Report ("PSDAR") and the DCE within it to be "reasonable."<sup>8</sup> At the time of this filing, the Commission's determination of the DCE's reasonableness is still pending in A.14-12-007.

The design and content of future nuclear trust fund disbursement advice letters for SONGS has been raised in A.14-12-007. In A.14-12-007, SDG&E witness Ms. Tracy Dalu stated that SDG&E will strive to provide the following information in future trust disbursement advice letters to the best of SDG&E's ability:

- A summary of SDG&E's previous funding requests and trust withdrawals;
- Actual "to date" expenditures for each activity;
- Total "to date" trust disbursements;
- Comparison of actual cash flows to the most recently approved estimated cash flow schedule; and
- A description of activities for which a variance of plus or minus ten percent (+/- 10%) between the decommissioning cost estimate and the actual costs occurs.<sup>9</sup>

At the time of this filing, no Commission decision has been issued outlining the design and content of the SONGS trust disbursement advice letters from SDG&E.<sup>10</sup> SDG&E has endeavored to provide as much of the information outlined above as possible in this advice

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reimbursed from the Trust now if they will be recovered from litigation or settlement with the Department of Energy ("DOE").

SDG&E believes that the PLR is based on incorrect assumptions and interpretations of the tax and treasury regulations. In addition, SDG&E does not believe it has a "fixed" right to recover its 2014 spent fuel management costs in the pending litigation against the DOE. SDG&E is monitoring the nuclear industry's efforts to positively resolve the Dominion issue. However, out of an abundance of caution, if and when SDG&E receives authority from the Commission to reimburse 2014 decommissioning costs with trust funds, SDG&E will not withdraw funds from the qualified trusts for certain spent fuel storage costs until the Dominion issue has been sufficiently clarified.

<sup>7</sup> A.14-12-007, *Joint Application of [SCE and SDG&E] for 2014 SONGS Units 2&3 Decommissioning Cost Estimate and Related Decommissioning Issues* (filed December 10, 2014) at 4-5.

<sup>8</sup> NRC Docket Nos. 50-361 and 50-362.

<sup>9</sup> A.14-12-007 at Exhibit ("Exh.") 18 at 17-18 (Dalu) and Exh. 19 at 5-7 (Dalu).

<sup>10</sup> The required content of trust disbursement advice letters for SONGS 2&3 is a litigated issue in A.14-12-007. At the time of this filing, no final decision had been issued.

letter. However, SDG&E remains restricted to providing only the information it has in its immediate possession, or information provided by SCE.

When SDG&E made its April 1, 2015 filing for 2013 cost trust disbursement, SCE was still working on its decommissioning cost tracking software to reflect the DCE and the DCE's cost categories. SCE recently completed this effort. SDG&E is still working with SCE to obtain information needed to align its accounting system to reflect the DCE and the DCE's cost categories. In addition, SCE has not yet provided SDG&E with information about its 2014 invoices that SDG&E needs to fully report its recorded 2014 costs by DCE cost category and into NRC buckets (i.e., License Termination, Spent Fuel Management or Site Restoration). Despite these limitations, SDG&E has tried to align and compare its 2014 recorded decommissioning costs to the DCE categories, to the extent possible, for certain costs.

Thus, this Advice Letter compares SDG&E's recorded 2014 SONGS decommissioning costs to the DCE annual cash flow cost estimates for SDG&E's 20% share of the 2014 SONGS decommissioning costs, including contractual overheads for payroll adders and administrative and general ("A&G") costs, when appropriate. SDG&E provides variance explanations between the SDG&E's recorded amounts and its annual DCE cash flow estimates, when known.

#### **IV. SDG&E REQUESTS TRUST FUND DISBURSEMENT AUTHORITY FOR RECORDED SONGS 2&3 2014 DECOMMISSIONING COSTS**

SDG&E seeks authority for disbursements of up to \$35.73 million to reimburse SDG&E for decommissioning costs associated with SONGS 2&3 incurred or recorded January 1, 2014 through December 31, 2014, as detailed in the table provided as Attachment A. This amount has already been expensed by SDG&E or paid through rates.

##### **A. Categories of SDG&E's 2014 SONGS 2&3 Decommissioning Costs**

As shown in Attachment A, SDG&E's decommissioning costs for which it seeks disbursement authority can be broken into general categories, which are briefly described below:

- (1) Operations & Maintenance ("O&M") invoiced by SCE, excluding decommissioning planning costs;
- (2) Capital, capital-related and Materials and Supplies ("M&S") expenditures;
- (3) Internal costs specific to SDG&E (100%);
- (4) "Non-O&M" costs, as defined by Settlement Agreement (i.e., property and liability insurance, and property taxes);<sup>11</sup>

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<sup>11</sup> SONGS Non-O&M costs are defined in the Settlement Agreement at Para. 2.28 as all SONGS-related expenses recorded in FERC accounts 408, 924, 925, and 926 that are *not*:

- (a) Non-O&M Balancing Account Expenses;
- (b) Capitalized overhead; *or*



- (5) Energy for the SONGS facility;
- (6) Lease and easement costs; and
- (7) Nuclear fuel contract cancellation costs.

These are the same seven categories that SDG&E used in its 2013 Trust Disbursement Advice Letter, AL 2724-E. SDG&E has included a brief description of the costs below, including how the 2014 costs were recorded and how any trust reimbursements for the costs will be booked.<sup>12</sup> Information about an additional cost category – those costs for which SDG&E does not need Commission authority to access trust funds – is also provided below.

*i. O&M Invoiced By SCE*

SCE invoices SDG&E (20% share) for Base O&M expenditures for SONGS 2&3. For the period of January through December 2014, SDG&E recorded \$27.08 million for 2014 O&M decommissioning costs.<sup>13</sup> This amount does not include decommissioning planning costs, which are dealt with separately for Trust reimbursement purposes (see Section IV(viii) (*Costs For Which SDG&E Can Already Access the Trusts*) below).

Base O&M for SONGS decommissioning includes labor, contract labor, non-labor and contractual overhead expenses, as well as severance costs, associated with the personnel

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- (c) Recorded in FERC accounts 517-532.

The FERC Uniform System of Accounts defines account 924 as property insurance, account 925 as injuries and damages (including liability insurance), account 408 as taxes other than income (i.e., property taxes) and account 926 as Pension and Benefits.

Thus, this advice letter seeks to recover those costs incurred by SDG&E in 2014 for SONGS Non-O&M costs, specifically:

- Insurance, including Property and Liability
- Property Taxes

SDG&E's Pension and Benefit expenses related to SONGS in 2014 are not included in SONGS Non-O&M costs as they are included in SDG&E's overall A&G expenses and therefore not addressed in this advice letter.

<sup>12</sup> In November 2014, the Commission approved the SONGS OII Amended & Restated Settlement Agreement in proceeding I.12-10-013, which in part, governs the treatment of many types of SONGS costs.

<sup>13</sup> Again, because of SDG&E's inability to track billed costs by Work Breakdown Structure ("WBS") or NRC categories, SDG&E is not able to provide a more detailed comparison of its billed O&M to the DCE at this time.

needed onsite at SONGS to maintain and repair various systems.<sup>14</sup> For example, the SONGS control room must be manned to ensure the spent fuel pool cooling systems continue to perform their intended functions, and various control and lighting systems must be maintained to allow security personnel to protect the station and conduct NRC-mandated surveillances. Base O&M does not include any other cost categories listed below in this advice letter.

The Base O&M amount also includes costs paid to SCE for employees already severed as a result of the closure of SONGS. In March 2014, SDG&E received a positive ruling from the IRS that confirms funds from the Qualified Trusts may be used to pay for employee severance related to the closure of SONGS.<sup>15</sup> Commission Resolution E-4678 also found that employee severance payments related to decommissioning may be paid from the Trust.<sup>16</sup>

SCE's DCE estimate from its decommissioning cost tracking system for SDG&E's 20% share of employee severance costs is \$2.40 million in 2014. In 2014, SDG&E recorded \$1.53 million for decommissioning-related employee severance. There are two primary reasons for the variance between the DCE and SDG&E's recorded costs. First, the DCE used accrual based cash flow, so when an individual was assumed to leave, the DCE cash flow assumed the entire cost was incurred. In practice, SCE used a cash basis for recording severance (and thus billing SDG&E) since accrual basis costs are being actually recorded at a very low level (5-10% compared to the DCE assumption of 53%). This also spreads the cost over a longer period based on the level and length of employee tenure. Secondly, the number of severed employees at each reduction in force event, based upon information received from SCE, varied from actual, thereby affecting the amounts recorded.

SDG&E recorded its 2014 decommissioning O&M costs invoiced by SCE nuclear operations FERC accounts and in the two-way SONGS Balancing Account ("SONGSBA"). SDG&E's 2014 authorized revenue requirement of \$121.57 million for its O&M billed by SCE (excluding FF&U) reflects SDG&E's share of SONGS-related O&M costs provisionally authorized by the Commission in SCE's Test Year ("TY") 2012 General Rate Case ("GRC") D.12-11-051 and SDG&E's TY2012 D.13-05-010. SDG&E's O&M authorized revenue of approximately \$122 million was recorded in the SONGSBA monthly, at 1/12<sup>th</sup> per month.<sup>17</sup> As invoices from SCE

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<sup>14</sup> SDG&E is unable to provide a more detailed description of cost category activities, or any explanation of a variance of plus or minus ten percent (+/- 10%) between the decommissioning cost estimate and the actual costs for O&M cost categories, at this time.

<sup>15</sup> For additional information about employee severance related to the SONGS shutdown, see SCE AL 3193-E, Attachment 2 at p. A2-8, approved by Res. E-4678, and Exhibit 13 (testimony of SCE witness J. Perez) in the record of A.14-12-007. All of the displaced workers were SCE employees, and as such, SCE designed and managed the assistance programs without input from SDG&E.

<sup>16</sup> Res. E-4678 at 10.

<sup>17</sup> In the final decision on SDG&E's 2012 GRC, SDG&E was granted authority to collect \$156.3 million excluding franchise fees and uncollectibles ("FF&U") to cover 2012 costs for SONGS. D.13-05-010 at Attachment B. SDG&E was also allowed attrition of 2.65% for 2013 and 2.75% for 2014. *Id.* at OP 4. After applying attrition and adjusting for the reduced cost of capital from D.12-12-034, SDG&E's authorized revenue requirement (excluding FF&U) for SONGS is \$159.5 million in 2013 and \$165.8 million in 2014. This revenue requirement includes approximately \$1 million annually for Unit 1 spent fuel storage costs. In 2014 SDG&E collected through rates approximately \$165.8 million for SONGS operating O&M and capital-related costs. Approximately \$121.6 million of this amount is for O&M.

were received by SDG&E, SDG&E recorded the amounts in the SONGSBA. Each month, SDG&E compared 1/12th of the revenue requirement with billings received from SCE in order to calculate the under/over collection. Thus, SDG&E has recorded those SONGS O&M decommissioning costs incurred in 2014 and invoiced by SCE as a debit (or shortfall, or undercollection) in the SONGSBA. In accordance with Sections 4.9(i) and (j) of the SONGS OIL Settlement Agreement, SDG&E refunded ratepayers the recorded (January through October) and forecasted (November through December) 2014 SONGSBA overcollections with a credit to SDG&E's Energy Resource Recovery Account ("ERRA") and Non-Fuel Generation Balancing Account ("NGBA").<sup>18</sup>

Thus, Trust disbursements for these costs will not result in double-recovery for SDG&E.

<i>O&amp;M Billed by SCE (excluding planning costs)</i>	Estimated in DCE	Recorded by SDG&E (\$million)	Authorized by CPUC (\$million)	Disbursed From SONGS 2&3 Trust (\$million)
June – Dec 2013	n/a	\$46.47 <sup>19</sup>	\$46.47 <sup>20</sup>	\$31.23
2014	n/a	\$27.08		
<b>TOTAL</b>	<b>n/a</b>	<b>\$73.55</b>	<b>\$46.47</b>	<b>\$31.23</b>

#### *ii. Capital and Capital-Related Expenditures*

SCE invoices SDG&E for its share of capital, capital-related and M&S decommissioning expenditures for SONGS 2&3 including contractual overheads for payroll adders and A&G costs. Based on information provided by SCE, SDG&E had recorded costs of \$3.77 million in decommissioning-related capital and M&S costs in 2014.<sup>21</sup>

These decommissioning-related capital costs, totaling \$3.73 million of the \$3.77 million, include expenditures related to spent fuel storage and site-security projects. For example, this category includes capital costs associated with the design and fabrication of AREVA's enhanced 32PTH2 Dry Shielded Canisters ("DSCs") and station security modifications designed to enable the reduction of the protected area footprint and reduce security staffing, while maintaining NRC requirements.

Pursuant to the terms of the Settlement Agreement, SDG&E recovers in rates the full amounts recorded as SONGS-related capital, also called "CWIP".<sup>22</sup> SDG&E is currently recovering in rates the portion of its recorded SONGS-related capital decommissioning costs incurred June through December 2013 that it has not been able to recover from the Trust because of ongoing uncertainty concerning the use of trust funds for certain spent fuel management costs under

<sup>18</sup> AL 2672-E, (approved March 10, 2015, effective January 1, 2015).

<sup>19</sup> AL 2724-E at Attachment A.

<sup>20</sup> Res. E-4678.

<sup>21</sup> Again, because of SDG&E's inability to track billed costs by WBS or NRC categories, SDG&E is not able to provide a more detailed comparison of its billed capital costs to the DCE at this time.

<sup>22</sup> Settlement Agreement at Section 4.8(a).

IRS regulations.<sup>23</sup> The completed CWIP for 2014 is also included in SDG&E's regulatory asset for 2014.

However, the Settlement Agreement also states that SDG&E "will, to the extent permitted by applicable tax laws without penalty and CPUC action, seek reimbursement of Completed CWIP that enters service after June 7, 2013, as expenses from the Nuclear Decommissioning Trusts rather than recovering this investment through rates. The Utilities will not amortize in rates any portion of the Completed CWIP balance that has been paid for by the Nuclear Decommissioning Trusts."<sup>24</sup> Similarly, the Settlement Agreement states that SDG&E will seek reimbursement of the M&S Investment from the Trusts, to the extent permitted, and it will not amortize in rates any portion of the M&S that is paid for by the Trust.

Therefore, if and when SDG&E receives a trust fund disbursement for its decommissioning capital costs of \$3.73M and M&S costs of \$.04 million incurred in 2014, SDG&E will stop amortizing those costs in rates and the trust funds would be credited to the regulatory asset going forward (i.e., that amount and any future associated return would be removed from the regulatory asset going forward). Any amount received from the Trust that was already collected from ratepayers as part of the Settlement Agreement implementation would be returned to ratepayers in a subsequent rate true-up through the annual NGBA update filing.

<i>Capital Expenditure and Material and Supply Decommissioning Expenditures</i>	Estimated in DCE (\$million; 20%)	Recorded by SDG&E (\$million)	Authorized by CPUC (\$million)	Disbursed From SONGS 2&3 Trust (\$million)
June – Dec 2013	n/a	\$1.60 <sup>25</sup>	\$1.60 <sup>26</sup>	\$1.08
2014	n/a	\$3.77		
<b>TOTAL</b>	<b>n/a</b>	<b>\$5.37</b>	<b>\$1.60</b>	<b>\$1.08</b>

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<sup>23</sup> See *supra* at 3 and fn6; see also SDG&E AL 2672-E.

<sup>24</sup> Settlement Agreement at Section 4.8(b).

<sup>25</sup> SDG&E AL 2724-E at Attachment A.

<sup>26</sup> Res. E-4678.

*iii. SDG&E Only Costs (100%)*

In 2014, SDG&E recorded “SDG&E only” expenses necessary to carry out its oversight role at SONGS as well as SDG&E’s decommissioning expenses. SDG&E incurred all of these costs itself (100%). It did not receive bills from SCE for any of these costs. In addition, none of these costs fall into the “non-O&M” categories.

SDG&E recorded \$1.09 million of SDG&E-only costs in 2014. These activities are exclusive of internal accounting, audit, legal, and other activities for which costs are allocated through capital A&G overhead loaders and non-capital A&G FERC accounts.

<i>SDG&amp;E 2014 Decommissioning Internal Costs (excluding Planning and Trust Administration Costs) (100%)</i>	Labor (\$million)	Non-Labor (i.e., Consultants, Outside Legal, Internal) (\$million)	<b>TOTAL (\$million)</b>
SDG&E Recorded	\$0.56	\$0.53	<b>\$1.09</b>
DCE <sup>27</sup>	\$0.72	\$0.74	<b>\$1.46</b>
VARIANCE	(\$0.16)	(\$0.21)	<b>(\$0.37)</b>

Internal SDG&E costs fall into two main categories.

First, SDG&E records labor costs for personnel directly involved in carrying out its role in overseeing and reviewing activities at the plant and SDG&E continues to retain a site representative at the SONGS worksite to review day-to-day decommissioning activities and progress, and provide contact and interaction with SONGS decommissioning management and personnel. In addition, SDG&E retains personnel to review invoices and track expenditures against SCE-internal budgets, including those for O&M, capital and fuel contracts, and property leasing considerations. SDG&E’s 2014 recorded fully loaded labor costs (\$0.56 million) was 22% lower than the fully loaded labor cost in the DCE estimate for 2014 (\$0.72 million) because fewer labor resources were allocated to SDG&E’s SONGS decommissioning activities than originally anticipated in its 2014 SDG&E-only DCE estimate.

The second type of SDG&E-only cost in 2014 is non-labor cost. This includes costs associated with the use of outside decommissioning consultants, outside legal counsel and internal non-labor costs (i.e., travel expenses). SDG&E’s 2014 recorded non-labor costs (\$0.53 million) were reasonably close to the DCE estimate for 2014 (\$0.74 million).

Because these SDG&E-only costs are specific to SDG&E, and not billed by SCE, they were not recorded in the SONGSBA.

SDG&E had an authorized revenue requirement of \$0.24 million from its TY2012 GRC related

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<sup>27</sup> A.14-12-007, Exh. 18 (testimony of SDG&E witness De Marco) at Attachment A, A-2.

to SDG&E's 'oversight' of SONGS as an operating generation plant, including SDG&E-only labor without labor loaders for two persons plus FF&U (franchise fees). For those costs with an authorized revenue requirement, SDG&E's 2014 costs were higher than the authorized amount because SDG&E had to allocate additional labor to its decommissioning-related activities. In accordance with the SONGS OII Settlement Agreement, SDG&E will credit Trust funds received for these amounts to ratepayers through its ERRA, as appropriate.

Some of these costs, specifically the costs associated with outside decommissioning consultants and outside decommissioning legal counsel, do not have an authorized revenue requirement because they were unforeseen costs at the time of SDG&E's last GRC filing (December 2010). Therefore, SDG&E has had to expense those amounts, and thus, will retain any trust disbursements for those costs.

<i>SDG&amp;E-Only Costs (100%)</i>	Estimated in DCE (\$million)	Recorded by SDG&E (\$million)	Authorized by CPUC (\$million)	Disbursed From SONGS 2&3 Trust (\$million)
June – Dec 2013	\$0.80	\$0.52 <sup>28</sup>	\$0.52 <sup>29</sup>	\$0.35
2014	\$1.46	\$1.09		
<b>TOTAL</b>	<b>\$2.26</b>	<b>\$1.61</b>	<b>\$0.52</b>	<b>\$0.35</b>

*iv. Non-O&M Costs*

Another category of decommissioning costs that are eligible to be paid with Trust funds, are SONGS Non-O&M costs,<sup>30</sup> which are defined in the Settlement Agreement as all SONGS-related expenses recorded in FERC accounts 408, 924, 925, and 926 that are *not*.

- (a) Non-O&M Balancing Account Expenses;
- (b) Capitalized overhead; or
- (c) Recorded in FERC accounts 517-532.<sup>31</sup>

The FERC Uniform System of Accounts<sup>32</sup> defines account 924 as property insurance, account 925 as injuries and damages (including liability insurance), accounts 408.1 and 408.2 as taxes other than income (i.e., property taxes) and account 926 as Pension and Benefits. Thus, this AL focuses on costs recorded by SDG&E in 2014 for SONGS Non-O&M costs, specifically:

- Insurance, including Property and Liability
- Property Taxes

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<sup>28</sup> AL 2724-E.

<sup>29</sup> Res. E-4678.

<sup>30</sup> See, Settlement Agreement at Para. 2.28.

<sup>31</sup> Settlement Agreement at Para. 2.28.

<sup>32</sup> 18 CFR Part 101.

SDG&E's Pension and Benefit expenses, Payroll Taxes and Administrative and General expenses related to SONGS in 2014 are not included in SONGS Non-O&M costs.

SDG&E incurs property tax directly, while SCE bills SDG&E for insurance. None of these costs were subject for inclusion in the SONGSBA<sup>33</sup> and were therefore not balanced.

<b>SDG&amp;E 2014 NON-O&amp;M Decommissioning Costs (January 2014 to December 2014 ) (\$millions)</b>			
2014 \$	INSURANCE	PROPERTY TAXES	TOTAL
RECORDED (no loaders)	(\$0.21)	\$2.56	\$2.35
DCE	\$0.99	\$0.39	\$1.38
VARIANCE	(\$1.20)	\$2.17	\$0.97

### 1. Insurance

<i>Non-O&amp;M Costs: Property and Liability Insurance</i>	Estimated in DCE (\$million)	Recorded by SDG&E (\$million)	Authorized by CPUC (\$million)	Disbursed From SONGS 2&3 Trust (\$million)
June – Dec 2013	\$1.07	\$0.88 <sup>34</sup>	\$0.88 <sup>35</sup>	\$0.59
2014	\$0.99	(\$0.21)		
<b>TOTAL</b>	<b>\$2.06</b>	<b>\$0.67</b>	<b>\$0.88</b>	<b>\$0.59</b>

SDG&E pays SONGS nuclear property and liability insurance cost through policies held by SCE with Nuclear Electric Insurance Limited ("NEIL"). Non-nuclear property and liability insurance is held by SCE through a variety of insurers and brokers. SDG&E is billed for its share of insurance policy costs by SCE.<sup>36</sup>

The amount recorded in 2014 (a credit of \$0.20 million) varies by more than 10% from the 2014 DCE estimate for insurance (\$0.99 million) because of the reversal of 2013 accruals for property and liability insurance.

<sup>33</sup> D.06-11-026 allows SDG&E to balance SONGS O&M cost. Insurance and Taxes are A&G expenses and were therefore not balanced.

<sup>34</sup> AL 2724-E at 11.

<sup>35</sup> See, Res. E-4678.

<sup>36</sup> These insurance policy costs include workers' compensation.

If the Commission approves SDG&E's requested trust disbursement, section 4.9(i) of the Settlement Agreement requires SDG&E to recover the \$0.20 million credit through the ERRA. Thus, trust disbursements for this credit will not result in double-recovery for SDG&E.

## 2. Property Taxes

<i>Non-O&amp;M Costs: Property Taxes</i>	Estimated in DCE (\$million)	Recorded by SDG&E (\$million)	Authorized by CPUC (\$million)	Disbursed From SONGS 2&3 Trust (\$million)
June – Dec 2013	\$0 <sup>37</sup>	\$2.64 <sup>38</sup>	\$2.64 <sup>39</sup>	\$1.77
2014	\$0.39	\$2.56		
<b>TOTAL</b>	<b>\$0.39</b>	<b>\$5.20</b>	<b>\$2.64</b>	<b>\$1.77</b>

SDG&E property taxes related to its ownership interest in SONGS are assessed by the California State Board of Equalization ("SBE").<sup>40</sup> Because SDG&E is a regulated public utility, its property taxes are assessed by the SBE as an entire unit. The SBE allocates SDG&E's total unitary property tax assessment to the various Counties where SDG&E's property is located. The Counties issue property tax bills based on the State's allocation of SDG&E's property tax assessment to each County. SDG&E pays the property taxes directly to the Counties.

In 2014, SDG&E recorded \$2.56 million for taxes associated with SONGS. The amount recorded in 2014 (\$2.56 million) varies by more than 10% from the 2014 DCE estimate for property taxes (\$0.39 million) because property taxes did not decrease as the DCE had assumed they would.

If the Commission approves SDG&E's requested trust disbursement, section 4.9(i) of the Settlement Agreement requires SDG&E to refund the \$2.56 million through the ERRA. Thus, if and when SDG&E receives a reimbursement from the Trusts for these costs, SDG&E intends to apply those reimbursements in the manner they were originally recorded.

### *v. Energy for SONGS*

In 2014, SDG&E recorded \$0.42 million for energy for SONGS. After Units 2&3 shut down in January 2012, the SONGS facility continued to take service, except now instead of energy coming from Unit 2 or 3, it had to come into SONGS from the high voltage transmission system, stepped down via each of the Unit's transformers. For this load, SCE scheduled electricity and

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<sup>37</sup> In AL 2724-E at 11, SDG&E mistakenly calculated \$133,688 as SDG&E's share of the property tax estimated cost for June thru December 2013 in the DCE because of an incorrectly identified decommissioning period. The table above corrects this error.

<sup>38</sup> AL 2724-E at Attachment A.

<sup>39</sup> See, Res. E-4678.

<sup>40</sup> The testimony of Randall G. Rose in the TY2012 GRC, SDG&E-34, addresses property taxes.



subsequently charged SDG&E at the SONGS default load aggregation point (“DLAP”) wholesale price for its 20% co-ownership share.

<b>SDG&amp;E 2014 ENERGY FOR SONGS (January 2014 to December 2014)</b>	
2014\$	ENERGY (\$millions)
RECORDED <sup>41</sup>	\$0.42
DCE	\$1.24
VARIANCE	(\$0.82)

Beginning June 7, 2013, SONGS ceased producing electricity and operating on a commercial basis. Accordingly, SDG&E believes that because SONGS is no longer operational, an SDG&E retail tariff is the appropriate tariffed rate. This is the same rate charged to the South Bay Power Plant when it was no longer in service and was undergoing decommissioning. This rate is reasonably reflected in the DCE.

The amount recorded in 2014 (\$0.42 million) varies by more than 10% from the 2014 DCE estimate for SONGS energy (\$1.24 million). The reason for the variance between the DCE and SDG&E’s recorded costs is because SCE continues to bill SDG&E at a different rate than what is used to estimate the DCE SONGS energy estimate (SDG&E’s retail rate).

SDG&E has provided notice to SCE of its intent to bill SCE for its portion of the decommissioning energy for SONGS at the retail rate and the two utilities are currently in negotiations regarding a service agreement. For purposes of this AL, SDG&E assumes that any resolution of this issue, including any subsequent true-up between SCE’s and SDG&E’s billings, will not alter SDG&E’s recorded 2014 costs but rather be reflected as a true-up to cost records in subsequent years.

The cost of providing energy to SONGS is another example of a decommissioning cost that was not anticipated in any previous GRC proceeding, and therefore, SDG&E does not have an authorized revenue requirement for those costs. SDG&E recorded these costs through an internal order that settled to a deferred credit account on the balance sheet. In essence, these costs are residing on an SDG&E balance sheet as a receivable from the Trust. Once SDG&E receives the reimbursement, it will debit cash and credit the account where the charges were originally recorded.

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<sup>41</sup> Energy billed to SDG&E by SCE in 2014 did not include loaders.

<i>Energy for SONGS (\$million)</i>	Estimated in DCE	Recorded by SDG&E	Authorized by CPUC	Disbursed From SONGS 2&3 Trust
June – Dec 2013	\$0.49	\$0.37 <sup>42</sup>	\$0.37 <sup>43</sup>	\$0.25
2014	\$1.24	\$0.42		
<b>TOTAL</b>	<b>\$1.73</b>	<b>\$0.79</b>	<b>\$0.37</b>	<b>\$0.25</b>

*vi. Site Easements*

SONGS resides on site easements and/or land leased from the U.S. Department of the Navy.<sup>44</sup> The SONGS Plant Site Easement (the Plant side) currently requires SONGS to return the land to its original condition at the conclusion of decommissioning.<sup>45</sup> Cost for leases and easements paid by SDG&E to SCE are embedded in the billing for SONGS O&M. SDG&E is billed directly by the Navy for the site easements which originated from the original congressional grant from 1964.

<b>SDG&amp;E 2014 DECOMMISSIONING SITE EASEMENT COSTS (January to December 2014 )</b>	
<i>Site Easement for SONGS</i>	Site Easement (\$million)
RECORDED <sup>46</sup>	\$0.02
DCE	\$0.17
VARIANCE	(\$0.15)

<sup>42</sup> AL 2724-E at 12

<sup>43</sup> Res. E-4678.

<sup>44</sup> There are several leases for which SDG&E is billed by SCE for its portion, and those costs are incorporated into the general SONGS O&M amount. For example, the lease agreement (Mesa side) currently requires SONGS to remove all of the buildings unless the U.S. Navy requests otherwise. "SONGS Shutdown and Decommissioning", CA Senate Energy, Utilities and Communications Committee, August 13, 2013, <http://seuc.senate.ca.gov/sites/seuc.senate.ca.gov/files/08-13-13Edison.pdf>. Additionally, SONGS maintains a lease with State of California State Lands Commission ("CSLC"), providing access from the Plant site into the Pacific Ocean for SONGS' cooling water supply and discharge conduits. San Onofre Nuclear Generating Station Units 2&3 Post-Shutdown Decommissioning Activities Report at 13, <http://www.songscommunity.com/docs/PSDARRevisionAugust2014.pdf>.

<sup>45</sup> "SONGS Shutdown and Decommissioning", CA Senate Energy, Utilities and Communications Committee, August 13, 2013, <http://seuc.senate.ca.gov/sites/seuc.senate.ca.gov/files/08-13-13Edison.pdf>.

<sup>46</sup> No loaders are included in these recorded amounts.

In 2014, SDG&E recorded \$0.02 million for SDG&E's easements billed to SDG&E by the U.S. Navy related to the decommissioning of SONGS. The amount recorded in 2014 (\$0.02 million) varies by more than 10% from the 2014 DCE estimate for SONGS site easement costs (\$0.17 million). The reason for the variance is that the bulk of the costs for site easements are billed to SDG&E from SCE, and are thus embedded in O&M billings. The easements that are directly charged by the Navy to SDG&E are for the original congressional grant from 1964.

These costs were not recorded in the SONGSBA, and therefore, not balanced. SDG&E receives an authorized revenue requirement for easement costs associated with SONGS in its GRC. For purposes of this request, SDG&E is treating its SONGS easement costs similar to those GRC costs classified as "O&M" under the Settlement Agreement, and therefore, SDG&E intends to credit any trust fund reimbursements received for these costs to ERRA pursuant to sections 4.9(i) and (j) of the Settlement Agreement.

<i>Site Easements</i>	Estimated in DCE (\$million)	Recorded by SDG&E (\$million)	Authorized by CPUC (\$million)	Disbursed From SONGS 2&3 Trust (\$million)
June – Dec 2013	\$0.06	\$0.01 <sup>47</sup>	\$0.01 <sup>48</sup>	\$0.01
2014	\$0.17	\$0.02		
<b>TOTAL</b>	<b>\$0.23</b>	<b>\$0.03</b>	<b>\$0.01</b>	<b>\$0.01</b>

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<sup>47</sup> AL 2724-E at 13.

<sup>48</sup> See, Res. E-4678.

*vii. Nuclear Fuel Contract Cancellation Costs<sup>49</sup>*

The Commission found that expenses related to nuclear fuel contract termination costs are decommissioning costs, eligible for disbursement from the SONGS 2&3 Trusts.<sup>50</sup> This includes costs for nuclear fuel contract cancellation costs, including settlement and arbitration costs.

<b>SDG&amp;E 2014 DECOMMISSIONING NUCLEAR FUEL CONTRACT CANCELLATION COSTS (January to December 2014) (\$million)</b>	
\$2014	Fuel Contract Cancellation Costs
RECORDED <sup>51</sup>	\$1.00
DCE	\$3.54
VARIANCE	(\$2.54)

SCE billed SDG&E for its share of nuclear fuel cancellation costs in 2014 of \$1.00 million for the termination cost associated with the Westinghouse contract. The amount recorded in 2014 (\$1.00 million) varies by more than 10% from the 2014 DCE estimate (\$3.54 million). The reason for the variance is timing: the DCE cash flows did not align with the recorded cash flows even though the totals for 2013 and 2014 recorded costs are closely aligned with the DCE total estimate. Pursuant to Resolution E-4678, SDG&E will soon submit testimony concerning its 2013 and 2014 nuclear fuel contract cancellation costs in A.15-01-014/A.15-02-006 and its 2014 nuclear fuel contract cancellation costs will be reviewed for reasonableness in the same proceeding.

The costs associated with cancelling nuclear fuel contracts is another example of a decommissioning cost that was not anticipated in any previous GRC decision, and therefore, SDG&E does not have an authorized revenue requirement for those costs. As such, SDG&E had to expense those amounts, and thus, will reduce the nuclear fuel investment regulatory asset as described in Section 4.6 of the Settlement Agreement.

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<sup>49</sup> Scoping Memo and Ruling, issued on September 28, 2015, in A.15-01-014/15-02-006 requires SDG&E and SCE to submit supplemental testimony on 2014 nuclear fuel cancellation costs.

<sup>50</sup> Res. E-4678 at Finding and Conclusion 13.

<sup>51</sup> No loaders are included in these recorded amounts.

<i>Nuclear Fuel Contract Cancellation Costs</i>	Estimated in DCE (\$million)	Recorded by SDG&E (\$million)	Authorized by CPUC (\$million)	Disbursed From SONGS 2&3 Trust (\$million)
June – Dec 2013	\$0 <sup>52</sup>	\$2.10 <sup>53</sup>	\$2.10 <sup>54</sup>	\$1.41
2014	\$3.54	\$1.00		
<b>TOTAL</b>	<b>\$3.54</b>	<b>\$3.10</b>	<b>\$2.10</b>	<b>\$1.41</b>

*viii. Costs For Which SDG&E Can Already Access Trust Funds*

The last SONGS Decommissioning cost category is those types of costs for which SDG&E does not need Commission authorization to access trust funds. Specifically, decommissioning planning costs and trust administrative costs do not require prior NRC or Commission approval to withdraw from the trusts. SDG&E is not seeking Commission authority in this advice letter for trust fund disbursements for these costs, but provides this information for the reader's knowledge.

1. Decommissioning Planning Costs

NRC regulations allow the use of trust funds to pay up to 3% of a generic formula, per unit, for decommissioning planning costs.<sup>55</sup> These costs may be incurred at any time, even before decommissioning begins. These costs include the development of "paper" plans, such as the drafting of the Post Shutdown Activities Report ("PSDAR").<sup>56</sup> As a result of Commission-approved MTA language, SDG&E does not require Commission approval to access trust funds to pay for these costs.<sup>57</sup>

SDG&E paid SCE \$1.89 million for costs identified by SCE as decommissioning planning costs

<sup>52</sup> AL 2724-E at 14.

<sup>53</sup> AL 2724-E at Attachment A.

<sup>54</sup> Res. E-4678 at 6-7.

<sup>55</sup> 10 CFR § 50.82(a)(8)(ii). The generic formula is stated at 10 CFR § 50.75. As reported by SCE in the March 2013 decommissioning funding report to the NRC, the formula amount for SONGS decommissioning is \$521.5 million per unit (Units 2&3). SDG&E's share is 20% of the 3% limit, or \$3.13 million per unit.

<sup>56</sup> U.S. Nuclear Regulatory Commission, *Decommissioning Of Nuclear Power Reactors*, Regulatory Guide 1.184 at 16-17 (July 2000), <http://www.orau.org/ptp/PTP%20Library/library/NRC/Reguide/01-184.pdf> ("Appropriate activities for the use of the initial 3 percent of the decommissioning funds include engineering designs, work package preparation, and licensing activities. Activities that would not be considered appropriate uses for these planning funds include decontamination, draining of systems, removal of filters, projects designed to demonstrate the feasibility of a particular decommissioning activity, or the decontamination of a building that is no longer required and would ultimately have to be decontaminated before license termination.").

<sup>57</sup> SDG&E Advice Letter 1056-E, approved February 23, 1998.

in 2014. Costs included SCE's drafting of decommissioning planning documents, such as the PSDAR, the DCE, the Irradiated Spent Fuel Management Report, and the solicitation and review of the next decommissioning cost estimator and decommissioning advisor. In addition, SDG&E also incurred its own (100%) decommissioning planning costs in 2014 (\$0.03 million), specifically related to outside legal assistance. SDG&E's total decommissioning planning costs for 2014, \$1.92 million, have been excluded from Section IV(i) (*O&M Invoiced By SCE*) above and Section V (Comparison of Recorded Costs to the DCE) below.

At the time of this filing, SDG&E has received reimbursement from its Trust for some of the 2014 planning costs and recently received approval for reimbursement of the remaining amount from the SDG&E Trust Committee. SDG&E will credit ratepayers with the reimbursement amount as appropriate.

## 2. Trust Administration Costs

Trust administrative costs and incidental trust expenses, such as legal, investment management fees, accounting, taxes, actuarial and trustee expenses incurred in connection with the operation of the trusts, may be paid with trust funds without Commission approval.<sup>58</sup> SDG&E and the Trust incurred administrative trust fund expenses and taxes in calendar year 2014 and withdrew a reimbursement for \$9.69 million of these costs from the Trusts.<sup>59</sup>

## V. COMPARISON OF SDG&E'S RECORDED COSTS TO DCE

SDG&E provides Attachment A as a comparison of SONGS 2&3 costs paid by SDG&E compared to the DCE.<sup>60</sup> Attachment A shows SDG&E's requested trust disbursement of up to \$35.73 million (SDG&E 20% share plus SDG&E internal (100%) costs) in comparison to SDG&E's DCE estimated share of \$54.60 million for decommissioning costs occurring in 2014. SDG&E cautions that Attachment A should not be considered a comprehensive comparison exhibit because it is not possible to directly compare SDG&E's specific 2014 SONGS 2&3 costs and the DCE cost category estimates.<sup>61</sup>

SDG&E will update Attachment A in future disbursement advice letters. Attachment B provides this information graphically as well.<sup>62</sup>

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<sup>58</sup> See, e.g., 10 CFR § 50.75(h)(1)(iv); Resolution E-3060, issued Nov. 25, 1987 (approving SDG&E's Advice Letter 718-E, which in turn sought approval of SDG&E's MTAs, including provisions for paying administrative costs as incurred).

<sup>59</sup> SDG&E 2014 Annual Nuclear Decommissioning Report (Confidential), submitted April 9, 2015, to Energy Division, at 12. The reimbursement of Trust Administrative Costs pertains to costs for all SONGS Units (Units 1, 2 and 3). SDG&E incurred additional legal costs in 2014 for Trust Administration costs, but has not yet withdrawn Trust funds for such costs.

<sup>60</sup> Attachment A excludes decommissioning planning and trust administration cost information.

<sup>61</sup> SDG&E is still working with SCE to obtain information needed to align its accounting system to reflect the DCE and the DCE's cost categories. In addition, SCE has not yet provided SDG&E with information about its 2014 invoices that SDG&E needs to fully report its recorded 2014 costs by DCE cost category or into NRC buckets (i.e., License Termination, Spent Fuel Management or Site Restoration).

<sup>62</sup> Attachment B excludes decommissioning planning and trust administration cost information.

SDG&E has also provided Attachment C, modeled after a similar graph in Pacific Gas & Electric Company's ("PG&E") disbursement advice letters, which tracks SDG&E's actual, cumulative, decommissioning expenditures for SONGS 2&3 against the DCE's forecasted expenditures for SDG&E.<sup>63</sup> Attachment C reflects SDG&E's recorded decommissioning costs for 2013 and 2014.<sup>64</sup> SDG&E will update Attachment C in future disbursement advice letters.

## **VI. EXPENDITURES AND DISBURSEMENTS TO DATE AND CASH FLOWS**

SDG&E provides Attachment D, which is a summary table of SDG&E's disbursement requests, Commission approvals and trust withdrawals, to date.<sup>65</sup> SDG&E will update Attachment D in future disbursement advice letters.

SDG&E also provides Attachment E, which provides a comparison of SDG&E's recorded cash flows, to date, to SDG&E's share of the DCE estimated cash flow schedule.<sup>66</sup> SDG&E will update Attachment E in future disbursement advice letters.

## **VII. REQUEST FOR RELIEF**

For the reasons explained above, SDG&E requests that the Commission authorize SDG&E to obtain disbursements of up to \$35.73 million from its SONGS 2&3 trusts for SONGS 2&3 decommissioning expenses incurred in 2014.

## **EFFECTIVE DATE**

SDG&E believes this filing is subject to Energy Division disposition and should be classified as Tier 2 (effective after staff approval). SDG&E respectfully requests that this filing become effective on November 22, 2015, 30 days after the date filed.

This filing will not result in an increase in any rates or charges, conflict with any schedules or rules, or cause withdrawal of service.

## **PROTEST**

Anyone may protest this Advice Letter to the California Public Utilities Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received by November 12, 2015, which is 20 days from the date this Advice Letter was filed with the Commission. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

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<sup>63</sup> See, PG&E Advice Letter 4333-E, filed December 23, 2013, at Attachment 1.

<sup>64</sup> Attachment C excludes decommissioning planning and trust administration cost information.

<sup>65</sup> Attachment D excludes decommissioning planning and trust administration cost information.

<sup>66</sup> Attachment E excludes decommissioning planning and trust administration cost information.

CPUC Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue  
San Francisco, CA 94102

Copies of the protest should also be sent via e-mail to the attention of the Energy Division at [EDTariffUnit@cpuc.ca.gov](mailto:EDTariffUnit@cpuc.ca.gov). A copy of the protest should also be sent via e-mail to the address shown below on the same date it is mailed or delivered to the Commission.

Attn: Megan Caulson  
Regulatory Tariff Manager  
E-mail: [mcaulson@semprautilities.com](mailto:mcaulson@semprautilities.com)

**NOTICE**

A copy of this filing has been served on the utilities and interested parties shown on the attached list, including interested parties in A.14-12-007 and I.12-10-013 by providing them a copy hereof either electronically or via the U.S. mail, properly stamped and addressed.

Address changes should be directed to SDG&E Tariffs by e-mail at [SDG&ETariffs@semprautilities.com](mailto:SDG&ETariffs@semprautilities.com).

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CLAY FABER  
Director – CA & Federal Regulatory



# CALIFORNIA PUBLIC UTILITIES COMMISSION

## ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SAN DIEGO GAS & ELECTRIC (U 902)**

Utility type:

ELC

GAS

PLC

HEAT

WATER

Contact Person: Joff Morales

Phone #: (858) 650-4098

E-mail: jmorales@semprautilities.com

### EXPLANATION OF UTILITY TYPE

ELC = Electric

GAS = Gas

PLC = Pipeline

HEAT = Heat

WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2806-E

Subject of AL: Request for Authorization of Reimbursements of SONGS 2&3 Decommissioning Costs Incurred or Recorded by SDG&E 1/1/ 2014 through 12/31/2014 from SONGS Decommissioning Trust

Keywords (choose from CPUC listing): Costs, Trust

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

D.14-12-082, D.11-07-003

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: None

Summarize differences between the AL and the prior withdrawn or rejected AL<sup>1</sup>: N/A

Does AL request confidential treatment? If so, provide explanation: N/A

Resolution Required?  Yes  No

Tier Designation:  1  2  3

Requested effective date: 11/22/2015

No. of tariff sheets: 0

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: N/A

Service affected and changes proposed<sup>1</sup>: N/A

Pending advice letters that revise the same tariff sheets: None

**Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:**

**CPUC, Energy Division**

**Attention: Tariff Unit**

**505 Van Ness Ave.,**

**San Francisco, CA 94102**

**EDTariffUnit@cpuc.ca.gov**

**San Diego Gas & Electric**

**Attention: Megan Caulson**

**8330 Century Park CT**

**San Diego, CA 92123**

**mcaulson@semprautilities.com**

General Order No. 96-B  
ADVICE LETTER FILING MAILING LIST

cc: (w/enclosures)

Public Utilities Commission

DRA

S. Cauchois  
R. Pocta  
W. Scott

Energy Division

P. Clanon  
S. Gallagher  
D. Lafrenz  
Tariff Unit

CA. Energy Commission

F. DeLeon  
R. Tavares

Alcantar & Kahl LLP

K. Cameron

American Energy Institute

C. King

APS Energy Services

J. Schenk

BP Energy Company

J. Zaiontz

Barkovich & Yap, Inc.

B. Barkovich

Bartle Wells Associates

R. Schmidt

Braun & Blaising, P.C.

S. Blaising

California Energy Markets

S. O'Donnell  
C. Sweet

California Farm Bureau Federation

K. Mills

California Wind Energy

N. Rader

Children's Hospital & Health Center

T. Jacoby

City of Poway

R. Willcox

City of San Diego

L. Cosio Azar  
D. Weil

Commerce Energy Group

V. Gan

CP Kelco

A. Friedl

Davis Wright Tremaine, LLP

E. O'Neill  
J. Pau

Dept. of General Services

H. Nanjo  
M. Clark

Douglass & Liddell

D. Douglass  
D. Liddell  
G. Klatt

Duke Energy North America

M. Gillette

Dynegy, Inc.

J. Paul

Ellison Schneider & Harris LLP

E. Janssen

Energy Policy Initiatives Center (USD)

S. Anders

Energy Price Solutions

A. Scott

Energy Strategies, Inc.

K. Campbell  
M. Scanlan

Goodin, MacBride, Squeri, Ritchie & Day

B. Cragg  
J. Heather Patrick  
J. Squeri

Goodrich Aerostructures Group

M. Harrington

Hanna and Morton LLP

N. Pedersen

Itsa-North America

L. Belew

J.B.S. Energy

J. Nahigian

Luce, Forward, Hamilton & Scripps LLP

J. Leslie

Manatt, Phelps & Phillips LLP

D. Huard  
R. Keen

Matthew V. Brady & Associates

M. Brady

Modesto Irrigation District

C. Mayer

Morrison & Foerster LLP

P. Hanschen

MRW & Associates

D. Richardson

Pacific Gas & Electric Co.

J. Clark  
M. Huffman

S. Lawrie

E. Lucha

Pacific Utility Audit, Inc.

E. Kelly

San Diego Regional Energy Office

S. Freedman  
J. Porter

School Project for Utility Rate Reduction

M. Rochman

Shute, Mihaly & Weinberger LLP

O. Armi

Solar Turbines

F. Chiang

Sutherland Asbill & Brennan LLP

K. McCrea

Southern California Edison Co.

M. Alexander  
K. Cini  
K. Gansecki

H. Romero

TransCanada

R. Hunter  
D. White

TURN

M. Hawiger

UCAN

D. Kelly

U.S. Dept. of the Navy

K. Davoodi  
N. Furuta

L. DeLacruz

Utility Specialists, Southwest, Inc.

D. Koser

Western Manufactured Housing

Communities Association

S. Dey

White & Case LLP

L. Cottle

Interested Parties

A.14-12-007  
I.12-10-013

# **ATTACHMENT A**

## **SDG&E 2014 Decommissioning Costs**

**DCE vs. Recorded**

**ATTACHMENT A**

**2014 SDG&E Decommissioning Costs  
DCE vs. Recorded**

<b>Description</b>		<b>Decommissioning Cost Estimate (DCE) (\$millions)</b>	<b>2014 SDG&amp;E Recorded Costs<sup>1</sup> (\$millions)</b>
SONGS O&M as billed by SCE (excluding decommissioning planning costs)		Not available	\$27.08
Capital Expenditure and Material and Supply Billings from SCE		Not available	\$3.77
SDG&E Internal Costs		\$1.46	\$1.09
Non-O&M Costs (excluding Pension & Benefits)	Insurance (Property and Liability)	\$0.99	(\$0.21)
	Property Tax	\$0.39	\$2.56
SONGS Station Energy		\$1.24	\$0.42
Site Easement Costs		\$0.17	\$0.02
Nuclear Fuel Contract Cancellation Costs		\$3.54	\$1.00
<b>Total</b>		<b>\$54.60<sup>2</sup></b>	<b>\$35.73</b>

<sup>1</sup> Because of SDG&E's inability to track billed costs by WBS or NRC categories, SDG&E is not able to provide a more detailed comparison of its billed O&M or capital-related costs to the DCE at this time.

<sup>2</sup> The total 2014 combined cost of the DCE estimate \$53.14 million (SDG&E's 20% share, 2014\$) and SDG&E's internal costs of \$1.46 million (SDG&E's 100% share, 2014\$) is \$54.60 million. SDG&E is presently unable to disaggregate the SONGS O&M, Capital expenditure, and M&S billed by SCE into specific DCE line items.

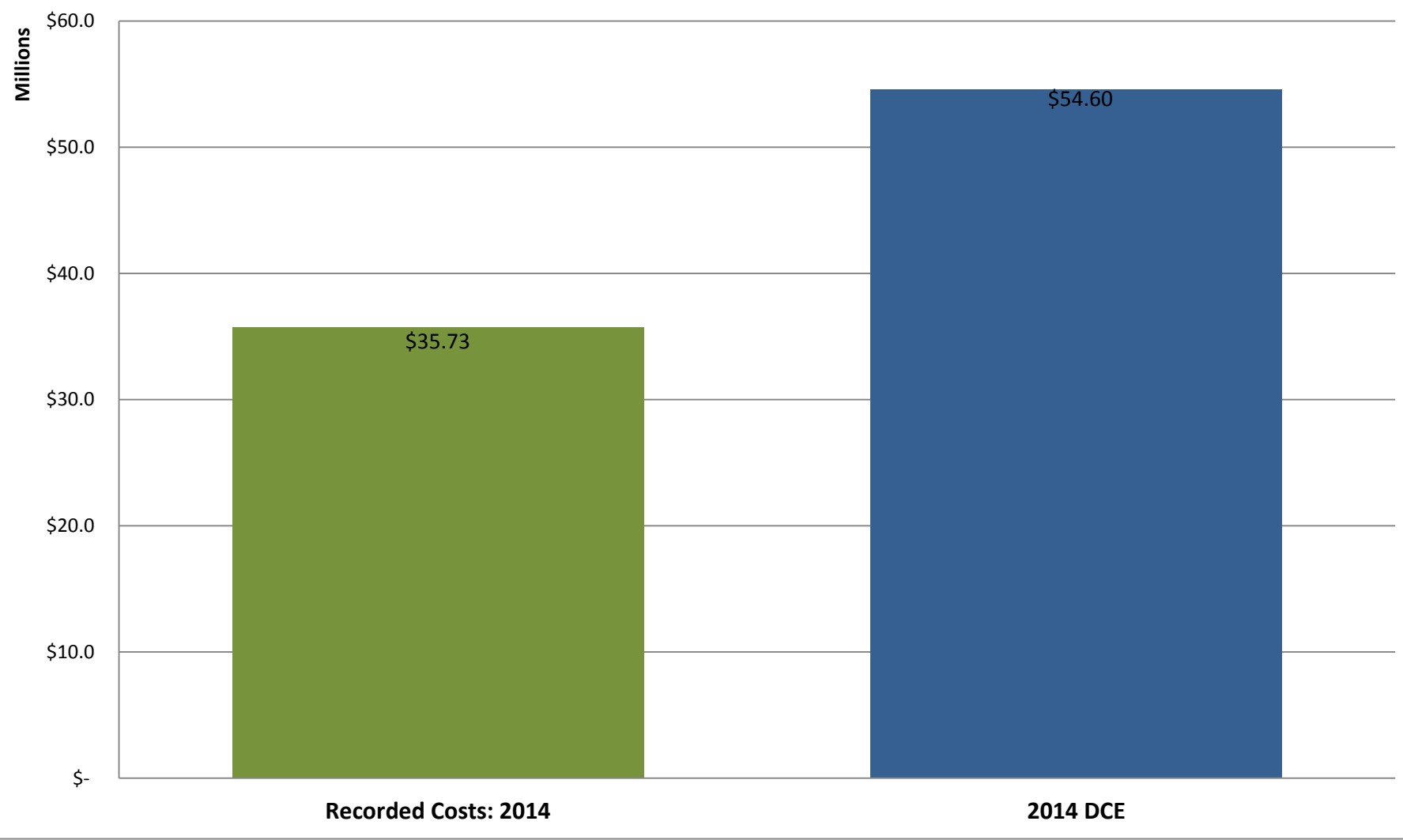
# **ATTACHMENT B**

**2014 SDG&E SONGS Decommissioning Costs**

**SDG&E Recorded vs. DCE Estimate**

**ATTACHMENT B**  
**2014 SDG&E SONGS Decommissioning Costs**  
**Recorded vs. DCE**  
**(2014 \$)**

■ Recorded Costs: 2014   ■ 2014 DCE



# **ATTACHMENT C**

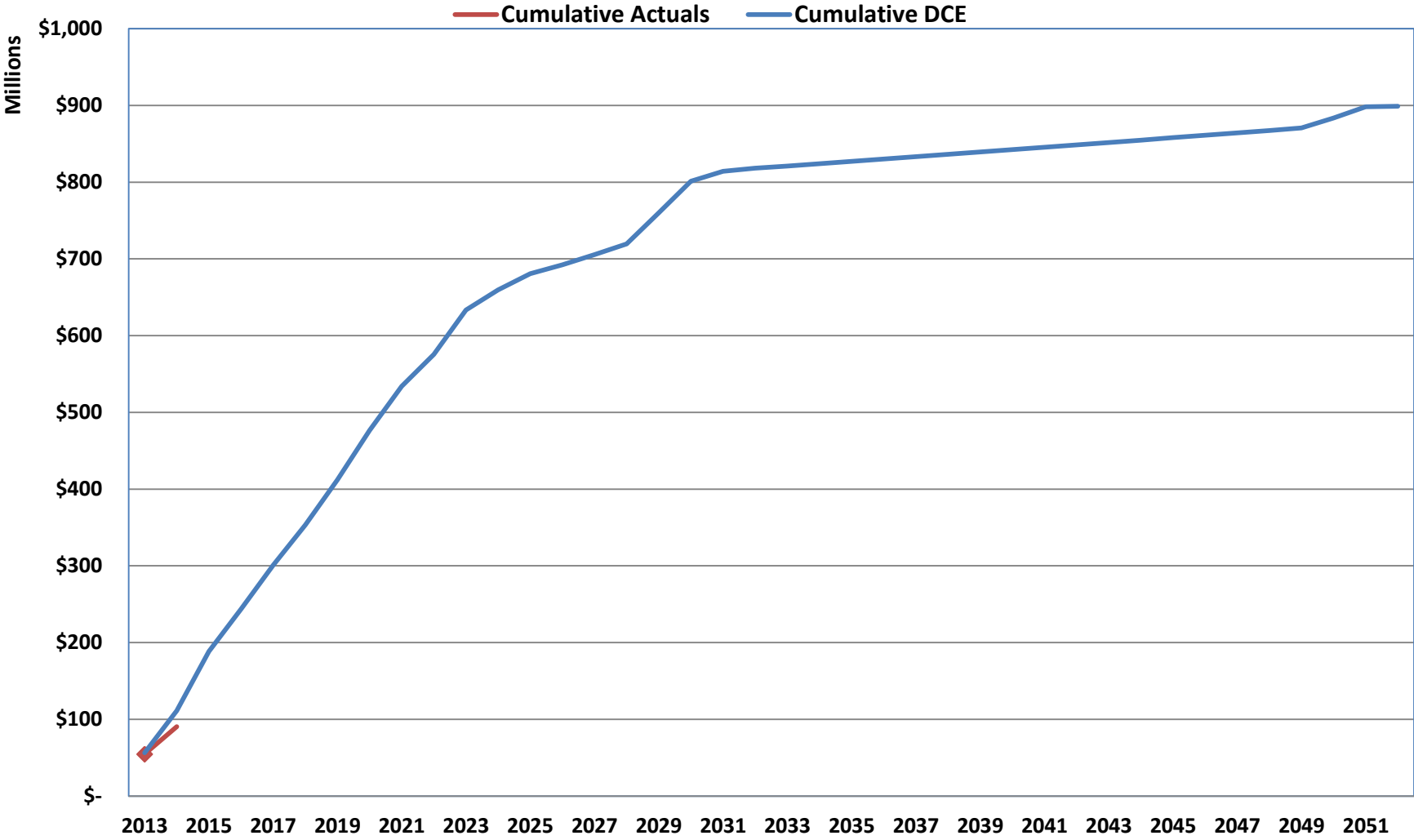
## **SDG&E Decommissioning Costs**

**Cumulative DCE vs. Cumulative Recorded Costs**

# ATTACHMENT C

## SDG&E Decommissioning Costs - Cumulative

### DCE Forecast vs. Actuals





# **ATTACHMENT D**

## **SDG&E Decommissioning Costs**

**Summary of Disbursement Requests, Commission Approvals  
and Trust Withdrawals**

## ATTACHMENT D

### SDG&E SONGS 2&3 Decommissioning Costs Summary of Previous Disbursement Requests, Approvals and Trust Withdrawals

	<b>SDG&amp;E Request</b>	<b>Commission Approval</b>	<b>Trust Withdrawal To Date<sup>1</sup></b>
2013 SDG&E Decommissioning Costs <sup>2</sup>	\$55 million	\$55 million <sup>3</sup>	\$36.69 million
2014 SDG&E Decommissioning Costs <sup>4</sup>	\$35.73 million		
<b>Total</b>	<b>\$90.73 million</b>	<b>\$55 million</b>	<b>\$36.69 million</b>

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<sup>1</sup> The differences between the Commission authorized amount and SDG&E's subsequent trust withdrawals are due to the ongoing Dominion issue.

<sup>2</sup> SDG&E Advice Letter 2724-E.

<sup>3</sup> Resolution E-4678-E.

<sup>4</sup> SDG&E Advice Letter 2806-E

# **ATTACHMENT E**

## **SDG&E Decommissioning Costs**

**Comparison of SDG&E Recorded Cash Flows to  
DCE Estimated Cash Flow Schedule for SDG&E**

## ATTACHMENT E

### Comparison of DCE Estimated Cash Flow Schedule to Actual SDG&E Cash Flows (Recorded) (\$000)

Year	Total DCE (100% )	SDG&E Share of		Total SDG&E Cash	
		DCE (20%)	SDG&E Only Costs	Flow Estimate	SDG&E Recorded
2013	280,445	56,089	472	56,561	54,596
2014	265,696	53,139	1,463	54,602	35,734
2015	378,453	75,691	1,641	77,332	
2016	268,662	53,732	1,389	55,121	
2017	282,003	56,401	867	57,268	
2018	257,581	51,516	854	52,370	
2019	289,524	57,905	842	58,747	
2020	318,342	63,668	829	64,497	
2021	283,600	56,720	816	57,536	
2022	204,309	40,862	804	41,666	
2023	284,151	56,830	791	57,621	
2024	128,247	25,649	779	26,428	
2025	100,936	20,187	719	20,906	
2026	56,749	11,350	371	11,721	
2027	63,978	12,796	371	13,167	
2028	68,294	13,659	371	14,030	
2029	199,854	39,971	371	40,342	
2030	204,200	40,840	371	41,211	
2031	62,970	12,594	371	12,965	
2032	18,672	3,734	348	4,082	
2033	14,428	2,886	32	2,918	
2034	14,428	2,886	32	2,918	
2035	14,457	2,891	32	2,923	
2036	15,330	3,066	32	3,098	
2037	15,330	3,066	32	3,098	
2038	15,330	3,066	32	3,098	
2039	15,330	3,066	32	3,098	
2040	15,330	3,066	32	3,098	
2041	15,330	3,066	32	3,098	
2042	15,330	3,066	32	3,098	
2043	15,330	3,066	32	3,098	
2044	15,330	3,066	32	3,098	
2045	15,330	3,066	32	3,098	
2046	15,330	3,066	32	3,098	
2047	15,330	3,066	32	3,098	
2048	15,330	3,066	32	3,098	
2049	15,334	3,067	402	3,469	
2050	63,245	12,649	402	13,051	
2051	70,639	14,128	402	14,530	
2052	2,755	551	0	551	
<b>Total:</b>	<b>\$ 4,411,246</b>	<b>\$ 882,249</b>	<b>\$ 16,549</b>	<b>\$ 898,798</b>	<b>\$ 90,321</b>

**Appendix J**  
**2015 NGBA UPDATE**  
**AL 2819**

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298



December 8, 2015

**Advice Letter 2819-E**

San Diego Gas & Electric  
Attention: Megan Caulson  
Regulatory Tariff Manager  
8330 Century Park Court, Room 32C  
San Diego, CA 92123-1548

**SUBJECT: Annual Non-Fuel Generation Balancing Account Update**

Dear Ms. Caulson:

Advice Letter 2819-E is effective as of December 13, 2015.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph

Director, Energy Division



Clay Faber - Director  
Regulatory Affairs  
8330 Century Park Court  
San Diego, CA 92123-1548

Tel: 858-654-3563  
Fax: 858-654-1788  
CFaber@semprautilities.com

November 13, 2015

**ADVICE LETTER 2819-E**

(U 902-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

**SUBJECT: ANNUAL NON-FUEL GENERATION BALANCING ACCOUNT UPDATE**

**PURPOSE**

The purpose of this Advice Letter ("AL") is to request the California Public Utilities Commission's ("Commission") approval of San Diego Gas & Electric Company's ("SDG&E") 2016 Non-Fuel Generation Balancing Account ("NGBA") revenue requirement including addressing the ratemaking disposition of San Onofre Nuclear Generating Station ("SONGS") Units 2&3 in accordance with Decision ("D.") 14-11-040 as described in AL 2672-E, as appropriate.<sup>1</sup>

The NGBA revenue requirement reflects updates to the SONGS, SDG&E's Generation Plants and on-going revenue requirement for the utility-owned generation ("UOG") portion of SDG&E's Solar Photovoltaic Program. Additionally, this filing includes the forecasted year-end Solar Energy Project Balancing Account ("SEPBA") balance for amortization in January 1, 2016 rates as authorized by the Commission.

**DISCUSSION**

The NGBA applies to SDG&E's bundled service customers and provides recovery of approved electric generation non-fuel costs not being recovered by another component of SDG&E's electric rates. Currently, SDG&E has ownership interest in SONGS, Miramar Energy Facilities ("MEF") I & II, Palomar Energy Center ("Palomar"), Desert Star Energy Center ("Desert Star"), Cuyamaca Peak Energy Plant ("CPEP"), and the UOG portion of SDG&E's Solar Photovoltaic Program, of which the non-fuel revenue requirement for each is reflected in the NGBA.

The revenue requirement adjustments described in this Advice Letter have received prior Commission authorization, and are presented in this filing to produce SDG&E's NGBA revenue requirement effective January 1, 2016. The updated NGBA revenue requirement will be included in SDG&E's Electric Consolidated Filing in December 2015 to implement January 1, 2016 Electric Rates. A summary of the NGBA revenue requirement for 2016 and a summary of present and proposed class average rates are included herein as Attachments A and B respectively. SONGS 2&3 related NGBA items in compliance with D.14-11-040 and AL 2672-E are addressed in Attachment C.

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<sup>1</sup> AL 2672-E, filed November 26, 2014 and approved by the Commission on March 10, 2015, with effective date of January 1, 2015.

In this filing, SDG&E proposes a net \$8.3 million (without franchise fees and uncollectible expense ("FF&U")) decrease to the NGBA revenue requirement, effective January 1, 2016.

### **SAN ONOFRE NUCLEAR GENERATION STATION**

The 2016 SONGS non-fuel revenue requirement of \$53.1 million (without FF&U) consists of \$2.0 million for operations & maintenance ("O&M") costs<sup>2</sup>, \$37.4 million for recovery of the net investment for base plant, construction work in progress ("CWIP") and materials & supplies, and \$13.7 million for the recovery of nuclear fuel investment, inclusive of Fuel Cancellation Costs.<sup>3</sup> The total change is a \$0.9 million increase to revenue requirement.

The 2016 SONGS O&M revenue requirement remains unchanged from 2015 approved levels of \$2.0 million. SDG&E filed a GRC (A.14-11-003) on November 14, 2014. Pursuant to D.15-05-044 issued May 21, 2015, any shortfall or over-collection that results from the difference between the rates currently in effect and the final rates adopted by the Commission will be recorded in the General Rate Case Memorandum Account 2016 ("GRCMA2016")<sup>4</sup>.

### **SDG&E GENERATION**

The 2016 SDG&E generation revenue requirement remains unchanged from 2015 approved levels of \$210.8 million (without FF&U). SDG&E's revenue requirement for generation includes: \$135.8 million for MEF I & II and Palomar; \$70.6 million for Desert Star; and \$4.4 million for CPEP.

As noted above, upon approval of SDG&E 2016 GRC, any shortfall or over-collection that results from the difference between the rates currently in effect and the final 2016 GRC rates adopted by the Commission will be recorded in the GRCMA2016.

### **SOLAR ENERGY PROJECT ("SEP")**

Per AL 2210-E, pursuant to D.10-09-016, SDG&E is approved a 2016 revenue requirement of \$0.1 million<sup>5</sup> (without FF&U), which SDG&E includes in this filing. The change is a \$0.4 million decrease to revenue requirement.

### **AMORTIZATION OF PROJECTED DECEMBER 31, 2015 BALANCES**

The projected December 31, 2015 NGBA balance as of this filing is \$11.1 million undercollected and it will be amortized over the next 12 months beginning January 1, 2016. The forecasted amount includes the balances of accounts transferred annually to the NGBA, such as the SONGS O&M Balancing Account ("SONGSBA") and the SEPBA. This represents an \$8.8 million reduction in January 1, 2016 rates.

### **RATE IMPACT**

The net NGBA revenue requirement decreased by \$8.4 million, including FF&U. As a result, SDG&E's total system average electric rates will decrease by approximately (0.051) cents/kWh or -0.23% from currently effective rates.

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<sup>2</sup> SDG&E TY2012 GRC.

<sup>3</sup> Fuel Cancellation Costs are defined in Appendix B §2.17, of D.14-11-040.

<sup>4</sup> AL 2763-E filed July 6, 2015, approved August 3, 2015, effective January 1, 2016.

<sup>5</sup> Represents revenue requirement for three months in 2016 (\$567k for the full year).



This filing will not create any deviations from SDG&E's tariffs, cause withdrawal of service from any present customers, or impose any more restrictive conditions.

**PROTEST**

Anyone may protest this Advice Letter to the California Public Utilities Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received by December 3, 2015, which is 20 days of the date this Advice Letter was filed with the Commission. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue  
San Francisco, CA 94102

Copies of the protest should also be sent via e-mail to the attention of the Energy Division at [EDTariffUnit@cpuc.ca.gov](mailto:EDTariffUnit@cpuc.ca.gov). A copy of the protest should also be sent via e-mail to the address shown below on the same date it is mailed or delivered to the Commission.

Attn: Megan Caulson  
Regulatory Tariff Manager  
8330 Century Park Court, Room CP31F  
San Diego, CA 92123-1548  
E-mail: [mcaulson@semprautilities.com](mailto:mcaulson@semprautilities.com)

**EFFECTIVE DATE**

SDG&E believes this filing is subject to Energy Division disposition and should be classified as Tier 2 (effective after staff approval) pursuant to GO 96-B. SDG&E respectfully requests that this filing be approved effective December 13, 2015, 30 days from the date filed.

**NOTICE**

A copy of this filing has been served on the utilities and interested parties shown on the attached list, including interested parties in I.12-10-013, by either providing them a copy electronically or by mailing them a copy hereof, properly stamped and addressed.

Address changes should be directed to SDG&E Tariffs by e-mail at [SDG&ETariffs@semprautilities.com](mailto:SDG&ETariffs@semprautilities.com).

Sincerely,

---

CLAY FABER  
Director – Regulatory Affairs

# CALIFORNIA PUBLIC UTILITIES COMMISSION

## ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SAN DIEGO GAS & ELECTRIC (U 902)**

Utility type:

ELC

GAS

PLC

HEAT

WATER

Contact Person: Aurora Carrillo

Phone #: (858) 654-1542

E-mail: acarrillo@semprautilities.com

### EXPLANATION OF UTILITY TYPE

ELC = Electric

GAS = Gas

PLC = Pipeline

HEAT = Heat

WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2819-E

Subject of AL:) Annual Non-Fuel Generation Balancing Account Update

Keywords (choose from CPUC listing): Balancing Accounts, NGBA

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL

N/A

Summarize differences between the AL and the prior withdrawn or rejected AL<sup>1</sup>: N/A

Does AL request confidential treatment? If so, provide explanation:

Resolution Required?  Yes  No

Tier Designation:  1  2  3

Requested effective date December 13, 2015

No. of tariff sheets: -0-

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): -(0.051) cents or -0.23%

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: N/A

Service affected and changes proposed<sup>1</sup>: N/A

Pending advice letters that revise the same tariff sheets: N/A

**Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:**

**CPUC, Energy Division**

**Attention: Tariff Unit**

**505 Van Ness Ave.,**

**San Francisco, CA 94102**

**mas@cpuc.ca.gov and EDTariffUnit@cpuc.ca.gov**

**San Diego Gas & Electric**

**Attention: Megan Caulson**

**8330 Century Park Ct, Room 31F**

**San Diego, CA 92123**

**mcaulson@semprautilities.com**

<sup>1</sup> Discuss in AL if more space is needed.

General Order No. 96-B  
ADVICE LETTER FILING MAILING LIST

cc: (w/enclosures)

Public Utilities Commission

DRA

S. Cauchois  
R. Pocta  
W. Scott

Energy Division

P. Clanon  
S. Gallagher  
D. Lafrenz  
Tariff Unit

CA. Energy Commission

F. DeLeon  
R. Tavares

Alcantar & Kahl LLP

K. Cameron

American Energy Institute

C. King

APS Energy Services

J. Schenk

BP Energy Company

J. Zaiontz

Barkovich & Yap, Inc.

B. Barkovich

Bartle Wells Associates

R. Schmidt

Braun & Blaising, P.C.

S. Blaising

California Energy Markets

S. O'Donnell  
C. Sweet

California Farm Bureau Federation

K. Mills

California Wind Energy

N. Rader

Children's Hospital & Health Center

T. Jacoby

City of Poway

R. Willcox

City of San Diego

L. Cosio Azar  
D. Weil

Commerce Energy Group

V. Gan

CP Kelco

A. Friedl

Davis Wright Tremaine, LLP

E. O'Neill  
J. Pau

Dept. of General Services

H. Nanjo  
M. Clark

Douglass & Liddell

D. Douglass  
D. Liddell  
G. Klatt

Duke Energy North America

M. Gillette

Dynegy, Inc.

J. Paul

Ellison Schneider & Harris LLP

E. Janssen

Energy Policy Initiatives Center (USD)

S. Anders

Energy Price Solutions

A. Scott

Energy Strategies, Inc.

K. Campbell  
M. Scanlan

Goodin, MacBride, Squeri, Ritchie & Day

B. Cragg  
J. Heather Patrick  
J. Squeri

Goodrich Aerostructures Group

M. Harrington

Hanna and Morton LLP

N. Pedersen

Itsa-North America

L. Belew

J.B.S. Energy

J. Nahigian

Luce, Forward, Hamilton & Scripps LLP

J. Leslie

Manatt, Phelps & Phillips LLP

D. Huard  
R. Keen

Matthew V. Brady & Associates

M. Brady

Modesto Irrigation District

C. Mayer

Morrison & Foerster LLP

P. Hanschen

MRW & Associates

D. Richardson

Pacific Gas & Electric Co.

J. Clark  
M. Huffman

S. Lawrie

E. Lucha

Pacific Utility Audit, Inc.

E. Kelly

San Diego Regional Energy Office

S. Freedman  
J. Porter

School Project for Utility Rate Reduction

M. Rochman

Shute, Mihaly & Weinberger LLP

O. Armi

Solar Turbines

F. Chiang

Sutherland Asbill & Brennan LLP

K. McCrea

Southern California Edison Co.

M. Alexander  
K. Cini  
K. Gansecki

H. Romero

TransCanada

R. Hunter  
D. White

TURN

M. Hawiger

UCAN

D. Kelly

U.S. Dept. of the Navy

K. Davoodi  
N. Furuta

L. DeLacruz

Utility Specialists, Southwest, Inc.

D. Koser

Western Manufactured Housing

Communities Association

S. Dey

White & Case LLP

L. Cottle

Interested Parties

I.12-10-013

**SAN DIEGO GAS & ELECTRIC COMPANY**

**Advice Letter 2819-E**

**ATTACHMENT A**

**2016 NGBA REVENUE REQUIREMENT**

In Thousands (\$000), Excluding Franchise Fees and Uncollectibles (FF&U)

	<b>Proposed 2016</b>		<b>Current Authorized AL 2670/2672-E 2015</b>		<b>Total Change</b>
SONGS					
Other Non-fuel O&M Revenue Requirement (SDG&E TY2012 GRC)	2,023	1\	2,023	9\	0
Reg Asset (BasePlant, M&S, CWIP)10-year amortization	37,363	2\	37,454	9\	(91)
Nuclear Fuel 10-year amortization	13,676	2\	12,684	9\	992
SONGS Total	<u>53,062</u>		<u>52,161</u>		<u>901</u>
SDG&E Generation					
SDG&E Generation - Miramar I, Miramar II, & Palomar	135,790	3\	135,790	10\	0
Desert Star Energy Center	70,581	3\	70,581	10\	0
Cuyamaca Peak Energy Plant (CPEP)	4,422	3\	4,422	10\	0
SDG&E Generation Total	<u>210,793</u>		<u>210,793</u>		<u>0</u>
Solar Energy Project (SEP) Revenue Requirement	142	4\	567	10\	(425)
<b>Authorized NGBA Revenue Requirement</b>	<b><u>263,997</u></b>		<b><u>263,521</u></b>		<b><u>476</u></b>
December 31 projected balances to be Included in rates					
NGBA	21,798	5\	20,196	9\	1,601
SONGSBA	(10,304)	6\	0	9\	(10,304)
Solar Energy Project Balancing Account (SEPBA)	(387)	7\	(295)	10\	(92)
<b>Amortization of NGBA Projected December 31 Balance</b>	<b><u>11,107</u></b>		<b><u>19,901</u></b>		<b><u>(8,794)</u></b>
<b>NGBA Revenue Requirement effective 1/1/2016 without FF&amp;U</b>	<b><u>275,103</u></b>	8\	<b><u>283,422</u></b>		<b><u>(8,319)</u></b>

**Footnotes:**

1\ Per Advice Letter 2672-E filed 11/26/2014 approved by the Commission with effective date of 1/1/2015. Absent a decision in A. 14-11-003 (SDG&E's current GRC application) the revenue requirement will remain the same for 2015 and 2016. Revenue requirement will be trued-up pending final GRC decision.

2\ Amortization of the SONGS regulatory assets based on D.14-11-040 approving the SONGS amended and restated settlement agreement.

3\ Per Advice Letter 2670-E filed 11/19/2014 and approved by the Commission with effective date of 1/1/2015. Absent a decision in A. 14-11-003 (SDG&E's current GRC application), the revenue requirement will remain the same for 2015 and 2016. Revenue requirement will be trued-up pending final GRC decision.

4\ Per Advice Letter 2210-E filed 12/1/2010 approved by the Commission with effective date of 4/11/2011, D.10-09-016 authorizes \$567k (\$189k \* 3) revenue requirement for five years ending April 2016. This revenue requirement represents one quarter of \$567k.

5\ NGBA 2015 year-end projected balance

6\ SONGSBA 2015 year-end projected balance. Under SDG&E's tariffs, the balance is transferred annually to the NGBA.

7\ SEPBA 2015 year-end projected balance. Under SDG&E's tariffs, the balance is transferred annually to the NGBA.

8\ Amount including FF&U is \$278,454. Franchise fee rate is 1.031% and uncollectible rate is 0.174% which computes to a 1.012 gross-up factor  $1/((1-0.01031)*(1-0.00174))$ .

9\ Advice Letter 2672-E filed 11/26/2014 approved by the Commission with effective date of 1/1/2015.

10\ Advice Letter 2670-E filed 11/19/2014 approved by the Commission with effective date of 1/1/2015.

SAN DIEGO GAS & ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 NGBA

Attachment B

SDG&E Advice Letter AL 2819-E

CLASS AVERAGE RATES

Rates Effective 11/1/2015  
AL 2791-E

2016 NGBA Revenue Requirement

	Current Total UDC Rate (¢/kWhr)	Current Avg. Commodity + DWR Credit (¢/kWhr)	Current Total Rate (¢/kWhr)	Total UDC Rate (¢/kWhr)	Avg. Commodity + DWR Credit (¢/kWhr)	Total Rate (¢/kWhr)	Total Rate Change (¢/kWhr)	Total Rate Change (%)
Residential <sup>1</sup>	12.531	11.188	23.719	12.531	11.136	23.667	(0.052)	-0.22%
Small Commercial	13.706	10.104	23.810	13.706	10.057	23.763	(0.047)	-0.20%
Med&Lg C&I	9.198	10.928	20.126	9.198	10.878	20.076	(0.050)	-0.25%
Agriculture	8.466	9.141	17.607	8.466	9.098	17.564	(0.043)	-0.24%
Lighting	12.432	7.294	19.726	12.432	7.260	19.692	(0.034)	-0.17%
System Total	10.878	10.889	21.767	10.878	10.838	21.716	(0.051)	-0.23%

CLASS AVERAGE RATES  
EXCLUDING CALIFORNIA CLIMATE CREDIT

	Current Total UDC Rate (¢/kWhr)	Current Avg. Commodity + DWR Credit (¢/kWhr)	Current Total Rate (¢/kWhr)	Total UDC Rate (¢/kWhr)	Avg. Commodity + DWR Credit (¢/kWhr)	Total Rate (¢/kWhr)	Total Rate Change (¢/kWhr)	Total Rate Change (%)
Residential <sup>2</sup>	13.316	11.188	24.504	13.316	11.136	24.452	(0.052)	-0.21%
System Total	11.167	10.889	22.056	11.167	10.838	22.005	(0.051)	-0.23%

DWR-BC rate is reflected in the Average UDC rate.

<sup>1</sup>UDC includes residential California Climate Credit which is received semi-annually

<sup>2</sup>UDC excludes residential California Climate Credit which is received semi-annually

## Attachment C

### SDG&E Advice Letter 2819-E

#### **PROCEDURE FOR DETERMINING ANNUAL SONGS SETTLEMENT REVENUE REQUIREMENTS PERTAINING TO NGBA**

Pursuant to the SONGS Settlement Agreement as approved by the Commission in D.14-11-040, the SONGS Settlement revenue requirement will be recovered over a ten-year period beginning on February 1, 2012. SDG&E expects the annual revenue requirement to change every year of the remaining recovery period, and anticipates that the actual annual revenue requirement will be different than the estimated revenue requirements provided in Advice Letter 2672-E filed November 26, 2014 and approved by the Commission on March 10, 2015 with effective date of January 1, 2015.

The Settlement Agreement allows the following items included in the annual SONGS Settlement revenue requirement, if necessary, to be updated in the annual NGBA Update filing, and therefore, SDG&E includes all such updates herein:

1. Sections 2.4, 2.5, 4.3(d), 4.5(a), and 4.8(a) allow for changes to the Commission Authorized Cost of Debt and Cost of Preferred Stock.

*There have been no changes to SDG&E's authorized cost of debt and cost of preferred stock.*

2. Section 4.3(j) requires SDG&E to recover actual property taxes paid with respect to Base Plant. SDG&E is required to true-up forecasted property taxes to actual taxes paid. Therefore, SDG&E will include a forecast of the property taxes in the annual SONGS Settlement revenue requirement, and quarterly each year, SDG&E will record a true-up of the prior year estimate in its NGBA.

*SDG&E recorded a reduction of \$0.6 million to the estimated 2016 revenue requirement of \$2.9 million to reflect that actual property taxes paid in 2015 were lower than the amounts estimated in the SONGS Settlement Agreement.*

3. Section 4.6(b) requires that the balance of the Nuclear Fuel Investment earn a return based on the cost of commercial paper. Section 4.6(b) allows for changes to the commercial paper rate, as reported in the Federal Reserve Statistical Release, H. 15. or its successor.

*SDG&E has updated its monthly, three-month, non-financial, commercial-paper rates utilized in the revenue requirement to reflect actual rates through September 2015 and the monthly US Economic Outlook<sup>1</sup> forecast for periods thereafter. Updates to forecast periods will be included within the 2017 NGBA revenue requirement.*

4. Section 4.7(b) requires SDG&E to reduce the Nuclear Fuel Investment upon sales of fuel inventory.

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<sup>1</sup> Published by IHS Economics Inc.

*SCE is responsible for the sale of fuel inventory. SCE has not sold any fuel inventory; thus, SDG&E has not adjusted its Nuclear Fuel Investment.*

5. Sections 4.5(d) and 4.8(b) addressing M&S Investment and Completed CWIP, respectively, provide that, to the extent SDG&E is able to obtain reimbursement of specified costs from the Nuclear Decommissioning Trust (“NDT”), SDG&E will not amortize such amounts in rates.

*On April 1, 2015, SDG&E submitted Tier 3 Advice Letter 2724-E, requesting Commission approval to withdraw up to \$54.6 million from SDG&E’s NDT for decommissioning costs incurred or recorded June 7, 2013 through December 31, 2013. SDG&E’s 2014 recorded decommissioning costs were not included in AL 2724-E.<sup>2</sup>*

*Commission Resolution E-4678 approved SDG&E’s (AL 2724-E) request. On August 25, 2015, SDG&E withdrew \$36.7 million from its NDT.<sup>3</sup> Of this amount, \$1.1 million reduced the Capital and M&S regulatory asset, and \$1.4 million<sup>4</sup> reduced the Nuclear Fuel regulatory asset, for a total credit to the regulatory asset of \$2.5 million. SDG&E will not amortize these amounts in rates.*

6. Sections 4.9(f), 4.9(g) and 4.9(i), which govern O&M and non-O&M for 2013 and 2014, provide that to the extent SDG&E is able to recover any portion of the recorded amounts through the NDT, SDG&E shall refund to ratepayers through a reduction of the ERRA balance.

*Of the August 25, 2015 NDT withdraw amount, \$33.8 million pertained to O&M and non-O&M expenses, and were recorded as a credit in SDG&E’s ERRA. SDG&E will not amortize these amounts in rates.*

7. Section 4.11(d)(iv)(A) requires that the regulatory assets for Base Plant, CWIP, M&S and Nuclear Fuel be reduced if and when SDG&E distributes \$71 million of any net SONGS Litigation proceeds recovered from Mitsubishi Heavy Industries (“MHI”) litigation through the NGBA. Net proceeds in excess of \$71 million will reduce the regulatory assets and be distributed via a credit through the NGBA. Should this occur, SDG&E will update the SONGS Settlement revenue requirement in the Annual NGBA Update Filing.

*SDG&E has not received proceeds in excess of \$71 million from MHI litigation.*

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<sup>2</sup> SDG&E filed Advice Letter 2806-E on October 23, 2015, requesting authorization for trust disbursement for its 2014 SONGS decommissioning costs. Disposition of AL 2806-E is pending.

<sup>3</sup> SDG&E did not withdraw the entire authorized \$54.6 million from its Unit 2&3 NDT because of the ongoing so-called industry-wide “Dominion” issue with the Internal Revenue Service (“IRS”), concerning costs associated with spent fuel management. Pending a favorable resolution of the Dominion issue, SDG&E will withdraw the balance of its authorized 2013 amount and any subsequent requests, to the extent allowable under Treasury regulations and guidance. At the time of this filing, it is unclear when the Dominion issue will be resolved.

<sup>4</sup> Nuclear Fuel cancellation costs were for the USEC and Westinghouse fuel contract terminations.

SDG&E proposed to update as necessary via a Tier 2 advice letter changes from assumptions made in estimating the SONGS revenue requirement for the following; and SDG&E has included any updates herein:

- A. Changes in Federal and State income tax rates;

*No changes.*

- B. Timing of tax benefits as deductions for the abandonment value of the SONGS plant for income tax purposes become fixed and determinable and a reasonable prospect of recovery from claims is resolved by settlement or judicial action;

*No changes to date. Litigation against MHI is still pending.*

- C. Tax benefits, if any, for any tax loss carrybacks of qualified decommissioning costs to prior periods pursuant to Internal Revenue Code Section 172(f).

*SDG&E will not be able to evaluate its 2015 taxable income situation until year-end financial information is available.*



## SONGS REVENUE REQUIREMENT AND BALANCES FOR RECOVERY

Table 1 below identifies the revenue requirements in place for 2012 through 2015 and the new, forecast, 2016 revenue requirement, in addition to identifying the balances being recovered under the settlement for Base Plant, CWIP, and M&S, as well as Nuclear Fuel.

**Table 1: Annual SONGS Settlement Revenue Requirement Excluding FF&U<sup>E</sup>**  
*All figures shown as 1,000 USD.*

	2012 <sup>A,B</sup>	2013 <sup>B</sup>	2014 <sup>B</sup>	2015	2016 <sup>D</sup>
<b>1. Capital Revenue Requirement<sup>C</sup></b>					
<b>(A) Replacement Steam Generator ("RSG")<sup>F</sup></b>	29,598	29,695	(59,293)	0	0
<b>(B) Base Plant, CWIP, and M&amp;S</b>	47,483	51,507	(4,759)	32,613	32,379
<b>2. Nuclear Fuel Revenue Requirement<sup>C</sup></b>	183	143	33,187	12,684	13,676
<b>3. Property Tax Revenue Requirement</b>	3,831	4,384	2,296	2,194	2,349
<b>4. Income Tax Revenue Requirement</b>	12,185	10,957	(15,169)	2,647	2,635
<b>6. Total</b>	<b>93,280</b>	<b>96,686</b>	<b>(43,738)</b>	<b>50,138</b>	<b>51,039</b>
<b>Asset Balances Recovered Under Settlement<sup>G</sup></b>					
<b>7. Base Plant, CWIP, and M&amp;S</b>					
<b>(A) Beginning Balance</b>	279,904	255,141	226,200	201,757	173,380
<b>(B) Depreciation Revenue Requirement</b>	(24,763)	(28,941)	(24,443) <sup>B</sup>	(28,377)	(28,799) <sup>H</sup>
<b>(D) Ending Balance</b>	255,141	226,200	201,757	173,380	144,581
<b>8. Nuclear Fuel</b>					
<b>(A) Beginning Balance</b>	120,717	120,717	120,717	87,586	75,110
<b>(B) Amortization Revenue Requirement</b>	0	0	(33,131) <sup>B</sup>	(12,476)	(12,337) <sup>H</sup>
<b>(D) Ending Balance</b>	120,717	120,717	87,586	75,110	62,773
<b>9. Net Ending Balance for Recovery</b>	<b>375,858</b>	<b>346,917</b>	<b>289,343</b>	<b>248,490</b>	<b>207,354</b>

**A** Represents the period from February 1, 2012, through December 31, 2012

**B** 2012 and 2013 figures shown at originally-authorized values for Capital and Nuclear Fuel, with true-up correction to Settlement shown in 2014.

**C** Figures shown inclusive of amortization/depreciation and return/carrying-cost, unless otherwise notated.

**D** Includes prior-period true-ups, such as the reduction of the Property Tax Revenue Requirement estimate to actual.

**E** Figures related to the SONGS Regulatory Asset shown as of the period ended September 30, 2015.

**F** RSG shown inclusive of Property Tax, Income Tax, and FF&U, to highlight the complete refund of all related revenues received since February 1, 2012.

**G** Figures represent the net depreciation and amortization recovered under the settlement, excluding RSG recoveries and subsequent refunds. This differs from the SONGS Regulatory Asset balance, which is calculated per GAAP as the net-present-value of estimated future cash flows discounted at the incremental borrowing rate.

**H** In August 2015, \$1.1 million and \$1.4 million (\$2.5 million total), were reimbursed from the NDTs for Base Plant (including CWIP and M&S) and Nuclear Fuel. This amount directly reduced the asset balance being recovered from August 2015 through January 2022 (66 months), in addition to causing a reduction to revenues required for return/carrying-cost, income tax, and FF&U. For 2016, the approximate decrease to the depreciation revenue requirement was \$0.3 million  $\{(5 \text{ months of } 2015 + 12 \text{ months of } 2016) * [\$1.1 \text{ million} \div (66 \text{ months})]\}$  for Base Plant and \$0.4 million  $\{(5 \text{ months of } 2015 + 12 \text{ months of } 2016) * [\$1.4 \text{ million} \div (66 \text{ months})]\}$  for Nuclear Fuel.

As calculated from Table 1, \$152 million,<sup>5</sup> or 38%, of the 2012 beginning balances for SONGS Base Plant, CWIP, M&S, and Nuclear Fuel allowed under the settlement will be recovered by year-end 2015. This will increase to 48% through the forecast 2016 rates, inclusive of the applicable portion of the \$2.5 million NDT reimbursement previously described that is being amortized from August 2015 through January 2022.

Consistent with D.14-11-040, SDG&E will include the SONGS Settlement revenue requirement in rates on January 1, 2016. Pursuant to the SONGS Settlement, the 2016 revenue requirement is estimated to be \$51.0 million, exclusive of FF&U, and inclusive of estimated amortization and depreciation, property taxes, income taxes, and settlement-authorized return.<sup>6</sup> SDG&E will consolidate this revenue requirement along with other Commission-authorized revenue requirements in rates on January 1, 2016.

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<sup>5</sup> Calculated as the sum from 2012 through 2015 of the Base Plant, CWIP, and M&S Depreciation Revenue Requirement, and Nuclear Fuel Amortization Revenue Requirement.

<sup>6</sup> For Nuclear Fuel, such return represents the carrying cost at the specified non-financial, commercial-paper, rate.

# **Appendix K**

## **Consolidated Filing to Implement January 1, 2016 Electric Rates**

**AL 2840**

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298



January 27, 2016

**Advice Letter 2840-E**

San Diego Gas & Electric  
Attention: Megan Caulson  
Regulatory Tariff Manager  
8330 Century Park Court, Room 32C  
San Diego, CA 92123-1548

**SUBJECT: CONSOLIDATED FILING TO IMPLEMENT JANUARY 1, 2016  
ELECTRIC RATES**

Dear Ms. Caulson:

Advice Letter 2840-E is effective as of January 1, 2016.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph  
Director, Energy Division



Clay Faber - Director  
Federal & CA Regulatory  
8330 Century Park Court  
San Diego, CA 92123-1548  
CFaber@semprautilities.com

December 29, 2015

**ADVICE LETTER 2840-E**  
(U 902-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

**SUBJECT: CONSOLIDATED FILING TO IMPLEMENT JANUARY 1, 2016 ELECTRIC RATES**

San Diego Gas & Electric Company (SDG&E) hereby submits the following revisions applicable to its electric tariffs, as shown on Attachment D.

### **PURPOSE**

The purpose of this filing is to consolidate the electric rate adjustments authorized by the California Public Utilities Commission (Commission or CPUC) and filed at the Federal Energy Regulatory Commission (FERC) through advice letters or decisions for an effective date of January 1, 2016. Incorporated into this consolidated filing and rate schedule is the impact from each advice letter filing and decision.

### **DISCUSSION**

#### **Annual Regulatory Account Update**

In accordance with Advice Letter (AL) 2807-E filed on October 30, 2015<sup>1</sup>, SDG&E is amortizing the projected December 31, 2015 balances of certain accounts to be collected in electric rates over 12 months effective January 1, 2016. The General Rate Case Memorandum Account (GRCMA) is one of the accounts included in AL 2807-E. SDG&E received approval to transfer the actual year-end 2015 residual balance to the Electric Distribution Fixed Cost Account (EDFCA) for the distribution component and the Non-Fuel Generation Balancing Account (NGBA) for the generation component and eliminate the GRCMA<sup>2</sup>. The GRCMA net impact is a \$117.6 million decrease to distribution rates and a \$24.9 million decrease to generation rates. The total net impact of the balances to be amortized is a \$166.6 million decrease to total electric revenues effective January 1, 2016. Updates to the Rewards & Penalties Balancing Account (RPBA) balance resulting from the Energy Efficiency Savings Performance Incentives are addressed in a separate section below.

#### **Public Purpose Programs Update**

SDG&E's electric Public Purpose Programs (PPP) rates consist of low-income and non-low-income PPP cost components. The low-income cost component reflects the Energy Savings Assistance (ESA) (formerly referred to as Low-Income Energy Efficiency (LIEE)) and California Alternate Rates for Energy (CARE) programs. The non-low-income cost component reflects the Electric Procurement Energy Efficiency (EPEE) and the Electric Program Investment Charge (EPIC) programs.

In accordance with AL 2795-E<sup>3</sup> filed on October 1, 2015, SDG&E is updating funding and amortizations related to PPP for 2016, resulting in a net increase of PPP revenues by \$4.1 million. At the time of the filing, SDG&E was still waiting on a decision in the Application of San Diego Gas & Electric Company For Approval of Low-Income Assistance Programs and Budgets For Program Years 2015-2017 (Application

<sup>1</sup> Approved by the Energy Division on November 23, 2015.

<sup>2</sup> AL 2664-E approved by the Energy Division on December 12, 2014

<sup>3</sup> Approved by the Energy Division on December 21, 2015.

(A.) 14-11-009) that addresses the low-income revenue requirements. As such, SDG&E kept the revenue requirements for the low-income programs constant at 2015 levels. This consisted of 2015 ESA program funding of \$12.4 million for electric, 2015 CARE administrative budget of \$5.5 million, of which \$4.4 million is allocated to electric, as well as updated 2014 CARE Electric Administrative costs of \$70,400, pursuant to Decision (D.) 14-08-030. AL 2795-E also reflected the updates to the discounts associated with the CARE and Family Electric Rate Assistance (FERA) programs, pursuant to D.15-07-001, which are also recovered through the PPP rate.<sup>4</sup>

On December 17, 2015, Interim D.15-12-024 was approved authorizing a 2016 Bridge Funding CARE Administrative Budget of \$5.5 million, with \$4.4 million being allocated to electric, which has been reflected in this filing. The ESA program funding for 2016 remains constant at \$12.4 million for electric. Pursuant to OP 6 and OP 7 of D.15-12-024, any under-/over-collection that results from authorized program spending level increases or decreases as a result of a final decision shall be addressed in the annual PPP update filing for inclusion in 2017 rates.

### **Non-Fuel Generation Balancing Account (NGBA) Update**

In accordance with AL 2819-E<sup>5</sup>, filed on November 13, 2015, SDG&E is updating certain revenue requirements related to its Generation Plants<sup>6</sup>, San Onofre Nuclear Generating Station (SONGS) and Solar Energy Project (SEP) as well as balancing account amortizations for NGBA, SONGS O&M Balancing Account (SONGSBA) and SEP Balancing Account (SEPBA). The net impact of the NGBA revenue requirement and amortizations included in the filing is a decrease of \$8.3 million.

### **Department of Water Resources (DWR) Bond and Power Charge**

Beginning 2014, pursuant to OP 5 of D.13-12-004, SDG&E's implementation of the DWR power charge revenue requirement and DWR bond charge is through its Annual Consolidated Filing rather than through a separate AL filing.

Decision 15-12-003 provides for an updated 2016 DWR power charge credit of \$4 million (OP 1.a.iii) and DWR bond charge (OP 1.b) of \$0.00539 per kWh. Per OP 4, the methodology authorized in D.12-11-040 is adopted for 2016 to return the net negative revenue requirement to customers resulting in a DWR customer return credit rate of (\$0.00021) per kWh as shown in Attachment C. Attachment C provides details on SDG&E's \$4 million allocation for the return of DWR's excess cash. The 2016 DWR power charge revenue requirement is increasing by \$38 million, from negative \$42 million to negative \$4 million. The 2016 DWR bond charge rate is increasing from \$0.00526 per kWh to \$0.00539 per kWh. These rates will be effective January 1, 2016.

### **2016 Energy Resource Recovery Account (ERRA) / Greenhouse Gas (GHG) Forecast Filing**

Pursuant to OP 6 of D.15-12-032, approved by the Commission on December 17, 2015, SDG&E is including tariff sheets and supporting documentation to implement its 2016 ERRA/GHG Forecast Filing (A.15-04-014) in this Tier 1 advice letter. Specifically, OP 6 requires that within 30 days of the effective date of the decision that SDG&E shall submit the necessary Advice Letters with the Energy Division under Tier 1 to implement the authority and rate changes authorized by this decision. The Advice Letter shall include changed tariff sheets and supporting documentation for:

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<sup>4</sup> D.15-12-024 approved the 2016 CARE administrative budget. SDG&E's 2016 CARE discount funding amount is from AL 2795-E, approved by the Energy Division on December 21, 2015. SDG&E discussed, in its December 3, 2015 opening comments to the proposed decision in A.14-11-009, that this decision (D.15-12-024) approves the CARE administrative budget but not the funding for the CARE discount which is handled in the PPP proceeding, as presented in AL 2795-E.

<sup>5</sup> Approved by the Energy Division on December 8, 2015.

<sup>6</sup> SDG&E's Generation Plants include the Miramar Energy Facilities I & II, Palomar Energy Center Facility, Desert Star Energy Center, Cuyamaca Peak Energy Center and the utility-owned generation portion of SDG&E's Solar Energy Photovoltaic Program.

- a) Residential rate schedules (including master-metered rate schedules) to include the authorized 2016 Climate Credit Amount;
- b) Small business rate schedules to include the volumetric dollars per kilowatt hour GHG rate offset for small business customers; and
- c) The amounts approved in OP 1. (identified below)

#### OP 1

“San Diego Gas & Electric Company’s 2016 request for the following ratesetting inputs are adopted as follows: 1) an Energy Resource Recovery Account forecast revenue requirement of an estimated \$1,308.712 million; 2) Ongoing Competition Transition Charge forecast revenue requirement of \$24.466 million; 3) 2016 Local Generation Charge of \$7.160 million; and 4) San Onofre Nuclear Generating Station Unit 1 Offsite Spent Fuel Storage Cost revenue requirement of \$1.077 million.”

In accordance with OP 1, SDG&E is implementing the Commission adopted revenue requirements resulting in a \$21 million net increase to revenue requirements which are summarized below.

### **ERRA, Competition Transition Charge (CTC), Local Generation (LG), San Onofre Nuclear Generating Station (SONGS), and GHG Revenue Requirements (\$ Millions)**

Line	Description	Currently Effective Revenue Requirement in Rates <sup>1,2</sup>	2016 Revenue Requirement	Change from Currently Effective Revenue Requirement in Rates
1	ERRA <sup>3</sup>	\$ 1,363	\$ 1,309	\$ (54)
2	CTC	\$ 16	\$ 24	\$ 8
3	LG	\$ 7	\$ 7	\$ 0
4	SONGS Unit 1 Spent Fuel	\$ 1	\$ 1	\$ (0)
5	GHG Allowance Revenue Available for Return <sup>4,5</sup>	\$ (57)	\$ (4)	\$ 54
6	GHG California Climate Credit (CCC)	\$ (59)	\$ (46)	\$ 13
7	<b>Total<sup>5</sup></b>	<b>\$ 1,271</b>	<b>\$ 1,292</b>	<b>\$ 21</b>

<sup>1</sup> Effective 11/1/15 per Advice Letter (“AL”) 2791-E.

<sup>2</sup> The GHG Costs, GHG allowance revenue returns and GHG CCC include 50% of the forecast revenue requirements from 2013 and 100% of the forecasted revenue requirements from 2015. Additionally, the 2015 authorized revenue requirements were amortized over an eight-month period.

<sup>3</sup> Includes GHG costs.

<sup>4</sup> EITE allowance revenue return is not included in rates.

<sup>5</sup> Sums may not equal due to rounding.

The CPUC has historically approved SDG&E’s request for recovery of Nuclear Decommissioning SONGS Unit 1 Offsite Spent Fuel Storage Costs in SDG&E’s General Rate Case (GRC)<sup>7</sup>; however, D.15-12-032

<sup>7</sup> Revised Direct Testimony of Michael DeMarco in Application A.14-11-003. Ex. SDG&E-12-R at 5, lines 11-13.

authorized SDG&E to recover these costs within its ERRA Forecast filings, to mirror how SCE approaches these same costs. SDG&E requested the 2016 forecast of \$1.1 million in its 2016 GRC Phase 1 Application (A.14-11-003), however, because these costs were authorized in D.15-12-032, SDG&E will adjust the revenue requirement reached in the final decision for A.14-11-003 as it pertains to this SONGS Unit 1 Offsite Spent Fuel Storage Costs accordingly at the time of implementation so as to not show a double collection of these costs.

Pursuant to OP 6, included as Attachment D to this advice letter are 1) the residential rate schedules which include the adopted residential California Climate Credit (CCC), 2) the small business rate schedules which include the adopted volumetric dollars per kilowatt hour GHG rate offsets for small business customers and 3) Schedule GHG-ARR which summarizes the adopted GHG allowance revenue return rates. The net impact of the changes authorized in D.15-12-032 is an increase of \$21.0 million.

### **Removal of Residential GHG Volumetric Rate Offset in Compliance with D.15-07-001**

In accordance with AL 2827-E filed, on December 16, 2015, SDG&E is removing the GHG rate offset from residential volumetric rates. The removal of the volumetric credits results in a larger residential CCC; thus residential customers will still receive the same total amount of allowance revenues. D.15-07-001 provided a glidepath for the differentials for residential tiered rates<sup>8</sup> and as such the removal of the volumetric GHG rate offsets will result in an increase to all residential energy rates (cents/kWh), i.e., both lower tier and upper tier rates, and result in a compensating increase to the CCC. The removal of the volumetric GHG rate offset will be implemented in rates effective January 1, 2016 and the first semi-annual CCC is scheduled to take place on April 1, 2016.

In AL 2827-E, SDG&E presented the then-current effective residential CCC and small business volumetric GHG rate offsets. Pursuant to D.15-12-032 approving SDG&E's 2016 ERRA/GHG Forecast application (A.15-04-014), SDG&E is updating the GHG rate offsets to the authorized 2016 values for rates effective January 1, 2016. The table below presents the authorized 2016 GHG rate offsets compared to the values identified in AL 2827-E.

<b>Description</b>	<b>AL 2827-E</b>	<b>Proposed</b>
	<b>\$/kWh</b>	<b>\$/kWh</b>
Return Residential Non-CARE Tiers 3 and 4	0.00000	0.00000
Return Residential TOU	0.00000	0.00000
Return Small Business		
Small Commercial	(0.00597)	(0.00199)
Medium/Large Commercial & Industrial	(0.00569)	(0.00179)
Agricultural	(0.00550)	(0.00188)
	<b>Semi Annual (\$)</b>	<b>Semi Annual (\$)</b>
Semi-Annual Residential California Climate Credit	(43.17)	(17.44)

These resulting changes to residential rates are included in the electric tariffs included on Attachment D.

### **ERRA Trigger Mechanism**

The ERRA was established by the CPUC to record the utility's fuel and purchased power revenues against recorded costs, excluding costs and revenues related to DWR. D.14-02-022 authorized SDG&E to increase rates to collect a projected undercollection of \$220.6 million over a 21-month period, equivalent to \$126.0 million annually, beginning April 1, 2014. Beginning January 1, 2016, this balance will roll-off, resulting in a \$126.0 million decrease to rates.

<sup>8</sup> RROIR Implementation AL 2783-E and D.15-07-001, Section 11.2.4.2 – Consolidation of Tiers (SDG&E, p. 293 and Conclusions of Law 12.



### **Federal Energy Regulatory Commission (FERC) Jurisdictional Rates**

SDG&E filed its third annual Informational Filing under its Fourth Transmission Owner Formula (TO4 Cycle 3) ratemaking mechanism for updates to its Base Transmission Revenue Requirements (BTRR) at the FERC on December 1, 2015, to become effective January 1, 2016. In addition, each year on January 1st, SDG&E updates its Reliability Services (RS), Transmission Access Charge Balancing Account Adjustment (TACBAA), Transmission Revenue Balancing Account Adjustment (TRBAA) costs.

In Docket No. ER16-445-000, SDG&E's 2016 BTRR<sup>9</sup> rates reflect a decrease of approximately \$29.5 million<sup>10</sup>, from \$745.8 to \$716.4 million for the 12-month Rate Effective Period beginning January 1, 2016 and ending December 31, 2016.

In Docket No. ER16-546-000, SDG&E's 2016 RS<sup>11</sup> rates reflect a decrease to RS revenue requirements of approximately \$2.4 million<sup>12</sup>, from \$4.8 million to \$2.5 million, as compared to revenue requirements under 2015 current rates.

In Docket No. ER16-550-000, the 2016 TACBAA<sup>13</sup> cost of service is updated for an approximate \$98.6<sup>14</sup> million increase in expected California Independent System Operator (ISO) costs and credits, from (\$270.4) million to (\$171.8) million, as compared to the current 2015 TACBAA cost of service.

In Docket No. ER16-550-000, SDG&E's 2016 TRBAA<sup>15</sup> rate is revised for an approximate \$4.0 million<sup>16</sup> decrease, from (\$12.0) million to (\$16.0) million, as compared to the current 2015 TRBAA rates.

### **Total Rate Adjustment Component (TRAC)**

The Rate Design Settlement Component Account (RDSCA) records the credits and revenues attributed to the TRAC, formerly known as 2006 Rate Design Settlement Component, reflected in rates adopted by the Commission in D.05-12-003 for the recovery of cross-subsidies associated with the residential tiered rate structure pursuant to D.14-06-029. The RDSCA projected 2015 year-end balance is an undercollection of \$127.5 million.

Previously with D.14-01-002, the implementation of the modification to the allocation of CARE rate subsidies resulted in a reduction to the TRAC balance and an increase to PPP rates for all customers through an increase to the CARE surcharge to maintain the exemption for CARE customers. Currently, pursuant to D.15-07-001 and in accordance with AL 2783-E, the CARE rate subsidies moved to the CARE line-item discount with the higher CARE line-item discount recovered directly through PPP rates.

The undercollected RDSCA balance of \$127.5 million will be amortized over 12 months to residential customers effective January 1, 2016. The TRAC balance of \$127.5 million is an increase of \$53.5 million from the current TRAC balance included in rates of \$74.0 million.

### **Critical Peak Pricing Default (CPP-D) Under-/Over-Collection**

In accordance with AL 2069-E and D.08-02-034, SDG&E is authorized to include CPP-D commodity under-/over-collections resulting from Schedule EECC-CPP-D rates in its January 1<sup>st</sup> Consolidated Electric filing. With the implementation of Schedule EECC-CPP-D-AG pursuant to D.14-01-002<sup>17</sup>, under-

<sup>9</sup> 2016 BTRR rates were filed with FERC on December 1, 2015 to become effective on January 1, 2016.

<sup>10</sup> Includes Franchise Fees & Uncollectibles (FF&U).

<sup>11</sup> 2016 RS rates were filed with FERC on December 17, 2015 to become effective on January 1, 2016.

<sup>12</sup> Includes FF&U.

<sup>13</sup> 2016 TACBAA rates were filed with FERC on December 17, 2015 to become effective on January 1, 2016.

<sup>14</sup> Includes FF&U.

<sup>15</sup> 2016 TRBAA rates were filed with FERC on December 17, 2015 to become effective on January 1, 2016.

<sup>16</sup> Includes FF&U.

<sup>17</sup> Schedule EECC-CPP-D-AG was adopted as the CPP-D rate for agricultural customers pursuant to D.14-01-002 and implemented in AL 2595-E effective May 1, 2014.

/over-collections associated with Schedule EECC-CPP-D-AG are now included as well. During 2015, there were fewer CPP Events and lower Capacity Reservations than were built into the development of CPP-D rates. The rates for EECC-CPP-D and EECC-CPP-D-AG were based on an assumption that nine CPP Event Days would be called. In addition, the rate was based on the assumption that all CPP-D customers would specify a Capacity Reservation of 50% of the customer's maximum on-peak summer demand. During the previous twelve-month period of October 2014 through September 2015, five CPP Event Days were called and customers designated Capacity Reservations lower than 50% of maximum on-peak summer demand, resulting in a commodity undercollection of \$5.7 million associated with Schedule EECC-CPP-D for the medium/large commercial and Industrial (C&I) customer class and commodity overcollection of \$5,563 associated with Schedule EECC-CPP-D-AG for the agricultural customer class. SDG&E is currently amortizing a CPP-D commodity undercollection of \$12.9 million for the medium/large C&I customer class and a CPP-D-AG commodity undercollection of \$138,756 for the agricultural customer class. The change in the amortization amounts results in a net decrease of approximately \$7.2 million to electric commodity rates for the medium/large C&I customer class and a net decrease of \$144,319 for the agricultural customer class effective January 1, 2016.

### **Distributed Generation Renewable (DG-R) – Time Metered Under- /Over-Collection**

In accordance with AL 2209-E and D.08-02-034, SDG&E is authorized to include distribution and commodity under-/over-collections resulting from DG-R rates. From September 2014 through August 2015, the design of the DG-R rates compared to the DG-R customer's otherwise applicable rate resulted in distribution and commodity revenue undercollections of \$3.6 million and \$0.3 million, respectively, for a net undercollection of \$3.9 million to be amortized into rates for the medium/large C&I customer class. SDG&E is currently amortizing DG-R distribution and commodity revenue undercollections of \$2.3 million and \$0.1 million, respectively. The change in the amortization amounts result in an overall net increase of approximately \$1.3 million to distribution rates and approximately \$0.2 million to commodity rates for the medium/large C&I customer class effective January 1, 2016.

### **Smart Pricing Program (SPP) Under- /Over- Collection**

Pursuant to D.12-12-004, SDG&E implemented the SPP rates, a limited set of time-varying electric rates to be offered to residential, small commercial, and small agricultural customer classes of SDG&E. The dynamic pricing SPP rates were based on an assumption that nine SPP event days would be called in a calendar year. Due to only three SPP events being called during this initial analysis period of July 1, 2014 through August 31, 2015, lower than expected commodity revenues were collected from the SPP dynamic pricing rates. In accordance with AL 2816-E, a commodity undercollection of approximately \$0.03 million for the residential customer class and \$0.4 for the small commercial customer class will be included in electric commodity rates effective January 1, 2016.

### **Peak Time Rebate (PTR) Incentive Payment Costs**

The PTR program provides, when conditions warrant, incentives for customers providing demand response. In accordance with AL 2420-E-A, and D.08-02-034, SDG&E is authorized to implement the recovery of residential PTR incentive payments in its January 1<sup>st</sup> Consolidated Electric filing. During 2015, SDG&E called four PTR events, which resulted in PTR incentive payments billed through November 2015 of approximately \$0.3 million to be amortized in rates in 2016. SDG&E is currently amortizing approximately \$1.5 million in PTR incentive payments issued in 2014. The change in the amortization amount results in a net decrease of approximately \$1.3 million to electric commodity rates for the residential customer class effective January 1, 2016.

### **Self-Generation Incentive Program (SGIP)**

The CPUC's SGIP provides incentives to support existing, new, and emerging distributed energy resources. On June 20, 2014, the Governor signed Senate Bill (SB) 861, which among other things, extended the Commission's ability to authorize the Investor Owned Utilities' (IOUs), identified as Pacific Gas and Electric Company (PG&E), Southern California Edison Company (SCE), SDG&E, and Southern California Gas Company (SoCalGas) SGIP through January 1, 2021 and to collect from ratepayers an annual budget, not to exceed the 2008 budget, through December 31, 2019. D.14-12-033, directed the

IOUs to collect \$83 million annually from ratepayers in 2015, 2016, 2017, 2018, and 2019 to support SGIP, consistent with the current allocation methodology. SDG&E's allocation of \$11 million, with the electric portion of \$10.0 million, remains unchanged in 2016. This will continue to be collected in electric distribution rates effective January 1, 2016.

### **California Solar Initiative (CSI)**

The CSI is overseen by the CPUC and provides upfront incentives for solar systems installed on existing residential homes, as well as existing and new commercial, industrial, government, non-profit, and agricultural properties within the service territories of the California IOUs. Pursuant to D.15-01-027<sup>18</sup>, the CSI revenue requirement for 2016 is \$35.0 million, which results in an increase of \$3.6 million from the current 2015 authorized revenue requirement.

### **Smart Pricing Program (SPP)**

Pursuant to OP 13 of D.12-12-004 and in accordance with AL 2447-E, SDG&E is authorized to recover costs, not to exceed \$92.7 million, for the implementation of dynamic pricing structures and associated activities adopted in this decision through 2015. Accordingly, SDG&E's 2015 SPP revenue requirement will roll-off resulting, in a decrease of \$48.8 million to SDG&E's electric generation revenue requirement effective January 1, 2016.

### **Energy Efficiency Savings Performance Incentives (ESPI) Award**

Pursuant to Resolution G-3510, dated December 3, 2015, SDG&E is authorized to record an ESPI Award for program year 2014 of \$3.7 million<sup>19</sup>. Electric is allocated \$3.4 million (90%) and gas \$0.4 million (10%). SDG&E is also authorized to record an ESPI Award for program year 2013 of \$2.8 million<sup>20</sup>. Electric is allocated \$2.5 million (90%) and gas \$0.3 million (10%). Accordingly, for 2016, SDG&E's electric award revenue requirement totals \$5.9 million, which results in an increase of \$5.9 million for recovery of the electric share of the awarded incentive payment in rates effective January 1, 2016.

### **SDG&E 2012 General Rate Case (GRC) Attrition Year 2016**

Due to the delay in the expected implementation of SDG&E's 2016 GRC (A.14-11-003), there is no attrition applied to the 2015 base rates for 2016.

### **Residential Rate Reform Order Instituting Rulemaking (RROIR) D.15-07-001**

In accordance with D.15-07-001, residential tiered rates require the following rate design rules when revenue requirement changes are implemented:

- Revenue Requirement Increases: When revenue requirements are increased, all tiers except for Tier 1 rates are allowed to move on an equal percentage basis. Tier 1 increases will be capped at the increase in the residential class average rate (RAR) plus 5% relative to rates for the prior 12 months.
- Revenue Requirement Decreases: When revenue requirements are decreased, all tiers are allowed to move on an equal percentage basis.<sup>21</sup>

Since there is a revenue requirement decrease with this filing, all tiers are allowed to move on an equal percentage basis and no Tier 1 rate cap takes effect.

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<sup>18</sup> AL 2792-E, dated September 25, 2015, modifies SDG&E's CSI Balancing Account (CSIBA) Preliminary Statement referencing D.15-01-027. It authorizes additional funding for the continuation of the Single Family Affordable Solar Homes (SASH) and Multifamily Affordable Solar Housing (MASH) programs through 2021. The CSIBA, Section 4.a. provides the Authorized Annual Funding Levels for the CSI Program from 2006 through 2021. AL 2792-E was approved by the Energy Division on November 5, 2015.

<sup>19</sup> Total may not sum due to rounding.

<sup>20</sup> Total may not sum due to rounding.

<sup>21</sup> D.15-07-001, at p. 294.

Attachment B presents a comparison of tiered rates with historic tiered rates. The current tier differentials still reflect what has been identified as the 2015 differentials in the glidepath. The 2016 tier differentials will not be effective until March-May 2016.

### **Update of Utility Reimbursement Account Fees in Compliance with Resolution M-4828**

In accordance with Resolution M-4828, the Utility Reimbursement Account Fees increased from \$0.024 to \$0.033 cents/kWh for electric service effective January 1, 2016. SDG&E filed a Tier 1 Advice Letter (2829-E) on December 8, 2015 submitting revisions to Schedule E-PUC.

### **Update of E-LI Commodity Rates**

SDG&E filed AL 2837-E on December 29, 2015 to adjust commodity rates for non-residential CARE customers (i.e., adjust E-LI commodity rates) to provide a CARE average effective discount of 35% by customer class for these customers, in compliance with Assembly Bill 327. The table below presents the E-LI commodity rates by customer class, commodity rates that are identified in the Schedule EECC, Electric Energy Commodity Cost tariff, as shown in Attachment D.

	<b><u>Current E-LI Commodity Rate</u></b>	<b><u>1/1/2016 E-LI Commodity Rate</u></b>	<b><u>Change</u></b>	<b><u>% Change</u></b>
<b>Small Commercial</b>				
<b>Summer</b>	\$0.11983	\$0.07005	(\$0.04978)	-41.5%
<b>Winter</b>	\$0.08527	\$0.04954	(\$0.03573)	-41.9%
<b>Medium/Large C&amp;I</b>				
<b>Summer</b>	\$0.11983	\$0.06888	(\$0.05095)	-42.5%
<b>Winter</b>	\$0.08527	\$0.04871	(\$0.03656)	-42.9%

### **SONGS Settlement Advice Letter 2676-E**

On November 26, 2014, SDG&E filed AL 2676-E to revise Power Charge Indifference Adjustment (PCIA) rates pursuant to OP 3.e of D.14-11-040 which approved the San Onofre Nuclear Generating Station (SONGS) Amended and Restated Settlement Agreement (“SONGS Settlement”). Specifically, this directive addressed SDG&E’s implementation of the Direct Access (“DA”) Customer Ratemaking Consensus Protocol for SONGS Outages and Retirement (“Consensus Protocol”) approved in D.14-05-022. Pursuant to section 4.10 of the SONGS Settlement and in compliance with D.14-11-040, SDG&E is authorized to recover “net SONGS costs,” which are a ratemaking surcharge from previous periods. The “net SONGS costs” were therefore included in the PCIA rates presented in AL 2676-E. On December 16, 2014, the Alliance for Retail Energy Markets / Direct Access Customer Coalition (AReM / DACC) protested the advice letter with the position that “the net SONGS costs conceptually represent replacement power costs, which are short-term in nature and thus not to be included in PCIA”. On December 23, 2014, the Energy Division suspended AL 2676-E stating that a Commission Resolution may be required to dispose of the advice letter.

On December 23, 2015, the Energy Division approved SDG&E’s AL 2676-E to incorporate the tariff changes related to SONGS in rates effective January 1, 2016. In AL 2676-E, SDG&E identified \$121.9 million in “net SONGS costs” and a net refund amount of \$152.3 million that should be included in PCIA rates. However, since AL 2676-E was suspended, SDG&E did not include these amounts in the PCIA rates for 2015 and tracked the difference between the amounts implemented in rates<sup>22</sup> and the final amounts authorized in AL 2676-E. SDG&E updated the 2016 PCIA rates to account for the adjustment

<sup>22</sup> PCIA rates effective January 1, 2015 per AL 2685-E. PCIA rates effective February 1 – December 31, 2015 per AL 2695-E.

that occurred due to the delay in implementation. The net adjustment to the 2016 PCIA associated with AL 2676-E is a credit of (\$42.0) million (without FF&U).

## **SUMMARY**

This Advice Letter implements the above-described changes in SDG&E's electric rates commencing January 1, 2016, which are summarized in the following table. SDG&E's total system average electric rates will decrease by approximately (1.401) cents/kWh or -6.44%. Included as Attachment A to this filing is a table summarizing the rate impacts by customer class.

### **Summary of January 1, 2016 Revenue Impacts**

Revenue Impact Description	Revenue Requirement Increase/(Decrease) (\$000)
<b>Annual Updates:</b>	
Annual Regulatory Account Update including GRCMA (AL 2807-E)	(166,594)
PPP Update (AL 2795-E / D.15-12-024)	4,067
Non-Fuel Generation Balancing Account (NGBA) Update (AL 2819-E)	(8,319)
DWR Power Charge	38,035
2016 ERRA Forecast Filing	20,986
<i>ERRA</i>	(53,689)
<i>CTC</i>	8,381
<i>LG</i>	208
<i>Nuclear Decommissioning SONGS Unit 1 Spent Fuel</i>	(23)
<i>GHG Allowance Revenue Available for Return</i>	53,108
<i>GHG Residential California Climate Credit (CCC)</i>	13,001
FERC Jurisdictional	62,007
<i>Base Transmission Revenue Requirement (BTRR)</i>	(29,126)
<i>Reliability Service (RS)</i>	(2,322)
<i>Transmission Access Charge Balancing Account Adjustment (TACBAA)</i>	97,405
<i>Transmission Revenue Balancing Account Adjustment (TRBAA)</i>	(3,950)
Total Rate Adjustment Component – TRAC	53,535
Critical Peak Pricing Default (CPP-D) Under-/Over-Collection	(7,315)
Distributed Generation Renewable (DGR) - Time Metered Under-/Over-Collection	1,550
Smart Pricing Program (SPP) Under-/Over-Collection	429
Peak Time Rebate (PTR) Incentive Payment Costs	(1,288)
<b>Other Updates:</b>	
Self-Generation Incentive Program (SGIP) (no change)	0
California Solar Initiative (CSI) (D.15-01-027)	3,553
Smart Pricing Program (SPP)	(48,753)
ERRA Trigger	(126,046)
<b>Recent Regulatory Impacts:</b>	
Energy Efficiency Savings Performance Incentives Awards (Resolution G-3510, AL 2764-E and 2788-E)	5,894
<b>Total Decrease (w/o FF&amp;U)</b>	<b>(168,258)</b>
<b>Total Decrease (with FF&amp;U)</b>	<b>(173,221)</b>

\* Total excludes rate impact from change in DWR-BC.

\*\* Revenues related to DWR Power Charge, TRAC and under/overcollections associated with CPP-D, DGR, SPP, and PTR do not include an adjustment for FF&U.

\*\*\* Sums may not equal due to rounding.

\*\*\*\* Utility Reimbursement Account Fees increased from \$0.024 to \$0.033 cents/kWh for electric service effective January 1, 2016.

**PROTEST**

Anyone may protest this Advice Letter to the Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and received within 20 days of the date this Advice Letter was filed with the Commission, or January 18, 2016. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue  
San Francisco, CA 94102

Copies should also be sent via e-mail to the attention of [EDtariffunit@cpuc.ca.gov](mailto:EDtariffunit@cpuc.ca.gov) of the Energy Division. It is also requested that a copy of the protest should be sent via electronic mail to SDG&E on the same date it is mailed or delivered to the Commission (at the address shown below).

Attn: Megan Caulson  
Regulatory Tariff Manager  
E-mail: [MCaulson@semprautilities.com](mailto:MCaulson@semprautilities.com)

**EFFECTIVE DATE**

SDG&E believes this filing is subject to Energy Division disposition and should be classified as Tier 1 (effective pending disposition) pursuant to GO 96-B. SDG&E respectfully requests that this filing be approved effective January 1, 2016.

**NOTICE**

A copy of this filing has been served on the utilities and interested parties shown on the attached list, including interested parties in A.10-12-005, by providing them a copy hereof either electronically or via the U.S. mail, properly stamped and addressed.

Address changes should be directed to SDG&E Tariffs by e-mail to [SDG&ETariffs@semprautilities.com](mailto:SDG&ETariffs@semprautilities.com).

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CLAY FABER  
Federal & CA Regulatory

# CALIFORNIA PUBLIC UTILITIES COMMISSION

## ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SAN DIEGO GAS & ELECTRIC (U 902)**

Utility type:

ELC

GAS

PLC

HEAT

WATER

Contact Person: Joff Morales

Phone #: (858) 650-4098

E-mail: jmorales@semprautilities.com

### EXPLANATION OF UTILITY TYPE

ELC = Electric

GAS = Gas

PLC = Pipeline

HEAT = Heat

WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2840-E

Subject of AL: Consolidated Filing to Implement January 1, 2016 Electric Rates

Keywords (choose from CPUC listing): Electric Rates

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: None

Summarize differences between the AL and the prior withdrawn or rejected AL<sup>1</sup>: N/A

Does AL request confidential treatment? If so, provide explanation: N/A

Resolution Required?  Yes  No

Tier Designation:  1  2  3

Requested effective date: 1/1/2016

No. of tariff sheets: 103

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: See Attachment D

Service affected and changes proposed<sup>1</sup>: N/A

Pending advice letters that revise the same tariff sheets: None

**Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:**

**CPUC, Energy Division**

**Attention: Tariff Unit**

**505 Van Ness Ave.,**

**San Francisco, CA 94102**

**EDTariffUnit@cpuc.ca.gov**

**San Diego Gas & Electric**

**Attention: Megan Caulson**

**8330 Century Park CT**

**San Diego, CA 92123**

**mcaulson@semprautilities.com**

General Order No. 96-B  
ADVICE LETTER FILING MAILING LIST

cc: (w/enclosures)

Public Utilities Commission

DRA

S. Cauchois  
R. Pocta  
W. Scott

Energy Division

P. Clanon  
S. Gallagher  
M. Ghadessi  
Tariff Unit

CA. Energy Commission

F. DeLeon  
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Alcantar & Kahl LLP

K. Cameron

American Energy Institute

C. King

APS Energy Services

J. Schenk

BP Energy Company

J. Zaiontz

Barkovich & Yap, Inc.

B. Barkovich

Bartle Wells Associates

R. Schmidt

Braun & Blaising, P.C.

S. Blaising

California Energy Markets

S. O'Donnell  
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California Farm Bureau Federation

K. Mills

California Wind Energy

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Children's Hospital & Health Center

T. Jacoby

City of Poway

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City of San Diego

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D. Weil

Commerce Energy Group

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E. O'Neill  
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Dept. of General Services

H. Nanjo  
M. Clark

Douglass & Liddell

D. Douglass  
D. Liddell  
G. Klatt

Duke Energy North America

M. Gillette

Dynegy, Inc.

J. Paul

Ellison Schneider & Harris LLP

E. Janssen

Energy Policy Initiatives Center (USD)

S. Anders

Energy Price Solutions

A. Scott

Energy Strategies, Inc.

K. Campbell  
M. Scanlan

Goodin, MacBride, Squeri, Ritchie & Day

B. Cragg  
J. Heather Patrick  
J. Squeri

Goodrich Aerostructures Group

M. Harrington

Hanna and Morton LLP

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Itsa-North America

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J. Nahigian

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J. Leslie

Manatt, Phelps & Phillips LLP

D. Huard  
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M. Brady

Modesto Irrigation District

C. Mayer

Morrison & Foerster LLP

P. Hanschen

MRW & Associates

D. Richardson

Pacific Gas & Electric Co.

J. Clark  
M. Huffman

S. Lawrie

E. Lucha

Pacific Utility Audit, Inc.

E. Kelly

San Diego Regional Energy Office

S. Freedman  
J. Porter

School Project for Utility Rate Reduction

M. Rochman

Shute, Mihaly & Weinberger LLP

O. Armi

Solar Turbines

F. Chiang

Sutherland Asbill & Brennan LLP

K. McCrea

Southern California Edison Co.

M. Alexander  
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K. Gansecki

H. Romero

TransCanada

R. Hunter  
D. White

TURN

M. Hawiger

UCAN

D. Kelly

U.S. Dept. of the Navy

K. Davoodi  
N. Furuta

L. DeLacruz

Utility Specialists, Southwest, Inc.

D. Koser

Western Manufactured Housing

Communities Association

S. Dey

White & Case LLP

L. Cottle

Interested Parties

A.10-12-005



SAN DIEGO GAS & ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Consolidated Filing

Attachment A

SDG&E Advice Letter AL 2840-E

CLASS AVERAGE RATES

Rates Effective 11/1/2015  
AL 2791-E

Rates to be Implemented  
1/1/2016

	Current Total UDC Rate (¢/KWhr)	Current Avg. Commodity + DWR Credit (¢/KWhr)	Current Total Rate (¢/KWhr)	Total UDC Rate (¢/KWhr)	Avg. Commodity + DWR Credit (¢/KWhr)	Total Rate (¢/KWhr)	Total Rate Change (¢/KWhr)	Total Rate Change (%)
Residential <sup>1</sup>	12.531	11.188	23.719	12.624	9.818	22.442	(1.277)	-5.38%
Small Commercial	13.706	10.104	23.810	13.405	8.917	22.322	(1.488)	-6.25%
Med&Lg C&I	9.198	10.928	20.126	9.086	9.540	18.626	(1.500)	-7.45%
Agriculture	8.466	9.141	17.607	8.398	8.023	16.421	(1.186)	-6.74%
Lighting	12.432	7.294	19.726	12.208	6.474	18.682	(1.044)	-5.29%
System Total	10.878	10.889	21.767	10.825	9.541	20.366	(1.401)	-6.44%

CLASS AVERAGE RATES  
EXCLUDING CALIFORNIA CLIMATE CREDIT

	Current Total UDC Rate (¢/KWhr)	Current Avg. Commodity + DWR Credit (¢/KWhr)	Current Total Rate (¢/KWhr)	Total UDC Rate (¢/KWhr)	Avg. Commodity + DWR Credit (¢/KWhr)	Total Rate (¢/KWhr)	Total Rate Change (¢/KWhr)	Total Rate Change (%)
Residential <sup>2</sup>	13.316	11.188	24.504	13.233	9.818	23.051	(1.453)	-5.93%
System Total	11.167	10.889	22.056	11.049	9.541	20.590	(1.466)	-6.65%

DWR-BC rate is reflected in the Average UDC rate.

<sup>1</sup>UDC includes residential California Climate Credit which is received semi-annually

<sup>2</sup>UDC excludes residential California Climate Credit which is received semi-annually

**SAN DIEGO GAS & ELECTRIC COMPANY - ELECTRIC DEPARTMENT**  
**Phase 1 Interim Residential Rate Design Changes**  
**Rates to be Implemented 1/1/2016**

**Attachment B**

LINE NO.	DESCRIPTION (A)	UNITS (B)	12 Months Prior	Present	Proposed	1/1/2015 to 1/1/2016		11/1/2015 to 1/1/2016		LINE NO.
			1/1/2015 <sup>(1)</sup>	11/1/2015	1/1/2016	\$ CHANGE (F)	% CHANGE (G)	\$ CHANGE (H)	% CHANGE (I)	
			TOTAL RATE (C)	TOTAL RATE (D)	TOTAL RATE (E)					
<b>Revenue Requirements</b>										
1	Residential Revenue <sup>(2)</sup>	\$ Millions	1,813	1,821	1,714	(99)	-5.46%	(107)	-5.88%	1
2	System Revenue <sup>(2)</sup>	\$ Millions	4,077	4,090	3,841	(236)	-5.80%	(249)	-6.09%	2
3	Residential Average Rate (RAR) <sup>(2)</sup>	\$/kWh	0.23153	0.24504	0.23051	-0.00102	-0.44%	-0.01453	-5.93%	3
4	System Average Rate <sup>(2)</sup>	\$/kWh	0.21284	0.22056	0.20590	-0.00694	-3.26%	-0.01466	-6.65%	4
5										5
6	<b>Rate Cap Calculations - Only Applicable with Revenue Requirement Increases<sup>(3)</sup></b>									
7	Change in Residential Average Rate <sup>(2)</sup>	\$/kWh	0.23153		0.23051	(0.00102)	-0.44%			7
8	Non-CARE Tier 1 Rate Cap = Non-CARE Tier 1 Rate + (% Change in RAR + 5%)	\$/kWh	0.17231		0.18017	0.00786	4.56%			8
9	Proposed Non-CARE Tier 1 Rate	\$/kWh		0.19031	0.18626			(0.00405)	-2.13%	9
10										10
11	<b>Total Rates - Schedules DR and DR-LI</b>									
12	<b>SCHEDULE DR (Non-CARE)</b>									
13	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00%	0.00	0.00%	13
19	Summer Energy									19
20	Baseline Energy	\$/kWh	0.17231	0.19031	0.18626	0.01395	8.10%	(0.00405)	-2.13%	20
21	101% to 130% of Baseline	\$/kWh	0.20252	0.21656	0.21198	0.00946	4.67%	(0.00458)	-2.11%	21
22	131% to 200% of Baseline	\$/kWh	0.40134	0.41778	0.40896	0.00762	1.90%	(0.00882)	-2.11%	22
23	Above 200% of Baseline	\$/kWh	0.42134	0.41778	0.40896	(0.01238)	-2.94%	(0.00882)	-2.11%	23
24	Winter Energy									24
25	Baseline Energy	\$/kWh	0.17231	0.17542	0.17138	(0.00093)	-0.54%	(0.00404)	-2.30%	25
26	101% to 130% of Baseline	\$/kWh	0.20252	0.19961	0.19504	(0.00748)	-3.69%	(0.00457)	-2.29%	26
27	131% to 200% of Baseline	\$/kWh	0.36609	0.38509	0.37627	0.01018	2.78%	(0.00882)	-2.29%	27
28	Above 200% of Baseline	\$/kWh	0.38609	0.38509	0.37627	(0.00982)	-2.54%	(0.00882)	-2.29%	28
29	Minimum Bill	Min Bill \$/Day	0.170	0.329	0.329	0.159	93.53%	0.000	0.00%	29
30										30
31	<b>SCHEDULE DR-LI (CARE effective rates after Discount and Surcharge Exemption)</b>									
32	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00%	0.00	0.00%	32
38	Summer Energy									38
39	Baseline Energy	\$/kWh	0.11228	0.11245	0.10997	(0.00231)	-2.06%	(0.00248)	-2.21%	39
40	101% to 130% of Baseline	\$/kWh	0.13143	0.12920	0.12644	(0.00499)	-3.80%	(0.00276)	-2.14%	40
41	131% to 200% of Baseline	\$/kWh	0.19923	0.25757	0.25255	0.05332	26.76%	(0.00502)	-1.95%	41
42	Above 200% of Baseline	\$/kWh	0.19923	0.25757	0.25255	0.05332	26.76%	(0.00502)	-1.95%	42
43	Winter Energy									43
44	Baseline Energy	\$/kWh	0.11228	0.10295	0.10044	(0.01184)	-10.55%	(0.00251)	-2.44%	44
45	101% to 130% of Baseline	\$/kWh	0.13143	0.11839	0.11559	(0.01584)	-12.05%	(0.00280)	-2.37%	45
46	131% to 200% of Baseline	\$/kWh	0.18613	0.23672	0.23162	0.04549	24.44%	(0.00510)	-2.15%	46
47	Above 200% of Baseline	\$/kWh	0.18613	0.23672	0.23162	0.04549	24.44%	(0.00510)	-2.15%	47
48	Minimum Bill	Min Bill \$/Day	0.136	0.164	0.164	0.028	20.59%	0.000	0.00%	48
49										49

(1) Rates effective 1/1/2015, Advice Letter 2685-E.

(2) Presentation of Residential and System Class Averages Rates and Revenues exclude California Climate Credit Revenues.

(3) Per D.15-07-001 Tier 1 increases resulting from the tier consolidation are capped at RAR plus 5% relative to rates for the prior 12 months when there is a revenue requirement increase (D.15-07-001 at 294).

(4) CARE effective rates after discount and surcharge exemption.

**ATTACHMENT C**  
**San Diego Gas & Electric Company**  
**Advice Letter No. 2840-E (Consolidated AL)**  
**Allocation of 2016 DWR Revenue Requirement to SDG&E and Remittance Rate Calculation (ref. D.15-12-003 Appendix A)**  
(Dollars in millions except as noted)

<u>Line</u>	<u>Description</u>	<u>SDG&amp;E</u>	<u>Reference</u>
1	Allocation Percentages	10.30%	Decision 05-06-060
2			
3	2004-2014 Expenses	4,594	actuals through Aug-15 then projected
4	2004-2014 Revenues	4,672	actuals through Aug-15 then projected
5	Amount to be collected from /(returned to) the IOU USBA	<u>\$ (78)</u>	Line 3 - Line 4
6			
7	2015 Expenses	1	actuals through Aug-15 then projected
8	2015 Revenues	<u>(39)</u>	actuals through Aug-15 then projected
9	Amount to be collected from /(returned to) the IOU USBA	<u>\$ 40</u>	Line 7 - Line 8
10			
11	<b>Balancing Calculation</b>		
12	December 31, 2016 Projected PCA Balance: Desired Allocation	1	
13	January 1, 2004 Starting PCA Balance: Desired Allocation	<u>171</u>	
14	Amount to be collected from /(returned to) the IOU USBA	<u>\$ (170)</u>	Line 12 - Line 13
15			
16	Fixed Transfer Payments Through 2015	204	
17	2004-2015 True-up	(37)	Line 5 + Line 9
18	Starting and Ending balance True-up	<u>(170)</u>	Line 14
19	Cumulative True-up to be collected from/(returned to) IOU USBA	<u>\$ (3)</u>	Subtotal
20			
21	<b>2016 Revenue Requirement Determination</b>		
22	Avoidable Costs	-	2016RptRR
23	Net CFC	-	2016RptRR
24	Fixed Transfer Payments	-	
25	Administrative and General	-	2016RptRR
26	Interest Earnings on Fund Balance	(0)	2016RptRR
27	Balancing Transfer between IOUs [(+) is pmt, (-) is receipt]	<u>(3)</u>	Line 19
28	Net Allocation of Revenue Requirements	<u>\$ (4)</u>	
29			
30	Return of Excess Amounts (payment to IOUs)	(4)	
31			
32	Authorized Forecasted Bundled Sales (kWh)	<u>16,650,662,136</u>	
33	<b>DWR Customer Return Credit Rate (\$/kWh)</b>	<u>\$ (0.00021)</u>	

ATTACHMENT D  
ADVICE LETTER 2840-E

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
Revised 26948-E	SCHEDULE DR, RESIDENTIAL SERVICE, (Includes Rates for DR-LI), Sheet 1	Revised 26902-E
Revised 26949-E	SCHEDULE DR, RESIDENTIAL SERVICE, (Includes Rates for DR-LI), Sheet 2	Revised 26725-E
Revised 26950-E	SCHEDULE DR, RESIDENTIAL SERVICE, (Includes Rates for DR-LI), Sheet 3	Revised 26726-E
Revised 26951-E	SCHEDULE DR, RESIDENTIAL SERVICE, (Includes Rates for DR-LI), Sheet 4	Revised 26903-E
Revised 26952-E	SCHEDULE DR-TOU, EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE, (CLOSED SCHEDULE), Sheet 1	Revised 26904-E
Revised 26953-E	SCHEDULE DR-TOU, EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE, (CLOSED SCHEDULE), Sheet 2	Revised 26728-E
Revised 26954-E	SCHEDULE DR-TOU, EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE, (CLOSED SCHEDULE), Sheet 3	Revised 26729-E
Revised 26955-E	SCHEDULE DR-TOU, EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE, (CLOSED SCHEDULE), Sheet 4	Revised 26730-E
Revised 26956-E	SCHEDULE DR-TOU, EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE, (CLOSED SCHEDULE), Sheet 5	Revised 26905-E
Revised 26957-E	SCHEDULE DR-TOU, EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE, (CLOSED SCHEDULE), Sheet 8	Revised 26565-E
Revised 26958-E	SCHEDULE TOU-DR, RESIDENTIAL - TIME OF USE SERVICE, Sheet 1	Revised 26906-E
Revised 26959-E	SCHEDULE TOU-DR, RESIDENTIAL - TIME OF USE SERVICE, Sheet 2	Revised 26733-E
Revised 26960-E	SCHEDULE TOU-DR, RESIDENTIAL - TIME OF USE SERVICE, Sheet 3	Revised 26734-E
Revised 26961-E	SCHEDULE TOU-DR, RESIDENTIAL - TIME OF USE SERVICE, Sheet 4	Revised 26907-E
Revised 26962-E	SCHEDULE DR-SES, DOMESTIC TIME-OF-USE FOR HOUSEHOLDS WITH A SOLAR ENERGY SYSTEM, Sheet 1	Revised 26908-E
Revised 26963-E	SCHEDULE DR-SES, DOMESTIC TIME-OF-USE FOR HOUSEHOLDS WITH A SOLAR ENERGY SYSTEM, Sheet 3	Revised 26572-E
Revised 26964-E	SCHEDULE E-CARE, CALIFORNIA ALTERNATE RATES FOR ENERGY, Sheet 2	Original 26574-E
Revised 26965-E	SCHEDULE DM, MULTI-FAMILY SERVICE, (CLOSED SCHEDULE), Sheet 1	Revised 26909-E

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Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
Revised 26966-E	SCHEDULE DM, MULTI-FAMILY SERVICE, (CLOSED SCHEDULE), Sheet 2	Revised 26738-E
Revised 26967-E	SCHEDULE DM, MULTI-FAMILY SERVICE, (CLOSED SCHEDULE), Sheet 3	Revised 26910-E
Revised 26968-E	SCHEDULE DS, SUBMETERED MULTI-FAMILY SERVICE, Sheet 1	Revised 26911-E
Revised 26969-E	SCHEDULE DS, SUBMETERED MULTI-FAMILY SERVICE, Sheet 2	Revised 26741-E
Revised 26970-E	SCHEDULE DS, SUBMETERED MULTI-FAMILY SERVICE, Sheet 3	Revised 26912-E
Revised 26971-E	SCHEDULE DS, SUBMETERED MULTI-FAMILY SERVICE, Sheet 4	Revised 26587-E
Revised 26972-E	SCHEDULE DT, SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK, (Closed Schedule), Sheet 1	Revised 26913-E
Revised 26973-E	SCHEDULE DT, SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK, (Closed Schedule), Sheet 2	Revised 26744-E
Revised 26974-E	SCHEDULE DT, SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK, Sheet 3	Revised 26914-E
Revised 26975-E	SCHEDULE DT, SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK, Sheet 4	Revised 26591-E
Revised 26976-E	SCHEDULE DT-RV, SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS, Sheet 1	Revised 26915-E
Revised 26977-E	SCHEDULE DT-RV, SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS, Sheet 2	Revised 26747-E
Revised 26978-E	SCHEDULE DT-RV, SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS, Sheet 3	Revised 26916-E
Revised 26979-E	SCHEDULE DT-RV, SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS, Sheet 4	Revised 26595-E
Revised 26980-E	SCHEDULE EV-TOU, DOMESTIC TIME-OF-USE FOR ELECTRIC VEHICLE CHARGING, Sheet 1	Revised 26917-E
Revised 26981-E	SCHEDULE EV-TOU-2, DOMESTIC TIME-OF-USE FOR HOUSEHOLDS WITH ELECTRIC VEHICLES, Sheet 1	Revised 26918-E

ATTACHMENT D  
ADVICE LETTER 2840-E

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
Revised 26982-E	SCHEDULE A, GENERAL SERVICE, (Closed Schedule), Sheet 1	Revised 26751-E
Revised 26983-E	SCHEDULE A, GENERAL SERVICE, Sheet 2	Revised 25926-E
Revised 26984-E	SCHEDULE TOU-A, GENERAL SERVICE - TIME OF USE SERVICE, Sheet 1	Revised 26477-E
Revised 26985-E	SCHEDULE TOU-A, GENERAL SERVICE - TIME OF USE SERVICE, Sheet 2	Revised 26752-E
Revised 26986-E	SCHEDULE A-TC, TRAFFIC CONTROL SERVICE, Sheet 1	Revised 26753-E
Revised 26987-E	SCHEDULE AD, GENERAL SERVICE - DEMAND METERED, (Closed Schedule), Sheet 1	Revised 26482-E
Revised 26988-E	SCHEDULE AD, GENERAL SERVICE - DEMAND METERED, Sheet 2	Revised 26754-E
Revised 26989-E	SCHEDULE A-TOU, GENERAL SERVICE - SMALL - TIME METERED, (Closed Schedule), Sheet 1	Revised 26755-E
Revised 26990-E	SCHEDULE AL-TOU, GENERAL SERVICE - TIME METERED, Sheet 1	Revised 26490-E
Revised 26991-E	SCHEDULE AL-TOU, GENERAL SERVICE - TIME METERED, Sheet 2	Revised 26756-E
Revised 26992-E	SCHEDULE AL-TOU, GENERAL SERVICE - TIME METERED, Sheet 3	Revised 26757-E
Revised 26993-E	SCHEDULE AL-TOU, GENERAL SERVICE - TIME METERED, Sheet 4	Revised 26758-E
Revised 26994-E	SCHEDULE AY-TOU, GENERAL SERVICE - TIME METERED - OPTIONAL, (Closed Schedule), Sheet 1	Revised 26759-E
Revised 26995-E	SCHEDULE AY-TOU, GENERAL SERVICE - TIME METERED - OPTIONAL, Sheet 2	Revised 26760-E
Revised 26996-E	SCHEDULE A6-TOU, GENERAL SERVICE - TIME METERED OPTIONAL, Sheet 1	Revised 26761-E
Revised 26997-E	SCHEDULE A6-TOU, GENERAL SERVICE - TIME METERED OPTIONAL, Sheet 2	Revised 26762-E
Revised 26998-E	SCHEDULE DG-R, DISTRIBUTED GENERATION RENEWABLE - TIME METERED, Sheet 1	Revised 26763-E

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ADVICE LETTER 2840-E

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
Revised 26999-E	SCHEDULE DG-R, DISTRIBUTED GENERATION RENEWABLE - TIME METERED, Sheet 2	Revised 26764-E
Revised 27000-E	SCHEDULE DG-R, DISTRIBUTED GENERATION RENEWABLE - TIME METERED, Sheet 3	Revised 26765-E
Revised 27001-E	SCHEDULE OL-TOU, OUTDOOR LIGHTING - TIME METERED, Sheet 1	Revised 26766-E
Revised 27002-E	SCHEDULE LS-1, LIGHTING - STREET AND HIGHWAY - UTILITY-OWNED INSTALLATIONS, Sheet 1	Revised 26767-E
Revised 27003-E	SCHEDULE LS-1, LIGHTING - STREET AND HIGHWAY - UTILITY-OWNED INSTALLATIONS, Sheet 2	Revised 26768-E
Revised 27004-E	SCHEDULE LS-1, LIGHTING - STREET AND HIGHWAY - UTILITY-OWNED INSTALLATIONS, Sheet 3	Revised 26769-E
Revised 27005-E	SCHEDULE LS-2, LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS, Sheet 1	Revised 26770-E
Revised 27006-E	SCHEDULE LS-2, LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS, Sheet 2	Revised 26771-E
Revised 27007-E	SCHEDULE LS-2, LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS, Sheet 3	Revised 26772-E
Revised 27008-E	SCHEDULE LS-2, LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS, Sheet 4	Revised 26773-E
Revised 27009-E	SCHEDULE LS-2, LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS, Sheet 5	Revised 26774-E
Revised 27010-E	SCHEDULE LS-3, LIGHTING-STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS, (Closed Schedule), Sheet 1	Revised 26775-E
Revised 27011-E	SCHEDULE OL-1, OUTDOOR AREA LIGHTING SERVICE, Sheet 1	Revised 26776-E
Revised 27012-E	SCHEDULE OL-2, OUTDOOR AREA LIGHTING SERVICE METERED - CUSTOMER-OWNED INSTALLATIONS, Sheet 1	Revised 26777-E
Revised 27013-E	SCHEDULE DWL, RESIDENTIAL WALKWAY LIGHTING, Sheet 1	Revised 26778-E
Revised 27014-E	SCHEDULE PA, Power - Agricultural, (CLOSED SCHEDULE), Sheet 1	Revised 26779-E

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Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
Revised 27015-E	SCHEDULE TOU-PA, POWER - AGRICULTURAL TIME OF USE SERVICE, Sheet 1	Revised 26509-E
Revised 27016-E	SCHEDULE TOU-PA, POWER - AGRICULTURAL TIME OF USE SERVICE, Sheet 2	Revised 26780-E
Revised 27017-E	SCHEDULE PA-T-1, EXPERIMENTAL POWER - AGRICULTURAL - OPTIONAL TIME-OF-USE, Sheet 1	Revised 26513-E
Revised 27018-E	SCHEDULE PA-T-1, EXPERIMENTAL POWER - AGRICULTURAL - OPTIONAL TIME-OF-USE, Sheet 2	Revised 26781-E
Revised 27019-E	SCHEDULE PA-T-1, EXPERIMENTAL POWER - AGRICULTURAL - OPTIONAL TIME-OF-USE, Sheet 3	Revised 26782-E
Revised 27020-E	SCHEDULE S, STANDBY SERVICE, Sheet 1	Revised 26783-E
Revised 27021-E	SCHEDULE DWR-BC, DEPARTMENT OF WATER RESOURCES BOND CHARGE, Sheet 1	Revised 25960-E
Revised 27045-E	SCHEDULE DA-CRS, DIRECT ACCESS COST RESPONSIBILITY SURCHARGE, Sheet 2	Revised 26103-E
Revised 27046-E	SCHEDULE DA-CRS, DIRECT ACCESS COST RESPONSIBILITY SURCHARGE, Sheet 3	Revised 21814-E
Revised 27047-E	SCHEDULE DA-CRS, DIRECT ACCESS COST RESPONSIBILITY SURCHARGE, Sheet 4	Original 21815-E
Original 27048-E	SCHEDULE DA-CRS, DIRECT ACCESS COST RESPONSIBILITY SURCHARGE, Sheet 5	
Revised 27049-E	SCHEDULE CCA-CRS, COMMUNITY CHOICE AGGREGATION COST RESPONSIBILITY SURCHARGE, Sheet 1	Revised 26104-E
Revised 27022-E	SCHEDULE UM, UNMETERED ELECTRIC SERVICE, Sheet 1	Revised 26784-E
Revised 27023-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 1	Revised 26944-E
Revised 27024-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 2	Revised 26945-E
Revised 27025-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 3	Revised 26787-E
Revised 27026-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 4	Revised 26788-E



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Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
Revised 27027-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 5	Revised 26789-E
Revised 27028-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 6	Revised 26790-E
Revised 27029-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 7	Revised 26791-E
Revised 27030-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 8	Revised 26792-E
Revised 27031-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 9	Revised 26793-E
Revised 27032-E	SCHEDULE EECC, ELECTRIC ENERGY COMMODITY COST, Sheet 10	Revised 26794-E
Revised 27050-E	SCHEDULE EECC-TOU-DR-P, ELECTRIC COMMODITY COST, TIME OF USE PLUS, Sheet 1	Revised 26795-E
Revised 27033-E	SCHEDULE EECC-TOU-A-P, ELECTRIC COMMODITY COST, TIME OF USE PLUS, Sheet 2	Revised 26796-E
Revised 27034-E	SCHEDULE EECC-TOU-PA-P, ELECTRIC COMMODITY COST, AGRICULTURAL TIME OF USE PLUS, Sheet 1	Revised 26797-E
Revised 27035-E	SCHEDULE EECC-CPP-D, ELECTRIC COMMODITY COST, CRITICAL PEAK PRICING DEFAULT, Sheet 1	Revised 26798-E
Revised 27036-E	SCHEDULE EECC-CPP-D, ELECTRIC COMMODITY COST, CRITICAL PEAK PRICING DEFAULT, Sheet 2	Revised 26799-E
Revised 27037-E	SCHEDULE EECC-CPP-D-AG, ELECTRIC COMMODITY COST, CRITICAL PEAK PRICING DEFAULT AGRICULTURAL, Sheet 1	Revised 26800-E
Revised 27038-E	SCHEDULE EECC-CPP-D-AG, ELECTRIC COMMODITY COST, CRITICAL PEAK PRICING DEFAULT AGRICULTURAL, Sheet 2	Revised 26801-E
Revised 27051-E	SCHEDULE GHG-ARR, GREENHOUSE GAS ALLOWANCE REVENUE RETURN, Sheet 1	Revised 26919-E
Revised 27044-E	SCHEDULE GHG-ARR, GREENHOUSE GAS ALLOWANCE REVENUE RETURN, Sheet 2	Revised 26289-E
Revised 27052-E	SCHEDULE GHG-ARR, GREENHOUSE GAS ALLOWANCE REVENUE RETURN, Sheet 3	Original 26136-E

ATTACHMENT D  
ADVICE LETTER 2840-E

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
Revised 27039-E	TABLE OF CONTENTS, Sheet 1	Revised 26934-E
Revised 27040-E	TABLE OF CONTENTS, Sheet 4	Revised 26881-E
Revised 27041-E	TABLE OF CONTENTS, Sheet 5	Revised 26804-E
Revised 27042-E	TABLE OF CONTENTS, Sheet 6	Revised 26876-E



**SCHEDULE DR**

Sheet 1

RESIDENTIAL SERVICE  
(Includes Rates for DR-LI)

APPLICABILITY

Applicable to domestic service for lighting, heating, cooking, water heating, and power, or combination thereof, in single family dwellings, flats, and apartments, separately metered by the utility; to service used in common for residential purposes by tenants in multi-family dwellings under Special Condition 8; to any approved combination of residential and nonresidential service on the same meter; and to incidental farm service under Special Condition 7.

This schedule is also applicable to customers qualifying for the California Alternate Rates for Energy (CARE) Program and/or Medical Baseline, residing in single-family accommodations, separately metered by the Utility, and may include Non-profit Group Living Facilities and Qualified Agricultural Employee Housing Facilities, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE. The rates for CARE and Medical Baseline customers are identified in the rates tables below as DR-LI and DR-MB rates, respectively.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(17.44) per Schedule GHG-ARR.

I

TERRITORY

Within the entire territory served by the Utility.

RATES

**Total Rates:**

Description - DR Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer:</b>				
Baseline Energy (\$/kWh)	0.05122	0.00539	0.12965	0.18626
101% to 130% of Baseline	0.07694	0.00539	0.12965	0.21198
Above 130% of Baseline	0.27392	0.00539	0.12965	0.40896
<b>Winter:</b>				
Baseline Energy (\$/kWh)	0.09995	0.00539	0.06604	0.17138
101% to 130% of Baseline	0.12361	0.00539	0.06604	0.19504
Above 130% of Baseline	0.30484	0.00539	0.06604	0.37627
Minimum Bill (\$/day)	0.329			0.329

Description -DR-LI Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – CARE Rates:</b>				
Baseline Energy (\$/kWh)	0.04867	0.00000	0.12965	0.17832
101% to 130% of Baseline	0.07439	0.00000	0.12965	0.20404
Above 130% of Baseline	0.27137	0.00000	0.12965	0.40102
<b>Winter – CARE Rates:</b>				
Baseline Energy (\$/kWh)	0.09740	0.00000	0.06604	0.16344
101% to 130% of Baseline	0.12106	0.00000	0.06604	0.18710
Above 130% of Baseline	0.30229	0.00000	0.06604	0.36833
Minimum Bill (\$/day)	0.164	0.00000		0.164

(Continued)

1C10

Advice Ltr. No. 2840-E

Decision No.

Issued by  
**Dan Skopec**  
Vice President  
Regulatory Affairs

Date Filed Dec 29, 2015

Effective Jan 1, 2016

Resolution No.



**SCHEDULE DR**

**RESIDENTIAL SERVICE**  
**(Includes Rates for DR-LI)**

Description – DR - MB Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – MB Rates:</b>				
Baseline Energy (\$/kWh)	0.02908	0.00000	0.12965	0.15873
101% to 130% of Baseline	0.05230	0.00000	0.12965	0.18195
Above 130% of Baseline	0.12836	0.00000	0.12965	0.25801
<b>Winter – MB Rates:</b>				
Baseline Energy (\$/kWh)	0.08000	0.00000	0.06604	0.14604
101% to 130% of Baseline	0.10136	0.00000	0.06604	0.16740
Above 130% of Baseline	0.17135	0.00000	0.06604	0.23739
Minimum Bill (\$/day)	0.164			0.164

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00021) that customers receive on their monthly bills.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

**UDC Rates:**

Description - DR Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer:</b>									
Baseline Energy (\$/kWh)	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	(0.07713)	0.05122
101% - 130% of Baseline	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	(0.05141)	0.07694
Above 130% of Baseline	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.14557	0.27392
<b>Winter:</b>									
Baseline Energy (\$/kWh)	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	(0.02840)	0.09995
101% - 130% of Baseline	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	(0.00474)	0.12361
Above 130% of Baseline	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.17649	0.30484
Minimum Bill (\$/day)	0.329								0.329

(Continued)



**SCHEDULE DR**

Sheet 3

RESIDENTIAL SERVICE  
(Includes Rates for DR-LI)

UDC Rates (continued):

Description –DR-LI Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer – CARE Rates:</b>									
Baseline Energy (\$/kWh)	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.07713)	0.04867
101% - 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.05141)	0.07439
Above 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.14557	0.27137
<b>Winter – CARE Rates:</b>									
Baseline Energy (\$/kWh)	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.02840)	0.09740
101% - 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.00474)	0.12106
Above 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.17649	0.30229
Minimum Bill (\$/day)			0.164						0.164

Description –DR MB Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer – MB Rates:</b>									
Baseline Energy (\$/kWh)	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.09927)	0.02908
101% to 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.07605)	0.05230
Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.00001	0.12836
<b>Winter – MB Rates:</b>									
Baseline Energy (\$/kWh)	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.04835)	0.08000
101% to 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.02699)	0.10136
Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.04300	0.17135
Minimum Bill (\$/day)			0.164						0.164

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**SCHEDULE DR**

Sheet 4

RESIDENTIAL SERVICE  
(Includes Rates for DR-LI)

RATES (Continued)

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00058 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00473 /kWh.

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The Non-Baseline rates are for energy used in excess of the baseline allowance

Minimum Bill

The minimum bill is calculated as the minimum bill charge of \$0.329 per day times the number of days in the billing cycle with a 50% discount applied for CARE, Medical Baseline, or Family Electric Rate Assistance Program (FERA) customers resulting in a minimum bill charge of \$0.164 per day.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) the Total Rate Adjustment Component (TRAC).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1-Definitions.

Customers taking service under this schedule may be eligible for a California Alternate Rates for Energy (CARE) discount on their bill, if they qualify to receive service under the terms and conditions of Schedule E-CARE. In addition, qualified CARE customers are exempt from paying the CARE surcharge of \$0.00655 per kWh.

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Customers that are eligible and receive both CARE and medical baseline will be given the additional medical baseline allotment for which they qualify and will receive the total effective CARE discounts identified in Schedule E-CARE.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

SPECIAL CONDITIONS

1. Load Checks. The utility has the right to make load checks to verify the possession and use of appliances for which baseline quantities are being allowed. In the event that a customer is found, by load check, not to have the necessary appliances to qualify for a specific baseline quantity previously declared by the customer, the utility shall have the right to rebill the customer's previous 11 months' bills using the baseline quantities found to be appropriate.

(Continued)



**SCHEDULE DR-TOU**

Sheet 1

**EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE  
(CLOSED SCHEDULE)**

APPLICABILITY

Optionally available to domestic service for lighting, heating, cooking, water heating, and power, or combination thereof, in single family dwellings, flats, and apartments, along with service used in common for residential purposes by tenants in multi-family dwellings described under Special Condition 13, where the customer is separately metered by the utility. Qualifying California Alternative Rates For Energy (CARE) and or Medical Baseline customers are eligible for service on this schedule, as further described under Special Condition 10 of this schedule. The utility reserves the right to limit the number of customers receiving service under the terms of this schedule, as described in Special Condition 8. The rates for CARE and Medical Baseline customers are identified in the rates tables below as DR-TOU-CARE and DR-TOU-MB rates.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(17.44) per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the utility.

RATES

**Total Rates:**

Description – DR-TOU Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer Energy:</b>				
On-Peak: Baseline Energy (\$/kWh)	(0.05830)	0.00539	0.33078 R	0.27787 R
101% to 130% of Baseline	(0.01993)	0.00539	0.33078 R	0.31624 R
Above 130% of Baseline	0.27392	0.00539	0.33078 R	0.61009 R
Off-Peak: Baseline Energy (\$/kWh)	0.07751	0.00539	0.08138 R	0.16428 R
101% to 130% of Baseline	0.10019	0.00539	0.08138 R	0.18696 R
Above 130% of Baseline	0.27392	0.00539	0.08138 R	0.36069 R
<b>Winter Energy:</b>				
On-Peak: Baseline Energy	0.09004	0.00539	0.08423 R	0.17966 R
101% to 130% of Baseline	0.11485	0.00539	0.08423 R	0.20447 R
Above 130% of Baseline	0.30484 R	0.00539	0.08423 R	0.39446 R
Off-Peak: Baseline Energy	0.09755	0.00539	0.07044 R	0.17338 R
101% to 130% of Baseline	0.12149	0.00539	0.07044 R	0.19732 R
Above 130% of Baseline	0.30484 R	0.00539	0.07044 R	0.38067 R
Minimum Bill (\$/Day)	0.329			0.329

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**SCHEDULE DR-TOU**

Sheet 2

**EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE  
(CLOSED SCHEDULE)**

RATES (Continued)

Description – DR-TOU-CARE Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – CARE Rates:</b>				
On-Peak: Baseline Energy (\$/kWh)	(0.06085)	0.00000	0.33078 R	0.26993 R
101% to 130% of Baseline	(0.02248)	0.00000	0.33078 R	0.30830 R
Above 130% of Baseline	0.27137	0.00000	0.33078 R	0.60215 R
Off-Peak: Baseline Energy (\$/kWh)	0.07496	0.00000	0.08138 R	0.15634 R
101% to 130% of Baseline	0.09764	0.00000	0.08138 R	0.17902 R
Above 130% of Baseline	0.27137	0.00000	0.08138 R	0.35275 R
<b>Winter – CARE Rates:</b>				
On-Peak: Baseline Energy	0.08749	0.00000	0.08423 R	0.17172 R
101% to 130% of Baseline	0.11230	0.00000	0.08423 R	0.19653 R
Above 130% of Baseline	0.30229 R	0.00000	0.08423 R	0.38652 R
Off-Peak: Baseline Energy	0.09500	0.00000	0.07044 R	0.16544 R
101% to 130% of Baseline	0.11894	0.00000	0.07044 R	0.18938 R
Above 130% of Baseline	0.30229 R	0.00000	0.07044 R	0.37273 R
Minimum Bill (\$/Day)	0.164			0.164

Description – DR-TOU-MB Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – MB Rates:</b>				
On-Peak: Baseline Energy (\$/kWh)	(0.09399)	0.00000	0.33078 R	0.23679 R
101% to 130% of Baseline	(0.05935)	0.00000	0.33078 R	0.27143 R
Above 130% of Baseline	0.05413	0.00000	0.33078 R	0.38491 R
Off-Peak: Baseline Energy (\$/kWh)	0.05861	0.00000	0.08138 R	0.13999 R
101% to 130% of Baseline	0.07909	0.00000	0.08138 R	0.16047 R
Above 130% of Baseline	0.14618	0.00000	0.08138 R	0.22756 R
<b>Winter – MB Rates:</b>				
On-Peak: Baseline Energy	0.06887	0.00000	0.08423 R	0.15310 R
101% to 130% of Baseline	0.09127	0.00000	0.08423 R	0.17550 R
Above 130% of Baseline	0.16464	0.00000	0.08423 R	0.24887 R
Off-Peak: Baseline Energy	0.07731	0.00000	0.07044 R	0.14775 R
101% to 130% of Baseline	0.09892	0.00000	0.07044 R	0.16936 R
Above 130% of Baseline	0.16973	0.00000	0.07044 R	0.24017 R
Minimum Bill (\$/Day)	0.164			0.164

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00021) that customers receive on their monthly bills
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

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**SCHEDULE DR-TOU**

Sheet 3

**EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE  
(CLOSED SCHEDULE)**

RATES (Continued)

UDC Rates:

Description – DR-TOU	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Metering Charge (\$/Mo)</u>									
<b>Summer:</b>									
On-Peak Baseline Energy	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.18665)	(0.05830)
On-Peak: 101%-130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.14828)	(0.01993)
On-Peak: Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.14557	0.27392
Off-Peak Baseline Energy	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.05084)	0.07751
Off-Peak: 101% - 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.02816)	0.10019
Off-Peak: : Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.14557	0.27392
<b>Winter:</b>									
On-Peak Baseline Energy	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.03831)	0.09004
On-Peak: 101%-130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.01350)	0.11485
On-Peak: Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.17649	0.30484
Off-Peak Baseline Energy	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.03080)	0.09755
Off-Peak: 101%-130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.00686)	0.12149
Off-Peak: 130% above of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.17649	0.30484
Minimum Bill		0.329							0.329

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**SCHEDULE DR-TOU**

Sheet 4

**EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE  
(CLOSED SCHEDULE)**

RATES (Continued)

Description – DR-TOU CARE Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Metering Charge (\$/Mo)</b>									
<b>Summer – CARE:</b>									
On-Peak Baseline Energy	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.18665)	(0.06085)
On-Peak: 101% to 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.14828)	(0.02248)
On-Peak: Above 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.14557	0.27137
Off-Peak Baseline Energy	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.05084)	0.07496
Off-Peak: 101% to 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.02816)	0.09764
Off-Peak: Above 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.14557	0.27137
<b>Winter – CARE:</b>									
On-Peak Baseline Energy	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.03831)	0.08749
On-Peak: 101% to 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.01350)	0.11230
On-Peak: Above 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.17649	0.30229 R
Off-Peak Baseline Energy	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.03080)	0.09500
Off-Peak: 101% to 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.00686)	0.11894
Off-Peak: Above 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.17649	0.30229 R
Minimum Bill (\$/Day)	0.164								0.164

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**SCHEDULE DR-TOU**

Sheet 5

**EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE  
(CLOSED SCHEDULE)**

RATES (Continued)

Description – DR-TOU MB Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Metering Charge (\$/Mo)									
Summer Energy – Medical Baseline									
On-Peak Baseline Energy	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.22234)	(0.09399)
On-Peak: 101% to 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.18770)	(0.05935)
On-Peak: Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.07422)	0.05413
Off-Peak Baseline Energy	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.06974)	0.05861
Off-Peak: 101% to 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.04926)	0.07909
Off-Peak: Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.01783	0.14618
Winter Energy – Medical Baseline									
On-Peak Baseline Energy	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.05948)	0.06887
On-Peak: 101% to 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.03708)	0.09127
On-Peak: Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.03629	0.16464
Off-Peak Baseline Energy	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.05104)	0.07731
Off-Peak: 101% to 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.02943)	0.09892
Off-Peak: Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.04138	0.16973
Minimum Bill (\$/Day)		0.164							0.164

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00058 kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00473 /kWh.

Minimum Bill

The minimum bill is calculated as the minimum bill charge of \$0.329 per day times the number of days in the billing cycle with a 50% discount applied for CARE, Medical Baseline, or Family Electric Rate Assistance Program (FERA) customers resulting in a minimum bill charge of \$0.164 per day.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

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**SCHEDULE DR-TOU**

Sheet 8

EXPERIMENTAL DOMESTIC TIME-OF-USE SERVICE  
(CLOSED SCHEDULE)

SPECIAL CONDITIONS (Continued)

- 9. Optional Billing - Utility Option. The utility may, at its option, provide all new Schedule DR-TOU customers the lower of the bill under this schedule or the bill under their regularly applicable non-TOU schedule for three consecutive months. This option is solely the utility's and shall in no way obligate the utility. If after being served under this optional billing provision, the customer elects to continue service on Schedule DR-TOU, the customer will be required to continue service on this schedule for 12 consecutive months before receiving service on another schedule
- 10. CARE Customers. Customers taking service under this schedule may be eligible for a CARE discount on their bill, which for bundled customers primarily includes (1) a volumetric (per-kWh) discount combining the sum of (a) the Utility Distribution Company (UDC) rate exclusive of CARE-specific PPP charges embedded within the UDC rate, as shown on this schedule, and (b) the Electric Energy Commodity Cost rate as shown on schedule EECC, plus (2) the fixed monthly meter charge as shown on this schedule, if they qualify to receive service under the terms and conditions of Schedule E-CARE. In addition, qualified CARE customers are exempt from paying the CARE surcharge of \$0.00655 per kWh.
- 11. Billing. A customer's bill is first calculated according to the total rates and conditions listed above. The following adjustments are made depending on the option applicable to the customer:
  - a. **UDC Bundled Service Customers** receive supply and delivery services solely from the Utility. The customer's bill is based on the Total Rates set forth above. The EECC component is determined by multiplying the EECC price for this schedule during the last month by the customer's total usage. The DWR-BC component is determined by multiplying the DWR-BC rate by the customer's total usage
  - b. **Direct Access (DA) and Community Choice Aggregation (CCA) Customers** purchase energy from a non-utility provider and continue to receive delivery services from the Utility. The bills for a DA and CCA Customer will be calculated as if they were a UDC Bundled Service Customer, then crediting the bill by the amount of the EECC component and DWR-BC component for continuous DA customers that are exempt from the DWR-BC charge, as determined for a UDC Bundled Customer, and including the appropriate Cost Responsibility Surcharge (CRS), if applicable.

Nothing in this service schedule prohibits a marketer or broker from negotiating with customers the method by which their customer will pay the CTC charge.

- 12. Other Applicable Tariffs: Rules 21, 23 and Schedule E-DEPART apply to customers with generators. Schedules NEM, NEM-BIO, and NEM-FC apply to Net Energy Metering customers. Customers on Schedule E-DEPART are not eligible for Schedule GHG-ARR.
- 13. Common Use Service: Service used in common for residential purposes in a multi-family dwelling, on a single premises, whether separately metered or combined with service to an individual dwelling unit, will be supplied under this schedule. Non-profit group living facilities are eligible to receive the CARE discount in both separately metered and non-separately metered common-use areas provided the facility meets the eligibility criteria set forth in PU Code §739.1.



**SCHEDULE TOU-DR**

Sheet 1

RESIDENTIAL - TIME OF USE SERVICE

APPLICABILITY

This Schedule is optionally available to domestic service for lighting, heating, cooking, water heating, and power, or combination thereof, in single family dwellings, flats, and apartments, separately metered by the utility; to service used in common for residential purposes by tenants in multi-family dwellings under Special Condition 3; to any approved combination of residential and nonresidential service on the same meter; and to incidental farm service under Special Condition 7. In order for this Schedule to take effect, the customer must have "appropriate electric metering" as defined under Special Condition 1.

This Schedule is also applicable to customers qualifying for the California Alternate Rates for Energy (CARE) Program and/or Medical Baseline, residing in single-family accommodations, separately metered by the Utility, and may include Non-profit Group Living Facilities and Qualified Agricultural Employee Housing Facilities, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE. The rates for CARE and Medical Baseline customers are identified in the rates tables below as TOU-DR-LI and TOU-DR-MB rates, respectively.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(17.44) per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

Total Rates:

Description – TOU-DR	UDC		DWR-BC		EECC		Total	
	Total Rate		Rate		Rate + DWR		Rate	
					Rate + DWR			
					Credit			
<b>Summer:</b>								
On-Peak	0.27392	I	0.00539	I	0.18154	R	0.46085	R
Semi-Peak	0.27392	I	0.00539	I	0.12965	R	0.40896	R
Off-Peak	0.27392	I	0.00539	I	0.09068	R	0.36999	R
<b>Winter:</b>								
On-Peak	0.30484	R	0.00539	I	0.09612	R	0.40635	R
Semi-Peak	0.30484	R	0.00539	I	0.08224	R	0.39247	R
Off-Peak	0.30484	R	0.00539	I	0.06299	R	0.37322	R
Summer Baseline Adjustment Credit	(0.22270)	I					(0.22270)	I
Summer 101% to 130% of BL Adjustment Credit	(0.19698)	I					(0.19698)	I
Winter Baseline Adjustment Credit	(0.20489)	I					(0.20489)	I
Winter 101% to 130% of BL Adjustment Credit	(0.18123)	I					(0.18123)	I
Minimum Bill (\$/day)	0.329						0.329	

(Continued)



**SCHEDULE TOU-DR**  
**RESIDENTIAL - TIME OF USE SERVICE**

Sheet 2

RATES (Continued)

Total Rates: (Continued)

Description – TOU-DR-LI	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – CARE Rates:</b>				
On-Peak	0.27137	I 0.00000	0.18154 R	0.45291 R
Semi-Peak	0.27137	I 0.00000	0.12965 R	0.40102 R
Off-Peak	0.27137	I 0.00000	0.09068 R	0.36205 R
<b>Winter – CARE Rates:</b>				
On-Peak	0.30229	R 0.00000	0.09612 R	0.39841 R
Semi-Peak	0.30229	R 0.00000	0.08224 R	0.38453 R
Off-Peak	0.30229	R 0.00000	0.06299 R	0.36528 R
Summer Baseline Adjustment Credit	(0.22270)	I		(0.22270) I
Summer 101% to 130% of BL Adjustment Credit	(0.19698)	I		(0.19698) I
Winter Baseline Adjustment Credit	(0.20489)	I		(0.20489) I
Winter 101% to 130% of BL Adjustment Credit	(0.18123)	I		(0.18123) I
Minimum Bill (\$/day)	0.164			0.164

Description – TOU-DR-MB	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – MB Rates:</b>				
On-Peak	0.12836	I 0.00000	0.18154 R	0.30990 R
Semi-Peak	0.12836	I 0.00000	0.12965 R	0.25801 R
Off-Peak	0.12836	I 0.00000	0.09068 R	0.21904 I
<b>Winter – MB Rates:</b>				
On-Peak	0.17135	I 0.00000	0.09612 R	0.26747 R
Semi-Peak	0.17135	I 0.00000	0.08224 R	0.25359 R
Off-Peak	0.17135	I 0.00000	0.06299 R	0.23434 R
Summer Baseline Adjustment Credit	(0.09928)	I		(0.09928) I
Summer 101% to 130% of BL Adjustment Credit	(0.07606)	I		(0.07606) I
Winter Baseline Adjustment Credit	(0.09135)	I		(0.09135) I
Winter 101% to 130% of BL Adjustment Credit	(0.06999)	I		(0.06999) I
Minimum Bill (\$/day)	0.164			0.164

Note:

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.
- As identified in the rates tables, customer bills will also include line-item summer and winter credits for usage up to 130% of baseline to provide the rate capping benefits adopted by Assembly Bill 1X and Senate Bill 695.

(Continued)

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**SCHEDULE TOU-DR**  
**RESIDENTIAL - TIME OF USE SERVICE**

Sheet 3

RATES (Continued)

UDC Rates:

Description – TOU-DR	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer:</b>									
On-Peak	0.02943	0.08367 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.14557	0.27392
Semi-Peak	0.02943	0.08367 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.14557	0.27392
Off-Peak	0.02943	0.08367 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.14557	0.27392
Baseline Allowance Credit								(0.22270)	(0.22270)
101% - 130% of Baseline Allowance Credit								(0.19698)	(0.19698)
<b>Winter:</b>									
On-Peak	0.02943	0.08367 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.17649	0.30484 R
Semi-Peak	0.02943	0.08367 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.17649	0.30484 R
Off-Peak	0.02943	0.08367 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.17649	0.30484 R
Baseline Allowance Credit								(0.20489)	(0.20489)
101% - 130% of Baseline Allowance Credit								(0.18123)	(0.18123)
Minimum Bill (\$/day)		0.329							0.329

Description – TOU-DR-CARE	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer:</b>									
On-Peak	0.02943	0.08112 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.14557	0.27137
Semi-Peak	0.02943	0.08112 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.14557	0.27137
Off-Peak	0.02943	0.08112 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.14557	0.27137
Baseline Allowance Credit								(0.22270)	(0.22270)
101% - 130% of Baseline Allowance Credit								(0.19698)	(0.19698)
<b>Winter:</b>									
On-Peak	0.02943	0.08112 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.17649	0.30229 R
Semi-Peak	0.02943	0.08112 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.17649	0.30229 R
Off-Peak	0.02943	0.08112 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.17649	0.30229 R
Baseline Allowance Credit								(0.20489)	(0.20489)
101% - 130% of Baseline Allowance Credit								(0.18123)	(0.18123)
Minimum Bill (\$/day)		0.164							0.164

(Continued)

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**SCHEDULE TOU-DR**  
**RESIDENTIAL - TIME OF USE SERVICE**

Sheet 4

RATES (Continued)

UDC Rates: (Continued)

Description – TOU-DR-MB	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer:</b>									
On-Peak	0.02943	0.08367 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.00001	0.12836
Semi-Peak	0.02943	0.08367 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.00001	0.12836
Off-Peak	0.02943	0.08367 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.00001	0.12836
Baseline Allowance Credit								(0.09928)	(0.09928)
101% -130% of Baseline Allowance Credit								(0.07606)	(0.07606)
<b>Winter:</b>									
On-Peak	0.02943	0.08367 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.04300	0.17135
Semi-Peak	0.02943	0.08367 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.04300	0.17135
Off-Peak	0.02943	0.08367 R	0.01241	0.00052	0.00180	0.00039	0.00013 R	0.04300	0.17135
Baseline Allowance Credit								(0.09135)	(0.09135)
101% - 130% of Baseline Allowance Credit								(0.06999)	(0.06999)
Minimum Bill (\$/day)		0.164							0.164

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 per kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00058 per kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00473 per kWh.

Minimum Bill

The minimum bill is calculated as the minimum bill charge of \$0.329 per day times the number of days in the billing cycle with a 50% discount applied for CARE, Medical Baseline, or Family Electric Rate Assistance Program (FERA) customers resulting in a minimum bill charge of \$0.164 per day.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) the Total Rate Adjustment Component (TRAC).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1-Definitions.

Customers taking service under this Schedule may be eligible for a California Alternate Rates for Energy (CARE) discount on their bill, if they qualify to receive service under the terms and conditions of Schedule E-CARE. In addition, qualified CARE customers are exempt from paying the CARE surcharge of \$0.00655 per kWh.

Customers that are eligible and receive both CARE and medical baseline will be given the additional medical baseline allotment for which they qualify and will receive the total effective CARE discounts identified in Schedule E-CARE.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this Schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

(Continued)





**SCHEDULE DR-SES**

Sheet 1

DOMESTIC TIME-OF-USE FOR HOUSEHOLDS WITH A SOLAR ENERGY SYSTEM

APPLICABILITY

Service under this schedule is available on a voluntary basis for individually metered residential customers with Solar Energy Systems. Service is limited to individually metered residential customers with a Solar Energy System with domestic service for lighting, heating, cooking, water heating, and power, or combination thereof, in single family dwellings and flats. Qualifying California Alternative Rates for Energy (CARE) customers are eligible for service on this schedule, as further described under Special Condition 8 of this schedule.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(17.44) per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

**Total Rates:**

Description – DR-SES Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<u>Energy Charges (\$/kWh)</u>				
On-Peak – Summer	0.12835	0.00539	0.33023	0.46397
Semi-Peak – Summer	0.12835	0.00539	0.09530	0.22904
Off-Peak – Summer	0.12835	0.00539	0.07332	0.20706
Semi-Peak – Winter	0.12835	0.00539	0.08159	0.21533
Off-Peak – Winter	0.12835	0.00539	0.06826	0.20200
Minimum Bill (\$/day)	0.329			0.329

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00021) that customers receive on their monthly bills.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

UDC Rates

Description-DR-SES	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Energy Charges (\$/kWh)</u>									
On-Peak – Summer	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.00000	0.12835
Semi-Peak – Summer	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.00000	0.12835
Off-Peak - Summer	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.00000	0.12835
Semi-Peak - Winter	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.00000	0.12835
Off-Peak - Winter	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.00000	0.12835
Minimum Bill (\$/day)		0.329							0.329

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**SCHEDULE DR-SES**

Sheet 3

DOMESTIC TIME-OF-USE FOR HOUSEHOLDS WITH A SOLAR ENERGY SYSTEM

SPECIAL CONDITIONS

1. Voltage. Service under this schedule will be supplied at the standard lighting voltage.
2. Welder Service. Service under this schedule will be supplied to a welder load of 2.9 kVA or less at 240 volts, and to 0.5 kVA or less at 120 volts. Welders will be rated in accordance with Rule 2.F.1.
3. Metering. The Utility will supply, own, and maintain all necessary meters and associated equipment utilized for billings. In addition, and for purposes of monitoring customer load, the Utility may install at its expense, load research metering. The customer shall supply, at no expense to the Utility, a suitable location for meters and associated equipment used for billing and for load research.
4. Failure of Meter Timing. Usage will be estimated as defined in Rule 18 under "Estimated Usage".
5. Terms of Service. All current and future customers occupying the premise where the Solar Energy System is installed are required to enter into an interconnection agreement with SDG&E per the requirements of Rule 21 if they continue service on Schedule DR-SES. If a customer elects to discontinue service on Schedule DR-SES, the customer will not be permitted to return to Schedule DR-SES for a period of 12 consecutive months.
6. Opt-Out Provision. During their initial term of service, DR-SES customers may elect to opt-out and receive service under their otherwise applicable rate schedule (OAR). A customer must exercise this option within 90 days of receiving their first bill for DR-SES service, or within 90 days of the effective date of this tariff provision (July 24, 2008), whichever is applicable. In the event that a customer chooses to opt-out, the change shall become effective on the first regularly scheduled meter read date following the receipt of notice by the Utility.
7. Qualification for Schedule DR-SES. Customers taking service under Schedule DR-SES must demonstrate eligibility pursuant to Special Condition 13.
8. CARE Customers. Customers taking service under this schedule may be eligible for a CARE discount on their bill, which for bundled customers primarily includes (1) a volumetric (per kWh) discount combining the sum of (a) the Utility Distribution Company (UDC) rate exclusive of CARE-specific PPP charges embedded within the UDC rate, as shown on this schedule, and (b) the Electric Energy Commodity Cost rate as shown on Schedule EECC, plus (2) the fixed monthly meter charge as shown on this schedule, if they qualify to receive service under the terms and conditions of Schedule E-CARE. In addition, qualified CARE customers are exempt from paying the CARE surcharge of \$0.00655 per kWh.
9. Net Energy Billing. Schedule DR-SES shall be billed in combination with Schedule NEM, provided that Schedule NEM is applicable.

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**SCHEDULE E-CARE**

CALIFORNIA ALTERNATE RATES FOR ENERGY

DISCOUNT (Continued)

For CARE Medical Baseline customers taking electric service on one of the following Utility Distribution Company (UDC) tiered rate schedules (Schedule DR, Schedule DS, Schedule DT, Schedule DT-RV, Schedule DR-TOU, or Schedule TOU-DR), the average effective discount will consist of (a) rate subsidies associated with Medical Baseline tiered rates pursuant to D.15-07-001, (b) exemptions from paying the CARE Surcharge, DWR-BC, and CSI; (c) 50% minimum bill consistent with Non-CARE medical baseline customers; and (d) separate line-item bill discount of 26% beginning September 1, 2015 that will decrease 1% each year through 2020. The average effective discounts for CARE Medical Baseline customers on tiered rate schedules in 2015 are shown in the table below:

CARE Medical Baseline Average Effective CARE Discount	Tier 1: Baseline Usage	Tier 2: 100%-130% of Baseline Usage	Tier 3: Above 130% of Baseline Usage
Schedules DR, DS, DT or DT-RV	41%	40%	55%
Schedule DR-TOU	40%	39%	55%
Schedule TOU-DR	40%	39%	54%

The line-item bill discounts will be applied to the total bill (less any minimum bill amount) as calculated for bundled service customers.

- 2.) **Non-Residential CARE:** Qualified non-residential CARE living facilities will receive a CARE line-item bill discount on all customer, demand, and energy charges on their otherwise applicable service schedule. The discount will be applied to the total bill as calculated for bundled service customers. In addition, the customer will be: (a) exempt from paying the CARE Surcharge, DWR-BC, and CSI; and (b) receive an additional discount by paying reduced Schedule E-LI commodity rates under Schedule EECC, Electric Energy Commodity Costs.

The CARE Surcharge is currently 0.00655 per kWh.

(Continued)



**SCHEDULE DM**

Sheet 1

MULTI-FAMILY SERVICE  
(CLOSED SCHEDULE)

APPLICABILITY

This schedule is applicable to service for domestic lighting, heating, cooking, water heating, and power service supplied to multi-family accommodations through one meter on a single premises in accordance with the provisions of Rule 19. This schedule was closed to new installations, except for residential hotels, on June 13, 1978.

Multi-family accommodations built prior to June 13, 1978 and served under this Schedule may also be eligible for service under Schedule DS. If an eligible multi-family accommodation or residential hotel served under this Schedule converts to an applicable submetered tariff, the tenant rental charges shall be revised for the duration of the lease to reflect the removal of the energy related charges.

Non-profit group living facilities taking service under this schedule may be eligible for a California Alternate Rates for Energy (CARE) discount on their bill, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE. Agricultural Employee Housing Facilities, as defined in Schedule E-CARE, may qualify for a CARE discount on the bill if all eligibility criteria set forth in Form 142-4032 or Form 142-4035 is met. Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(17.44) per Schedule GHG-ARR.

The rates for CARE and Medical Baseline customers are identified in the rates tables below as DM-CARE and DM-MB rates, respectively.

TERRITORY

Within the entire territory served by the utility.

**Total Rates:**

Description - DM Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer:</b>				
Baseline Energy (\$/kWh)	0.05122	0.00539	0.12965 R	0.18626 R
101% to 130% of Baseline	0.07694	0.00539	0.12965 R	0.21198 R
Above 130% of Baseline	0.27392	0.00539	0.12965 R	0.40896 R
<b>Winter:</b>				
Baseline Energy (\$/kWh)	0.09995	0.00539	0.06604 R	0.17138 R
101% to 130% of Baseline	0.12361	0.00539	0.06604 R	0.19504 R
Above 130% of Baseline	0.30484	0.00539	0.06604 R	0.37627 R
Minimum Bill (\$/day)	0.329			0.329

Description -DM-CARE Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – CARE Rates:</b>				
Baseline Energy (\$/kWh)	0.04867	0.00000	0.12965 R	0.17832 R
101% to 130% of Baseline	0.07439	0.00000	0.12965 R	0.20404 R
Above 130% of Baseline	0.27137	0.00000	0.12965 R	0.40102 R
<b>Winter – CARE Rates:</b>				
Baseline Energy (\$/kWh)	0.09740	0.00000	0.06604 R	0.16344 R
101% to 130% of Baseline	0.12106	0.00000	0.06604 R	0.18710 R
Above 130% of Baseline	0.30229	0.00000	0.06604 R	0.36833 R
Minimum Bill (\$/day)	0.164			0.164

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**SCHEDULE DM**

Sheet 2

**MULTI-FAMILY SERVICE  
(CLOSED SCHEDULE)**

RATES (Continued)

Description – DM MB Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – MB Rates:</b>				
Baseline Energy (\$/kWh)	0.02908	0.00000	0.12965	0.15873
101% to 130% of Baseline	0.05230	0.00000	0.12965	0.18195
Above 130% of Baseline	0.12836	0.00000	0.12965	0.25801
<b>Winter – MB Rates:</b>				
Baseline Energy (\$/kWh)	0.08000	0.00000	0.06604	0.14604
101% to 130% of Baseline	0.10136	0.00000	0.06604	0.16740
Above 130% of Baseline	0.17135	0.00000	0.06604	0.23739
Minimum Bill (\$/day)	0.164			0.164

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00021) that customers receive on their monthly bills.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

UDC Rates:

Description – DM	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer:</b>									
Baseline Energy (\$/kWh)	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	(0.07713)	0.05122
101% - 130% of Baseline	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	(0.05141)	0.07694
Above 130% of Baseline	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.14557	0.27392
<b>Winter:</b>									
Baseline Energy (\$/kWh)	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	(0.02840)	0.09995
101% - 130% of Baseline	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	(0.00474)	0.12361
Above 130% of Baseline	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.17649	0.30484
Minimum Bill (\$/day)	0.329								0.329
<b>DM - CARE Rates</b>									
<b>Summer:</b>									
Baseline Energy (\$/kWh)	0.02943	0.08112	0.01241	0.00052	0.00180	0.00039	0.00013	(0.07713)	0.04867
101% - 130% of Baseline	0.02943	0.08112	0.01241	0.00052	0.00180	0.00039	0.00013	(0.05141)	0.07439
Above 130% of Baseline	0.02943	0.08112	0.01241	0.00052	0.00180	0.00039	0.00013	0.14557	0.27137
<b>Winter:</b>									
Baseline Energy (BL)	0.02943	0.08112	0.01241	0.00052	0.00180	0.00039	0.00013	(0.02840)	0.09740
101% - 130% of Baseline	0.02943	0.08112	0.01241	0.00052	0.00180	0.00039	0.00013	(0.00474)	0.12106
Above 130% of Baseline	0.02943	0.08112	0.01241	0.00052	0.00180	0.00039	0.00013	0.17649	0.30229
Minimum Bill (\$/day)	0.164								0.164

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**SCHEDULE DM**

Sheet 3

MULTI-FAMILY SERVICE  
(CLOSED SCHEDULE)

RATES (Continued)

Description – DM MB Rate	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total	
<b>Summer – MB Rates:</b>										
Baseline Energy (\$/kWh)	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.09927)	0.02908	
101% to 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.07605)	0.05230	
Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.00001	0.12836	
<b>Winter – MB Rates:</b>										
Baseline Energy (\$/kWh)	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.04835)	0.08000	
101% to 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.02699)	0.10136	
Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.04300	0.17135	
Minimum Bill (\$/day)			0.164						0.164	

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00058 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00473 /kWh.

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**SCHEDULE DS**

Sheet 1

SUBMETERED MULTI-FAMILY SERVICE

APPLICABILITY

This schedule is applicable to service for domestic lighting, heating, cooking, water heating, and power service supplied to multi-family accommodations other than in a mobilehome park through one meter on a single premises and submetered to all individual tenants in accordance with the provisions of Rule 19. This schedule was closed to new installations on December 13, 1981.

Pursuant to D.05-05-026, dated May 26, 2005, any building constructed for or converted to residential use prior to December 13, 1981 or served on Schedule DM prior to December 13, 1981, or any non-residential building converted to residential use after December 13, 1981 for which the conversion did not require a building permit, shall be eligible to take service under this Schedule if submeters are installed in the building. Any building constructed for residential use or converted to residential use for which a building permit was required on or after July 1, 1982, must be separately metered by the Utility and is not eligible for service under this Schedule. The rates for CARE and Medical Baseline customers are identified in the rates tables below as DS-CARE and DS-MB rates, respectively.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(17.44) per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

**Total Rates:**

Description - DS Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer:</b>				
Baseline Energy (\$/kWh)	0.05122	0.00539	0.12965	0.18626
101% to 130% of Baseline	0.07694	0.00539	0.12965	0.21198
Above 130% of Baseline	0.27392	0.00539	0.12965	0.40896
<b>Winter:</b>				
Baseline Energy (\$/kWh)	0.09995	0.00539	0.06604	0.17138
101% to 130% of Baseline	0.12361	0.00539	0.06604	0.19504
Above 130% of Baseline	0.30484	0.00539	0.06604	0.37627
Unit Discount (\$/day)	(0.130)			(0.130)
Minimum Bill (\$/day)	0.329			0.329

Description - DS CARE Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer - CARE Rates:</b>				
Baseline Energy (\$/kWh)	0.04867	0.00000	0.12965	0.17832
101% to 130% of Baseline	0.07439	0.00000	0.12965	0.20404
Above 130% of Baseline	0.27137	0.00000	0.12965	0.40102
<b>Winter - CARE Rates:</b>				
Baseline Energy (\$/kWh)	0.09740	0.00000	0.06604	0.16344
101% to 130% of Baseline	0.12106	0.00000	0.06604	0.18710
Above 130% of Baseline	0.30229	0.00000	0.06604	0.36833
Unit Discount (\$/day)	(0.130)			(0.130)
Minimum Bill (\$/day)	0.164			0.164

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**SCHEDULE DS**  
**SUBMETERED MULTI-FAMILY SERVICE**

Sheet 2

RATES (Continued)

Description – DS MB Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – MB Rates:</b>				
Baseline Energy (\$/kWh)	0.02908	0.00000	0.12965	0.15873
101% to 130% of Baseline	0.05230	0.00000	0.12965	0.18195
Above 130% of Baseline	0.12836	0.00000	0.12965	0.25801
<b>Winter – MB Rates:</b>				
Baseline Energy (\$/kWh)	0.08000	0.00000	0.06604	0.14604
101% to 130% of Baseline	0.10136	0.00000	0.06604	0.16740
Above 130% of Baseline	0.17135	0.00000	0.06604	0.23739
Unit Discount (\$/day)	(0.130)			(0.130)
Minimum Bill (\$/day)	0.164			0.164

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00021) that customers receive on their monthly bills.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

UDC Rates:

Description – DS Rates	Trans	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer:</b>									
Baseline Energy	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.07713)	0.05122
101% -130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.05141)	0.07694
Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.14557	0.27392
<b>Winter:</b>									
Baseline Energy	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.02840)	0.09995
101% - 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.00474)	0.12361
Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.17649	0.30484
Minimum Bill (\$/day)		0.329							0.329
<b>DS – CARE Rates</b>									
<b>Summer:</b>									
Baseline Energy CARE*	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.07713)	0.04867
101% - 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.05141)	0.07439
Above 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.14557	0.27137
<b>Winter:</b>									
Baseline Energy CARE*	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.02840)	0.09740
101% -130% of Baseline **	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.00474)	0.12106
Above 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.17649	0.30229
Unit Discount (\$/day)		(0.130)							(0.130)
Minimum Bill (\$/day)		0.164							0.164

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**SCHEDULE DS**

Sheet 3

SUBMETERED MULTI-FAMILY SERVICE

RATES (Continued)

Description –DS MB Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer – MB Rates:</b>									
Baseline Energy (\$/kWh)	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.09927)	0.02908
101% to 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.07605)	0.05230
Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.00001	0.12836
<b>Winter – MB Rates:</b>									
Baseline Energy (\$/kWh)	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.04835)	0.08000
101% to 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.02699)	0.10136
Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.04300	0.17135
Unit Discount (\$/Day)			(0.130)						(0.130)
Minimum Bill (\$/day)			0.164						0.164

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00058 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00473 /kWh.

\*Applicable to the baseline quantities determined from the residential dwelling units that qualify for California Alternate Rates for Energy (CARE) discounted rates as low-income households under the provisions of Schedule E-CARE.

\*\*Applicable to the non-baseline quantities determined from the residential dwelling units that are low-income households.

The Non-Baseline rates are for energy used in excess of the baseline allowance.

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**SCHEDULE DS**

Sheet 4

SUBMETERED MULTI-FAMILY SERVICE

RATES (Continued)

Minimum Bill

The minimum bill is calculated as the minimum bill charge of \$0.329 per day times the number of days in the billing cycle with a 50% discount applied for CARE, Medical Baseline, or Family Electric Rate Assistance Program (FERA) customers resulting in a minimum bill charge of \$0.164 per day.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1-Definitions.

Customers receive a per dwelling unit discount (\$/day) that will be limited in any monthly bill to the distribution rate portion of the customer's bill.

Customers that are eligible and receive both CARE and medical baseline will be given the additional medical baseline allotment for which they qualify and will receive the total effective CARE discounts identified in Schedule E-CARE.

CARE Discount

A CARE discount will be applied to all electric charges billed on this schedule to qualified CARE customers as set forth in Schedule E-CARE. In addition, eligible customers on this schedule will be exempt from paying the CARE surcharge of \$0.00655 per kWh. Customers receiving service under this schedule shall comply with the provisions of Public Utilities Code 739.5 in providing service to their submetered tenants.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

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**SCHEDULE DT**

Sheet 1

**SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK**  
**(Closed Schedule)**

**APPLICABILITY**

This schedule is applicable to service for domestic lighting, heating, cooking, water heating, and power service supplied to multi-family accommodations in a mobilehome park through one meter on a single premises and submetered to all individual tenants in accordance with the provisions of Rule 19. This schedule is closed to new mobilehome parks or manufactured housing communities for which construction has commenced after January 1, 1997. The rates for CARE and Medical Baseline customers are identified in the rates tables below as DT-CARE and DT-MB rates.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(17.44) per Schedule GHG-ARR.

**TERRITORY**

Within the entire territory served by the utility.

**RATES**

**Total Rates:**

Description - DT Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer:</b>				
Baseline Energy (\$/kWh)	0.05122	0.00539	0.12965 R	0.18626 R
101% to 130% of Baseline	0.07694	0.00539	0.12965 R	0.21198 R
Above 130% of Baseline	0.27392	0.00539	0.12965 R	0.40896 R
<b>Winter:</b>				
Baseline Energy (\$/kWh)	0.09995	0.00539	0.06604 R	0.17138 R
101% to 130% of Baseline	0.12361	0.00539	0.06604 R	0.19504 R
Above 130% of Baseline	0.30484	0.00539	0.06604 R	0.37627 R
Space Discount (\$/day)	(0.272)			(0.272)
Minimum Bill (\$/day)	0.329			0.329

Description - DT-CARE Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer - CARE Rates:</b>				
Baseline Energy (\$/kWh)	0.04867	0.00000	0.12965 R	0.17832 R
101% to 130% of Baseline	0.07439	0.00000	0.12965 R	0.20404 R
Above 130% of Baseline	0.27137	0.00000	0.12965 R	0.40102 R
<b>Winter - CARE Rates:</b>				
Baseline Energy (\$/kWh)	0.09740	0.00000	0.06604 R	0.16344 R
101% to 130% of Baseline	0.12106	0.00000	0.06604 R	0.18710 R
Above 130% of Baseline	0.30229	0.00000	0.06604 R	0.36833 R
Space Discount (\$/day)	(0.272)			(0.272)
Minimum Bill (\$/day)	0.164			0.164

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**SCHEDULE DT**

Sheet 2

**SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK**  
**(Closed Schedule)**

Description – DT MB Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer–MB Rates:</b>				
Baseline Energy (\$/kWh)	0.02908	0.00000	0.12965 R	0.15873 R
101% to 130% of Baseline	0.05230	0.00000	0.12965 R	0.18195 R
Above 130% of Baseline	0.12836	0.00000	0.12965 R	0.25801 R
<b>Winter – MB Rates:</b>				
Baseline Energy (\$/kWh)	0.08000	0.00000	0.06604 R	0.14604 R
101% to 130% of Baseline	0.10136	0.00000	0.06604 R	0.16740 R
Above 130% of Baseline	0.17135	0.00000	0.06604 R	0.23739 R
Space Discount (\$/day)	(0.272)			(0.272)
Minimum Bill (\$/day)	0.164			0.164

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00021) that customers receive on their monthly bills.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

**UDC Rates:**

Description – DT Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer:</b>									
Baseline Energy	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.07713)	0.05122
101% to 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.05141)	0.07694
Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.14557	0.27392
<b>Winter:</b>									
Baseline Energy	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.02840)	0.09995
101% to 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.00474)	0.12361
Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.17649	0.30484
Minimum Bill (\$/day)		0.329							0.329
<b>DT – CARE Rates</b>									
<b>Summer:</b>									
Baseline Energy CARE*	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.07713)	0.04867
101% to 130% of Baseline**	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.05141)	0.07439
Above 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.14557	0.27137
<b>Winter:</b>									
Baseline Energy CARE*	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.02840)	0.09740
101% to 130% of Baseline**	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.00474)	0.12106
Above 130% of Baseline	0.02943	0.08112	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.17649	0.30229
Space Discount (\$/day)		(0.272)							(0.272)
Minimum Bill (\$/day)		0.164							0.164

(Continued)



**SCHEDULE DT**

Sheet 3

**SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK**

RATES (Continued)

Description –DT - MB Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer – MB Rates</b>									
Baseline Energy (\$/kWh)	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.09927)	0.02908
101% to 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.07605)	0.05230
Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.00001	0.12836
<b>Winter – MB Rates</b>									
Baseline Energy (\$/kWh)	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.04835)	0.08000
101% to 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.02699)	0.10136
Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.04300	0.17135
Space Discount (\$/day)			(0.272)						(0.272)
Minimum Bill (\$/day)			0.164						0.164

**Notes:** Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00058 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00473 /kWh.

\*Applicable to the baseline quantities determined from the mobilehome spaces utilizing service that are low-income households.

\*\*Applicable to the non-baseline quantities determined from the mobilehome spaces utilizing service that qualify for California Alternate Rates for Energy (CARE) discounted rates as low-income households under the provisions of Schedule E-CARE.

The Non-Baseline rates are for energy used in excess of the baseline allowance.

(Continued)

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**SCHEDULE DT**

Sheet 4

SUBMETERED MULTI-FAMILY SERVICE - MOBILEHOME PARK

RATES (Continued)

Minimum Bill

The minimum bill is calculated as the minimum bill charge of \$0.329 per day times the number of days in the billing cycle with a 50% discount applied for CARE, Medical Baseline, or Family Electric Rate Assistance Program (FERA) customers resulting in a minimum bill charge of \$0.164 per day.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1-Definitions.

Customers receive a per dwelling space discount (\$/day) that will be limited in any monthly bill to the distribution rate portion of the customer's bill.

Customers that are eligible and receive both CARE and medical baseline will be given the additional medical baseline allotment for which they qualify and will receive the total effective CARE discounts identified in Schedule E-CARE.

CARE Discount

A CARE discount will be applied to all electric charges billed on this schedule to qualified CARE customers as set forth in Schedule E-CARE. In addition, eligible customers on this schedule will be exempt from paying the CARE surcharge of \$0.00655 per kWh. Customers receiving service under this schedule shall comply with the provisions of Public Utilities Code 739.5 in providing service to their submetered tenants.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

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**SCHEDULE DT-RV**

Sheet 1

SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS

APPLICABILITY

This schedule is applicable to service for domestic lighting, heating, cooking, water heating, and power supplied to qualifying residents of recreational vehicle (RV) parks and residential marinas through one meter on a single premises and submetered to all RV park and residential marina tenants in accordance with the provisions of Rule 19. The rates for CARE and Medical Baseline customers are identified in the rates tables below as DT-RV-CARE and DT-RV-MB rates, respectively.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(17.44) per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

**Total Rates:**

Description – DT-RV Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer:</b>				
Baseline Energy (\$/kWh)	0.05122 I	0.00539 I	0.12965 R	0.18626 R
101% to 130% of Baseline	0.07694 I	0.00539 I	0.12965 R	0.21198 R
Above 130% of Baseline	0.27392 I	0.00539 I	0.12965 R	0.40896 R
<b>Winter:</b>				
Baseline Energy (\$/kWh)	0.09995 I	0.00539 I	0.06604 R	0.17138 R
101% to 130% of Baseline	0.12361 I	0.00539 I	0.06604 R	0.19504 R
Above 130% of Baseline	0.30484 R	0.00539 I	0.06604 R	0.37627 R
Minimum Bill (\$/day)	0.329			0.329

Description –DT-RV CARE Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – CARE Rates:</b>				
Baseline Energy (\$/kWh)	0.04867 I	0.00000	0.12965 R	0.17832 R
101% to 130% of Baseline	0.07439 I	0.00000	0.12965 R	0.20404 R
Above 130% of Baseline	0.27137 I	0.00000	0.12965 R	0.40102 R
<b>Winter – CARE Rates:</b>				
Baseline Energy (\$/kWh)	0.09740 I	0.00000	0.06604 R	0.16344 R
101% to 130% of Baseline	0.12106 I	0.00000	0.06604 R	0.18710 R
Above 130% of Baseline	0.30229 R	0.00000	0.06604 R	0.36833 R
Minimum Bill (\$/day)	0.164			0.164

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**SCHEDULE DT-RV**

Sheet 2

**SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS**

Description - DT-RV MB Rate	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
<b>Summer – MB Rates:</b>				
Baseline Energy (\$/kWh)	0.02908	0.00000	0.12965	0.15873
101% to 130% of Baseline	0.05230	0.00000	0.12965	0.18195
Above 130% of Baseline	0.12836	0.00000	0.12965	0.25801
<b>Winter – MB Rates:</b>				
Baseline Energy (\$/kWh)	0.08000	0.00000	0.06604	0.14604
101% to 130% of Baseline	0.10136	0.00000	0.06604	0.16740
Above 130% of Baseline	0.17135	0.00000	0.06604	0.23739
Minimum Bill (\$/day)	0.164			0.164

Note:

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00021) that customers receive on their monthly bills.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

**UDC Rates:**

Description – DT-RV Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Summer:</b>									
Baseline Energy	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	(0.07713)	0.05122
101% to 130% of Baseline	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	(0.05141)	0.07694
Above 130% of Baseline	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.14557	0.27392
<b>Winter:</b>									
Baseline Energy	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	(0.02840)	0.09995
101% to 130% of Baseline	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	(0.00474)	0.12361
Above 130% of Baseline	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.17649	0.30484
Minimum Bill (\$/day)	0.329								0.329
<b>DT-RV CARE Rates</b>									
<b>Summer:</b>									
Baseline Energy CARE*	0.02943	0.08112	0.01241	0.00052	0.00180	0.00039	0.00013	(0.07713)	0.04867
101% to 130% of Baseline**	0.02943	0.08112	0.01241	0.00052	0.00180	0.00039	0.00013	(0.05141)	0.07439
Above 130% of Baseline	0.02943	0.08112	0.01241	0.00052	0.00180	0.00039	0.00013	0.14557	0.27137
<b>Winter:</b>									
Baseline Energy CARE*	0.02943	0.08112	0.01241	0.00052	0.00180	0.00039	0.00013	(0.02840)	0.09740
101% to 130% of Baseline**	0.02943	0.08112	0.01241	0.00052	0.00180	0.00039	0.00013	(0.00474)	0.12106
Above 130% of Baseline	0.02943	0.08112	0.01241	0.00052	0.00180	0.00039	0.00013	0.17649	0.30229
Minimum Bill (\$/day)	0.164								0.164

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**SCHEDULE DT-RV**

Sheet 3

SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS

RATES (Continued)

Description –DT-RV MB Rates	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Summer – MB Rates									
Baseline Energy (\$/kWh)	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.09927)	0.02908
101% to 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.07605)	0.05230
Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.00001	0.12836
Winter – MB Rates									
Baseline Energy (\$/kWh)	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.04835)	0.08000
101% to 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R (0.02699)	0.10136
Above 130% of Baseline	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.04300	0.17135
Minimum Bill (\$/day)	0.164								0.164

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00058 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00473 /kWh.

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**SCHEDULE DT-RV**

Sheet 4

SUBMETERED SERVICE - RECREATIONAL VEHICLE PARKS AND RESIDENTIAL MARINAS

RATES (Continued)

\* The baseline quantity to be billed under the Baseline and Non-Baseline rates for the RV spaces and marina boat slips/berths utilizing service that are low-income households shall be determined under the provisions of Special Condition 8. The baseline quantity will be calculated by multiplying the applicable baseline quantities by the number of occupied submetered qualifying RV spaces and marina boat slips/berths.

\*\* If any tenants in a submetered qualifying RV park or residential marina qualify as low-income households under the provisions of Schedule E-CARE, the baseline quantity shall be prorated among the applicable California Alternate Rates for Energy (CARE) Baseline rate and the Regular Baseline rate according to the proportion of qualifying and non-qualifying spaces or slips/berths. Non-Baseline usage, if applicable, shall be prorated among the applicable CARE Non-Baseline rate and the Regular Non-Baseline rate according to the same proportion as the baseline quantity.

The Non-Baseline rates are for energy used in excess of the baseline allowance.

Minimum Bill

The minimum bill is calculated as the minimum bill charge of \$0.329 per day times the number of days in the billing cycle with a 50% discount applied for CARE, Medical Baseline, or Family Electric Rate Assistance Program (FERA) customers resulting in a minimum bill charge of \$0.164 per day.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1-Definitions.

Customers that are eligible and receive both CARE and medical baseline will be given the additional medical baseline allotment for which they qualify, and will receive the total effective CARE discounts identified in Schedule E-CARE.

CARE Discount

A CARE discount will be applied to all CARE electric charges billed on this schedule. In addition, eligible customers on this schedule will be exempt from paying the CARE surcharge of \$0.00655 per kWh. Customers receiving service under this schedule shall comply with the provisions of Public Utilities Code Section 739.5 in providing service to low-income tenants under the provisions of Schedule E-CARE of the Utility's tariffs.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

(Continued)



**SCHEDULE EV-TOU**

Sheet 1

DOMESTIC TIME-OF-USE FOR ELECTRIC VEHICLE CHARGING

APPLICABILITY

Optionally available to domestic service for charging of a currently registered Motor Vehicle, as defined by the California Motor Vehicle Code, which is: 1) a battery electric vehicle (BEV) or plug-in hybrid electric vehicle (PHEV) recharged via a recharging outlet at the customer's premises; or, 2) a natural gas vehicle (NGV) refueled via a home refueling appliance (HRA) at the customer's premises. This schedule is not available to customers with a conventional charge sustaining (battery recharged solely from the vehicle's on-board generator) hybrid electric vehicle (HEV).

TERRITORY

Within the entire territory served by the utility.

RATES

Total Rates:

Description – EV-TOU Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
Energy Charges (\$/kWh)				
On-Peak – Summer	0.12835	0.00539	0.32340 R	0.45714 R
Off-Peak – Summer	0.12835	0.00539	0.08532 R	0.21906 R
Super Off-Peak – Summer	0.12835	0.00539	0.04263 R	0.17637 R
On-Peak – Winter	0.12835	0.00539	0.08384 R	0.21758 R
Off-Peak – Winter	0.12835	0.00539	0.07376 R	0.20750 R
Super Off-Peak - Winter	0.12835	0.00539	0.05368 R	0.18742 R
Minimum Bill (\$/day)	0.329			0.329

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00021) that customers receive on their monthly bills.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

UDC Rates:

Description – EV-TOU	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Energy Charges (\$/kWh)									
On-Peak – Summer	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.00000	0.12835
Off-Peak – Summer	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.00000	0.12835
Super Off-Peak – Summer	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.00000	0.12835
On-Peak – Winter	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.00000	0.12835
Off-Peak – Winter	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.00000	0.12835
Super Off-Peak - Winter	0.02943	0.08367	R 0.01241	0.00052	0.00180	0.00039	0.00013	R 0.00000	0.12835
Minimum Bill (\$/day)		0.329							0.329

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00058 kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00473 /kWh.

(Continued)



**SCHEDULE EV-TOU-2**

Sheet 1

**DOMESTIC TIME-OF-USE FOR HOUSEHOLDS WITH ELECTRIC VEHICLES**

**APPLICABILITY**

Service under this schedule is specifically limited to customers who require service for charging of a currently registered Motor Vehicle, as defined by the California Motor Vehicle Code, which is: 1) a battery electric vehicle (BEV) or plug-in hybrid electric vehicle (PHEV) recharged via a recharging outlet at the customer's premises; or 2) a natural gas vehicle (NGV) refueled via a home refueling appliance (HRA) at the customer's premises. This schedule is not available to customers with a conventional charge sustaining (battery recharged solely from the vehicle's on-board generator) hybrid electric vehicle (HEV).

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(17.44) per Schedule GHG-ARR.

**TERRITORY**

Within the entire territory served by the utility.

**RATES**

**Total Rates:**

Description – EV-TOU-2 Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
Energy Charges (\$/kWh)				
On-Peak – Summer	0.12835	0.00539	0.32422	0.45796
Off-Peak – Summer	0.12835	0.00539	0.08820	0.22194
Super Off-Peak – Summer	0.12835	0.00539	0.04261	0.17635
On-Peak – Winter	0.12835	0.00539	0.08049	0.21423
Off-Peak – Winter	0.12835	0.00539	0.07661	0.21035
Super Off-Peak - Winter	0.12835	0.00539	0.05366	0.18740
Minimum Bill (\$/day)	0.329			0.329

- Total Rates consist of UDC, Schedule DWR-BC (Department of Water Resources Bond Charge), and Schedule EECC (Electric Energy Commodity Cost) rates, with the EECC rates reflecting a DWR Credit of \$(0.00021) that customers receive on their monthly bills.
- Total Rates presented are for customers that receive commodity supply and delivery service from Utility. Differences in total rates paid by Direct Access (DA) and Community Choice Aggregation (CCA) customers are identified in Schedule DA-CRS and CCA-CRS, respectively.
- DWR-BC charges do not apply to CARE or Medical Baseline customers.

**UDC Rates**

Description - EV-TOU-2	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Energy Charges (\$/kWh)									
On-Peak – Summer	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.00000	0.12835
Off-Peak – Summer	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.00000	0.12835
Super Off-Peak – Summer	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.00000	0.12835
On-Peak – Winter	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.00000	0.12835
Off-Peak – Winter	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.00000	0.12835
Super Off-Peak - Winter	0.02943	0.08367	0.01241	0.00052	0.00180	0.00039	0.00013	0.00000	0.12835
Minimum Bill (\$/day)		0.329							0.329

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00058 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00473 /kWh.

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**SCHEDULE A**

Sheet 1

GENERAL SERVICE  
(Closed Schedule)

APPLICABILITY

This schedule is closed to new customers effective November 1, 2015.

Applicable to general service including lighting, appliances, heating, and power, or any combination thereof, including common use. This Schedule is not applicable to residential customers, except for those three-phase residential customers taking service on this schedule as of April 12, 2007 who may remain on this schedule while service continues in their name at the same service address. Those three-phase residential customers remaining on this Schedule who choose to switch to a residential rate schedule may not return to this Schedule. This Schedule is not applicable to any customer whose Maximum Monthly Demand equals, exceeds, or is expected to equal or exceed 20 kW for 12 consecutive months. When demand metering is not available, the monthly consumption cannot equal or exceed 12,000 kWh per month for 12 consecutive months.

Non-profit group living facilities taking service under this schedule may be eligible for a 20% California Alternate Rates for Energy (CARE) discount on their bill, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE.

Agricultural Employee Housing Facilities, as defined in Schedule E-CARE, may qualify for a 20% CARE discount on the bill if all eligibility criteria set forth in Form 142-4032 or Form 142-4035 is met.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00199) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description - A	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Basic Service Fee (\$/mo)									
<b><u>Secondary</u></b>									
0-5 kW		7.00							7.00
>5-20 kW		12.00							12.00
>20-50 kW		20.00							20.00
>50 kW		50.00							50.00
<b><u>Primary</u></b>									
0-5 kW		7.00							7.00
>5-20 kW		12.00							12.00
>20-50 kW		20.00							20.00
>50 kW		50.00							50.00
<b><u>Energy Charge (\$/kWh)</u></b>									
Secondary – Summer	0.03077	0.07307	R 0.01609	I 0.00052	I 0.00186	I 0.00040	I 0.00014	R	0.12285 R
Primary – Summer	0.03077	0.07271	R 0.01609	I 0.00052	I 0.00186	I 0.00040	I 0.00014	R	0.12249 R
Secondary - Winter	0.03077	0.07307	R 0.01609	I 0.00052	I 0.00186	I 0.00040	I 0.00014	R	0.12285 R
Primary - Winter	0.03077	0.07271	R 0.01609	I 0.00052	I 0.00186	I 0.00040	I 0.00014	R	0.12249 R

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**SCHEDULE A**  
**GENERAL SERVICE**

RATES (Continued)

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00066 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00833 /kWh.

Minimum Charge

The minimum charge shall be the Basic Service Fee.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC (Electric Energy Commodity Cost) and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1-Definitions.

Time Periods

Summer: May 1 to October 31  
Winter: November 1 to April 30

Franchise Fee Differential

Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

SPECIAL CONDITIONS

1. Definitions: The Definitions of terms used in this schedule are found either herein or in Rule 1.
2. Basic Service Fee Determination: The basic service fee will be determined each month based on the customer's Maximum Annual Demand. If demand is unavailable, or less than 50% of the 15-minute interval data is available, demand will be derived by dividing the total kilowatt hours by the number days in the billing period times 24 hours.
3. Voltage: Service under this schedule normally will be supplied at a standard available Voltage in accordance with Rule 2.
4. Voltage Regulators: Voltage Regulators, if required by the customer, shall be furnished, installed, owned, and maintained by the customer.
5. Reconnection Charge: Any customer resuming service within twelve months after such service was discontinued will be required to pay all charges which would have been billed if service had not been discontinued.

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**SCHEDULE TOU-A**

Sheet 1

GENERAL SERVICE - TIME OF USE SERVICE

APPLICABILITY

This Schedule is available to general service including lighting, appliances, heating, and power, or any combination thereof, including common use and whose facility is separately metered. In order for this Schedule to take effect, the customer must have "appropriate electric metering" as defined under Special Condition 1 that has been tested and verified according to Utility procedures. This Schedule is not applicable to residential customers, except for those three-phase residential customers taking service on this Schedule as of April 12, 2007 who may remain on this Schedule while service continues in their name at the same service address. Those three-phase residential customers remaining on this Schedule who choose to switch to a residential rate schedule may not return to this Schedule. This Schedule is not applicable to any customer whose Maximum Monthly Demand equals, exceeds, or is expected to equal or exceed 20 kW for 12 consecutive months. This Schedule is the Utility's standard tariff for commercial customers with a demand less than 20 kW. The applicable commodity schedule for customers taking service on this Schedule is EECC-TOU-A-P, unless the customer has noticed its right to opt-out to the Utility. Customers may exercise the right to opt-out of Schedule EECC-TOU-A-P to their otherwise applicable Utility Distribution Company and commodity rates. For opt-out provisions, refer to the Schedule EECC-TOU-A-P.

Non-profit group living facilities taking service under this Schedule may be eligible for a 20% California Alternate Rates for Energy (CARE) discount on their bill, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE.

Agricultural Employee Housing Facilities, as defined in Schedule E-CARE, may qualify for a 20% CARE discount on the bill if all eligibility criteria set forth in Form 142-4032 or Form 142-4035 is met.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00199) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

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**SCHEDULE TOU-A**

Sheet 2

GENERAL SERVICE - TIME OF USE SERVICE

RATES (Continued)

Description TOU-A	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>Basic Service Fee (\$/mo)</b>									
<b>Secondary</b>									
0-5 kW		7.00							7.00
>5-20 kW		12.00							12.00
>20-50 kW		20.00							20.00
>50 kW		50.00							50.00
<b>Primary</b>									
0-5 kW		7.00							7.00
>5-20 kW		12.00							12.00
>20-50 kW		20.00							20.00
>50 kW		50.00							50.00
<b>Energy Charges (\$/kWh)</b>									
<b>On-Peak - Summer</b>									
Secondary	0.03077	I 0.07307	R 0.01609	I 0.00052	I 0.00186	I 0.00040	I 0.00014	R 0.00014	0.12285 R
Primary	0.03077	I 0.07271	R 0.01609	I 0.00052	I 0.00186	I 0.00040	I 0.00014	R 0.00014	0.12249 R
<b>Semi-Peak - Summer</b>									
Secondary	0.03077	I 0.07307	R 0.01609	I 0.00052	I 0.00186	I 0.00040	I 0.00014	R 0.00014	0.12285 R
Primary	0.03077	I 0.07271	R 0.01609	I 0.00052	I 0.00186	I 0.00040	I 0.00014	R 0.00014	0.12249 R
<b>Off-Peak - Summer</b>									
Secondary	0.03077	I 0.07307	R 0.01609	I 0.00052	I 0.00186	I 0.00040	I 0.00014	R 0.00014	0.12285 R
Primary	0.03077	I 0.07271	R 0.01609	I 0.00052	I 0.00186	I 0.00040	I 0.00014	R 0.00014	0.12249 R
<b>On-Peak - Winter</b>									
Secondary	0.03077	I 0.07307	R 0.01609	I 0.00052	I 0.00186	I 0.00040	I 0.00014	R 0.00014	0.12285 R
Primary	0.03077	I 0.07271	R 0.01609	I 0.00052	I 0.00186	I 0.00040	I 0.00014	R 0.00014	0.12249 R
<b>Semi-Peak - Winter</b>									
Secondary	0.03077	I 0.07307	R 0.01609	I 0.00052	I 0.00186	I 0.00040	I 0.00014	R 0.00014	0.12285 R
Primary	0.03077	I 0.07271	R 0.01609	I 0.00052	I 0.00186	I 0.00040	I 0.00014	R 0.00014	0.12249 R
<b>Off-Peak - Winter</b>									
Secondary	0.03077	I 0.07307	R 0.01609	I 0.00052	I 0.00186	I 0.00040	I 0.00014	R 0.00014	0.12285 R
Primary	0.03077	I 0.07271	R 0.01609	I 0.00052	I 0.00186	I 0.00040	I 0.00014	R 0.00014	0.12249 R

**Notes:** Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 per kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00066 per kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00833 per kWh.

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Dec 29, 2015

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**Dan Skopec**

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Jan 1, 2016

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Vice President  
Regulatory Affairs

Resolution No. \_\_\_\_\_





**SCHEDULE A-TC**

Sheet 1

TRAFFIC CONTROL SERVICE

APPLICABILITY

Applicable to local, state or other governmental agencies for service to traffic signal systems utilized 24 hours per day, located on streets, highways or other public thoroughfares. This schedule is closed to new customers with non-residential loads that maintain a minimum annual load factor of at least 90 percent, as demonstrated by load sampling, and to customer owned outdoor area lighting furnished from dusk to dawn where photo cells have been installed on all loads. When served in conjunction with traffic signal systems, this service is also applicable to: attached illuminated traffic directional signs; flashing beacons; aircraft warning obstruction lights; other traffic control devices; transit shelters; and energy-only service to street lights. This schedule is not applicable to any customer whose maximum demand equals, exceeds, or is expected to equal or exceed 20 kW for three (3) consecutive months.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00199) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the utility.

RATES

Description – A-TC	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Basic Service Fee (\$/mo)									
0-5 kW		7.00							7.00
>5 kW		12.00							12.00
Energy Charge (\$/kWh)									
Summer	0.03077	0.05205	R 0.01609	0.00052	0.00186	0.00040	0.00014	R	0.10183 R
Winter	0.03077	0.05205	R 0.01609	0.00052	0.00186	0.00040	0.00014	R	0.10183 R

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) of \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) of \$0.00066 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00833 /kWh.

Minimum Charge

The minimum charge shall be the Basic Service Fee.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC (Electric Energy Commodity Cost) and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1 – Definitions.

(Continued)



San Diego Gas & Electric Company  
San Diego, California

Revised Cal. P.U.C. Sheet No. 26987-E

Canceling Revised Cal. P.U.C. Sheet No. 26482-E

**SCHEDULE AD**

Sheet 1

GENERAL SERVICE - DEMAND METERED

(Closed Schedule)

APPLICABILITY

Applicable to general service including lighting, appliances, heating, and power, or any combination thereof to customers who have received service on this schedule on June 30, 1987. This schedule is not applicable to customers who request service after June 30, 1987, or who qualify for a baseline allowance. This schedule is not applicable to customers whose Maximum Monthly Demand has been less than 20 kW for three consecutive months, or whose Maximum Monthly Demand exceeds 500 kW for three consecutive months. Customers who discontinue service under this schedule cannot subsequently return to Schedule AD. Pursuant to California Public Utilities Commission Decision 14-01-002, this Schedule is modified to include a time-of-use energy component. Customers will transition to time-of-use rates on this Schedule beginning in November 2015, over a six month period. The applicable commodity schedule for customers taking service on this Schedule is EECC-CPP-D, unless the customer has noticed its right to opt-out to the Utility. For opt-out provisions, refer to Schedule EECC-CPP-D.

Non-profit group living facilities taking service under this schedule may be eligible for a 20% California Alternate Rates for Energy (CARE) discount on their bill, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE.

Agricultural Employee Housing Facilities, as defined in Schedule E-CARE, may qualify for a 20% CARE discount on the bill if all eligibility criteria set forth in Form 142-4032 or Form 142-4035 is met.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00179) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

(Continued)

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Vice President  
Regulatory Affairs

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**SCHEDULE AD**

Sheet 2

GENERAL SERVICE - DEMAND METERED

RATES

Description - AD	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Basic Service Fee (\$/mo)		55.42							55.42
Maximum Demand Charge									
Secondary	12.55 R	16.37 R					0.04 R		28.96 R
Primary	12.13 R	15.57 R					0.04 R		27.74 R
Demand Charge - Summer									
Secondary	0.00	0.00					0.00		0.00
Primary	0.00	0.00					0.00		0.00
Demand Charge - Winter									
Secondary	0.00	0.00					0.00		0.00
Primary	0.00	0.00					0.00		0.00
Power Factor		0.25							0.25
Energy Charge (\$/kWh)									
Summer:									
Secondary	(0.00951) I	0.00281 R	0.01238 I	0.00052 I	0.00154 I	0.00031 I	0.00001 R		0.00806 I
Primary	(0.00951) I	0.00281 R	0.01238 I	0.00052 I	0.00154 I	0.00031 I	0.00001 R		0.00806 I
Winter:									
Secondary	(0.00951) I	0.00281 R	0.01238 I	0.00052 I	0.00154 I	0.00031 I	0.00001 R		0.00806 I
Primary	(0.00951) I	0.00281 R	0.01238 I	0.00052 I	0.00154 I	0.00031 I	0.00001 R		0.00806 I
On-Peak Summer:									
Secondary	(0.00951) I	0.00281 R	0.01238 I	0.00052 I	0.00154 I	0.00031 I	0.00001 R		0.00806 I
Primary	(0.00951) I	0.00281 R	0.01238 I	0.00052 I	0.00154 I	0.00031 I	0.00001 R		0.00806 I
Semi-Peak Summer:									
Secondary	(0.00951) I	0.00281 R	0.01238 I	0.00052 I	0.00154 I	0.00031 I	0.00001 R		0.00806 I
Primary	(0.00951) I	0.00281 R	0.01238 I	0.00052 I	0.00154 I	0.00031 I	0.00001 R		0.00806 I
Off-Peak Summer:									
Secondary	(0.00951) I	0.00281 R	0.01238 I	0.00052 I	0.00154 I	0.00031 I	0.00001 R		0.00806 I
Primary	(0.00951) I	0.00281 R	0.01238 I	0.00052 I	0.00154 I	0.00031 I	0.00001 R		0.00806 I
On-Peak Winter:									
Secondary	(0.00951) I	0.00281 R	0.01238 I	0.00052 I	0.00154 I	0.00031 I	0.00001 R		0.00806 I
Primary	(0.00951) I	0.00281 R	0.01238 I	0.00052 I	0.00154 I	0.00031 I	0.00001 R		0.00806 I
Semi-Peak Winter:									
Secondary	(0.00951) I	0.00281 R	0.01238 I	0.00052 I	0.00154 I	0.00031 I	0.00001 R		0.00806 I
Primary	(0.00951) I	0.00281 R	0.01238 I	0.00052 I	0.00154 I	0.00031 I	0.00001 R		0.00806 I
Off-Peak Winter:									
Secondary	(0.00951) I	0.00281 R	0.01238 I	0.00052 I	0.00154 I	0.00031 I	0.00001 R		0.00806 I
Primary	(0.00951) I	0.00281 R	0.01238 I	0.00052 I	0.00154 I	0.00031 I	0.00001 R		0.00806 I

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00038 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00490 /kWh.

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**Dan Skopec**

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Vice President  
Regulatory Affairs

Resolution No. \_\_\_\_\_



**SCHEDULE A-TOU**

Sheet 1

GENERAL SERVICE - SMALL - TIME METERED

(Closed Schedule)

APPLICABILITY

This schedule is closed to new customers effective October 1, 2002.

Applicable to general service including lighting, appliances, heating, and power, or any combination thereof, including common use. This schedule is not available to residential service, except for those three-phase residential customers taking service on this schedule as of April 12, 2007 who may remain on this schedule while service continues in their name at the same service address. Those three-phase residential customers remaining on this Schedule who choose to switch to a residential rate schedule may not return to this schedule. This Schedule is not applicable to any customer whose monthly maximum demand equals, exceeds, or is expected to equal or exceed 40 kW for three consecutive months. Customers on this Schedule whose Monthly Maximum Demand is not less than 20 kW for three consecutive months will also take commodity service on Schedule EECC-CPP-D. Customers on this Schedule whose Monthly Maximum Demand is less than 20 kW for three consecutive months must also take commodity service; they may optionally elect Schedule EECC-CPP-D or they may choose Schedule EECC-TOU-A-P in which case their Utility Distribution Company service rate would be Schedule TOU-A. In addition, customers may exercise the right to opt-out of the applicable dynamic rate (e.g., EECC-CPP-D or EECC-TOU-A-P) to their otherwise applicable Utility Distribution Company and commodity rates. For opt-out provisions, refer to the applicable commodity tariff.

Non-profit group living facilities taking service under this schedule may be eligible for a 20% California Alternate Rates for Energy (CARE) discount on their bill, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE.

Agricultural Employee Housing Facilities, as defined in Schedule E-CARE, may qualify for a 20% CARE discount on the bill if all eligibility criteria set forth in Form 142-4032 or Form 142-4035 is met.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00199) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description – A-TOU	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Basic Service Fee (\$/mo)		19.12							19.12
Energy Charges (\$/kWh)									
Summer									
On-Peak	0.03077	0.07307 R	0.01609	0.00052	0.00186	0.00040	0.00014 R		0.12285 R
Semi-Peak	0.03077	0.07307 R	0.01609	0.00052	0.00186	0.00040	0.00014 R		0.12285 R
Off-Peak	0.03077	0.07307 R	0.01609	0.00052	0.00186	0.00040	0.00014 R		0.12285 R
Winter									
On-Peak	0.03077	0.07307 R	0.01609	0.00052	0.00186	0.00040	0.00014 R		0.12285 R
Semi-Peak	0.03077	0.07307 R	0.01609	0.00052	0.00186	0.00040	0.00014 R		0.12285 R
Off-Peak	0.03077	0.07307 R	0.01609	0.00052	0.00186	0.00040	0.00014 R		0.12285 R

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00066 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00833 /kWh.

(Continued)



**SCHEDULE AL-TOU**

Sheet 1

GENERAL SERVICE - TIME METERED

APPLICABILITY

Applicable to all metered non-residential customers whose Monthly Maximum Demand equals, exceeds, or is expected to equal or exceed 20 kW. This schedule is not applicable to residential customers, except for those three-phase residential customers taking service on this schedule as of April 12, 2007 who may remain on this schedule while service continues in their name at the same service address. Those three-phase residential customers remaining on this schedule who choose to switch to a residential rate schedule may not return to this schedule. This schedule is optionally available to common use and metered non-residential customers whose Monthly Maximum Demand is less than 20 kW. Any customer whose Maximum Monthly Demand has fallen below 20 kW for three consecutive months may, at their option, elect to continue service under this schedule or be served under any other applicable schedule. This schedule is the utility's standard tariff for commercial and industrial customers with a Monthly Maximum Demand equaling or exceeding 20 kW. Customers on this Schedule whose Monthly Maximum Demand is not less than 20 kW for three consecutive months will also take commodity service on Schedule EECC-CPP-D. Customers on this Schedule whose Monthly Maximum Demand is less than 20 kW for three consecutive months must also take commodity service; they may optionally elect Schedule EECC-CPP-D or they may choose Schedule EECC-TOU-A-P in which case their Utility Distribution Company service rate would be Schedule TOU-A. In addition, customers may exercise the right to opt-out of the applicable dynamic rate (e.g., EECC-CPP-D or EECC-TOU-A-P) to their otherwise applicable Utility Distribution Company and commodity rates. For opt-out provisions, refer to the applicable commodity tariff.

Non-profit group living facilities taking service under this schedule may be eligible for a 20% California Alternate Rates for Energy (CARE) discount on their bill, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE.

Agricultural Employee Housing Facilities, as defined in Schedule E-CARE, may qualify for a 20% CARE discount on the bill if all eligibility criteria set forth in Form 142-4032 or Form 142-4035 is met.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00179) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

(Continued)

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**SCHEDULE AL-TOU**  
**GENERAL SERVICE - TIME METERED**

RATES (Continued)

Description – AL-TOU	Transm		Distr		PPP	ND	CTC	LGC	RS	TRAC	UDC Total	
<u>Demand Charges (\$/kW)</u>												
<u>Non-Coincident</u>												
Secondary	11.30	R	11.21	R			0.00		0.04	R	22.55	R
Primary	10.92	R	11.03	R			0.00		0.04	R	21.99	R
Secondary Substation	11.30	R	1.05	R			0.57	I	0.04	R	12.96	R
Primary Substation	10.92	R	1.05	R			0.57	I	0.04	R	12.58	R
Transmission	10.80	R	1.05	R			0.57	I	0.04	R	12.46	R
<u>Maximum On-Peak</u>												
<u>Summer</u>												
Secondary	2.03	R	7.33	R							9.36	R
Primary	1.96	R	7.10	R							9.06	R
Secondary Substation	2.03	R	0.00								2.03	R
Primary Substation	1.96	R	0.00								1.96	R
Transmission	1.94	R	0.00								1.94	R
<u>Winter</u>												
Secondary	0.61	R	6.25	R							6.86	R
Primary	0.59	R	6.23	R							6.82	R
Secondary Substation	0.61	R	0.00								0.61	R
Primary Substation	0.59	R	0.00								0.59	R
Transmission	0.59	R	0.00								0.59	R
<u>Power Factor (\$/kvar)</u>												
Secondary			0.25								0.25	
Primary			0.25								0.25	
Secondary Substation			0.25								0.25	
Primary Substation			0.25								0.25	
Transmission			0.00								0.00	

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**SCHEDULE AL-TOU**  
**GENERAL SERVICE - TIME METERED**

Sheet 4

RATES (Continued)

Description – AL-TOU	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Energy Charges (\$/kWh)</u>									
<u>On-Peak - Summer</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Secondary Substation	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
Primary Substation	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
Transmission	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
<u>Semi-Peak – Summer</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Secondary Substation	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
Primary Substation	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
Transmission	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
<u>Off-Peak – Summer</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Secondary Substation	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
Primary Substation	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
Transmission	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
<u>On-Peak – Winter</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Secondary Substation	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
Primary Substation	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
Transmission	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
<u>Semi-Peak – Winter</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Secondary Substation	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
Primary Substation	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
Transmission	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
<u>Off-Peak - Winter</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Secondary Substation	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
Primary Substation	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371
Transmission	(0.00951)		0.01238	0.00052		0.00031	0.00001 R		0.00371

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00038 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00490 /kWh.

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**SCHEDULE AY-TOU**

Sheet 1

GENERAL SERVICE - TIME METERED - OPTIONAL

(Closed Schedule)

APPLICABILITY

This schedule is optionally available to all metered non-residential customers who request service on this schedule and whose maximum annual demand does not exceed 500 kW. Customers on this Schedule whose Monthly Maximum Demand is not less than 20 kW for three consecutive months will also take commodity service on Schedule EECC-CPP-D. Customers on this Schedule whose Monthly Maximum Demand is less than 20 kW for three consecutive months must also take commodity service; they may optionally elect Schedule EECC-CPP-D or they may choose Schedule EECC-TOU-A-P in which case their Utility Distribution Company service rate would be Schedule TOU-A. In addition, customers may exercise the right to opt-out of the applicable dynamic rate (e.g., EECC-CPP-D or EECC-TOU-A-P) to their otherwise applicable Utility Distribution Company and commodity rates. For opt-out provisions, refer to the applicable commodity tariff.

As of September 2, 1999, Schedule AY-TOU is closed to any additional customers. Existing AY-TOU customers who discontinue service under this schedule after September 2, 1999, cannot subsequently return to Schedule AY-TOU.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00179) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description – AY-TOU	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Basic Service Fees (\$/Mo)</u>									
Secondary		116.44							116.44
Primary		31.40							31.40
Transmission		169.34							169.34
<u>Demand Charges (\$/Kw)</u>									
<u>Non-Coincident</u>									
Secondary	11.30 R	12.13 R					0.04 R		23.47 R
Primary	10.92 R	11.94 R					0.04 R		22.90 R
Transmission	10.80 R	0.00					0.04 R		10.84 R
<u>Maximum On-Peak Summer</u>									
Secondary	2.03 R	7.27 R							9.30 R
Primary	1.96 R	7.17 R							9.13 R
Transmission	1.94 R	0.00							1.94 R
<u>Maximum On-Peak Winter</u>									
Secondary	0.61 R	7.27 R							7.88 R
Primary	0.59 R	7.17 R							7.76 R
Transmission	0.59 R	0.00							0.59 R
<u>Power Factor</u>									
Secondary		0.25							0.25
Primary		0.25							0.25
Transmission		0.00							0.00

(Continued)

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**SCHEDULE AY-TOU**

GENERAL SERVICE - TIME METERED - OPTIONAL

RATES (Continued)

Description – AY-TOU	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>On-Peak -Summer</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Transmission	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
<u>Semi-Peak -Summer</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Transmission	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
<u>Off-Peak - Summer</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Transmission	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
<u>On-Peak -Winter</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Transmission	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
<u>Semi-Peak Winter</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Transmission	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
<u>Off-Peak Winter</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806
Transmission	(0.00951)	0.00281 R	0.01238	0.00052	0.00154	0.00031	0.00001 R		0.00806

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00038 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00490 /kWh.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC (Electric Energy Commodity Cost) and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1 – Definitions.

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**SCHEDULE A6-TOU**

Sheet 1

GENERAL SERVICE - TIME METERED OPTIONAL

APPLICABILITY

This schedule is optionally available to customers receiving service at Primary, Primary Substation, or Transmission service voltage level, as defined in Rule 1, whose maximum demand is 500 kW or greater during any 15-minute interval of the most recent 12-month period. The applicable commodity schedule for customers taking service on this Schedule is EECC-CPP-D, unless the customer has noticed its right to opt-out to the Utility. For opt-out provisions, refer to schedule EECC-CPP-D.

TERRITORY

Within the entire territory served by the utility.

RATES

Description	Transm		Distr		PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Basic Service Fees</u>											
(\$/month)											
<u>&gt; 500 kW</u>											
Primary			37.35								37.35
Primary Substation			16,630.12								16,630.12
Transmission			1,206.96								1,206.96
<u>&gt; 12 MW</u>											
Primary Substation			28,115.43								28,115.43
<u>Distance Adjust. Fee</u>											
Distance Adj Fee OH			1.22								1.22
Distance Adj Fee UG			3.13								3.13
<u>Demand Charges</u>											
Non-Coincident											
Primary	10.92	R	12.08	R			0.57	I	0.04	R	23.61 R
Primary Substation	10.92	R	1.05	R			0.57	I	0.04	R	12.58 R
Transmission	10.80	R	1.05	R			0.57	I	0.04	R	12.46 R
<u>Maximum Demand at</u>											
<u>Time of System Peak</u>											
<u>Summer</u>											
Primary	2.37	R	8.16	R							10.53 R
Primary Substation	2.37	R									2.37 R
Transmission	2.35	R									2.35 R
<u>Winter</u>											
Primary	0.64	R	7.17	R							7.81 R
Primary Substation	0.64	R									0.64 R
Transmission	0.64	R									0.64 R
<u>Power Factor (\$/kvar)</u>											
Primary			0.25								0.25
Primary Substation			0.25								0.25
Transmission			0.00								0.00

(Continued)

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**SCHEDULE A6-TOU**

GENERAL SERVICE - TIME METERED OPTIONAL

RATES (Continued)

Description	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total		
<u>Energy Charges</u> (kWh)											
<u>On-Peak Summer</u>											
Primary	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
Primary Substation	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
Transmission	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
<u>Semi-Peak Summer</u>											
Primary	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
Primary Substation	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
Transmission	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
<u>Off-Peak Summer</u>											
Primary	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
Primary Substation	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
Transmission	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
<u>On-Peak Winter</u>											
Primary	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
Primary Substation	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
Transmission	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
<u>Semi-Peak Winter</u>											
Primary	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
Primary Substation	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
Transmission	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
<u>Off-Peak Winter</u>											
Primary	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
Primary Substation	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I
Transmission	(0.00951)	I	0.01238	I	0.00052	I	0.00031	0.00001	R	0.00371	I

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081)per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870)per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00038 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00490 /kWh.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC (Electric Energy Commodity Cost) and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1 – Definitions.

(Continued)



**SCHEDULE DG-R**

Sheet 1

DISTRIBUTED GENERATION RENEWABLE - TIME METERED

APPLICABILITY

Service under this Schedule is available on a voluntary basis for all metered non-residential customers whose peak annual load is equal to or less than 2MW, and who have operational, distributed generation, and the capacity of that operational distributed generation is equal to or greater than 10% of their peak annual load. Distributed generation that qualifies for service under this Schedule is limited to solar, fuel cells (regardless of fuel source), and other renewable distributed generation, as more fully defined in Special Condition 17, fueled with gas derived from biomass, digester gas, or landfill gas. This Schedule is not applicable to residential customers. Customers on this Schedule whose Monthly Maximum Demand is not less than 20 kW for three consecutive months will also take commodity service on Schedule EECC-CPP-D. Customers on this Schedule whose Monthly Maximum Demand is less than 20 kW for three consecutive months must also take commodity service; they may optionally elect Schedule EECC-CPP-D or they may choose Schedule EECC-TOU-A-P in which case their Utility Distribution Company service rate would be Schedule TOU-A. In addition, customers may exercise the right to opt-out of the applicable dynamic rate (e.g., EECC-CPP-D or EECC-TOU-A-P) to their otherwise applicable Utility Distribution Company and commodity rates. For opt-out provisions, refer to the applicable commodity tariff.

Non-profit group living facilities taking service under this schedule may be eligible for a 20% California Alternate Rates for Energy (CARE) discount on their bill, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE.

Agricultural Employee Housing Facilities, as defined in Schedule E-CARE, may qualify for a 20% CARE discount on the bill if all eligibility criteria set forth in Form 142-4032 or Form 142-4035 is met.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00179) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description DG-R	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Basic Service Fees</u>									
(\$/month)									
<u>0-500 kW</u>									
Secondary		116.44							116.44
Primary		31.40							31.40
Secondary Substation		16,630.12							16,630.12
Primary Substation		16,630.12							16,630.12
Transmission		169.34							169.34
<u>&gt; 500 kW</u>									
Secondary		465.74							465.74
Primary		37.35							37.35
Secondary Substation		16,630.12							16,630.12
Primary Substation		16,630.12							16,630.12
Transmission		677.54							677.54
<u>Trans. Multiple Bus</u>		3,000.00							3,000.00
<u>Distance Adjust. Fee</u>									
Secondary - OH		1.23							1.23
Secondary - UG		3.17							3.17
Primary - OH		1.22							1.22
Primary - UG		3.13							3.13

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**SCHEDULE DG-R**

Sheet 2

DISTRIBUTED GENERATION RENEWABLE - TIME METERED

RATES (Continued)

Description DG-R	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Demand Charges (\$/kW)</u>									
<u>Maximum Demand</u>									
Secondary	11.30	R	0.00	R			0.04	R	11.34 R
Primary	10.92	R	0.04	R			0.04	R	11.00 R
Secondary Substation	11.30	R					0.04	R	11.34 R
Primary Substation	10.92	R					0.04	R	10.96 R
Transmission	10.80	R					0.04	R	10.84 R
<u>Maximum On-Peak Summer</u>									
Secondary	2.03	R							2.03 R
Primary	1.96	R							1.96 R
Secondary Substation	2.03	R							2.03 R
Primary Substation	1.96	R							1.96 R
Transmission	1.94	R							1.94 R
<u>Winter</u>									
Secondary	0.61	R							0.61 R
Primary	0.59	R							0.59 R
Secondary Substation	0.61	R							0.61 R
Primary Substation	0.59	R							0.59 R
Transmission	0.59	R							0.59 R
<u>Power Factor (\$/kvar)</u>									
Secondary			0.25						0.25
Primary			0.25						0.25
Secondary Substation			0.25						0.25
Primary Substation			0.25						0.25
Transmission									

(Continued)

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**SCHEDULE DG-R**

DISTRIBUTED GENERATION RENEWABLE - TIME METERED

RATES (Continued)

Description DG-R	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Energy Charges (\$/kWh)</u>									
<u>On-Peak - Summer</u>									
Secondary	(0.00951)	0.05015	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.05540
Primary	(0.00951)	0.04992	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.05517
Secondary Substation	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
Primary Substation	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
Transmission	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
<u>Semi-Peak - Summer</u>									
Secondary	(0.00951)	0.05015	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.05540
Primary	(0.00951)	0.04992	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.05517
Secondary Substation	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
Primary Substation	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
Transmission	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
<u>Off-Peak - Summer</u>									
Secondary	(0.00951)	0.05015	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.05540
Primary	(0.00951)	0.04992	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.05517
Secondary Substation	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
Primary Substation	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
Transmission	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
<u>On-Peak - Winter</u>									
Secondary	(0.00951)	0.05015	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.05540
Primary	(0.00951)	0.04992	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.05517
Secondary Substation	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
Primary Substation	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
Transmission	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
<u>Semi-Peak - Winter</u>									
Secondary	(0.00951)	0.05015	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.05540
Primary	(0.00951)	0.04992	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.05517
Secondary Substation	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
Primary Substation	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
Transmission	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
<u>Off-Peak - Winter</u>									
Secondary	(0.00951)	0.05015	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.05540
Primary	(0.00951)	0.04992	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.05517
Secondary Substation	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
Primary Substation	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806
Transmission	(0.00951)	0.00281	R 0.01238	0.00052	0.00154	0.00031	0.00001	R	0.00806

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00038 kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00490 /kWh.

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**SCHEDULE OL-TOU**

Sheet 1

OUTDOOR LIGHTING - TIME METERED

APPLICABILITY

Applicable to metered outdoor sports and recreation area lighting load and safety and security lighting, not including street or highway lighting, controlled exclusively for nighttime operation. Incidental, non-outdoor area lighting load shall be served under this schedule if the incidental load meets the following conditions: 1) does not exceed 15 percent of the customer's Maximum Monthly Demand and 2) does not exceed 20 kW, regardless of the time such incidental load operates. Service under this schedule is not applicable to any customer whose monthly maximum demand is less than 20 kW and to any customer whose incidental load causes a summer on-peak demand that equals, exceeds, or is expected to equal or exceed 20 kW for three consecutive billing periods. Customers on this Schedule whose Monthly Maximum Demand is not less than 20 kW for three consecutive months will also take commodity service on Schedule EECC-CPP-D. Customers on this Schedule whose Monthly Maximum Demand is less than 20 kW for three consecutive months must also take commodity service; they may optionally elect Schedule EECC-CPP-D or they may choose Schedule EECC-TOU-A-P in which case their Utility Distribution Company service rate would be Schedule TOU-A. In addition, customers may exercise the right to opt-out of the applicable dynamic rate (e.g., EECC-CPP-D or EECC-TOU-A-P) to their otherwise applicable Utility Distribution Company and commodity rates. For opt-out provisions, refer to the applicable commodity tariff.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description – OL-TOU	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Basic Service Fee</u> (\$/mo)		19.12							19.12
<u>Energy Charges</u> (\$/kWh)									
Summer									
On-Peak	0.03077	0.07828	R 0.01238	0.00052	0.00154	0.00031	0.00014	R	0.12394 R
Semi-Peak	0.03077	0.07828	R 0.01238	0.00052	0.00154	0.00031	0.00014	R	0.12394 R
Off-Peak	0.03077	0.07828	R 0.01238	0.00052	0.00154	0.00031	0.00014	R	0.12394 R
Winter									
On-Peak	0.03077	0.07828	R 0.01238	0.00052	0.00154	0.00031	0.00014	R	0.12394 R
Semi-Peak	0.03077	0.07828	R 0.01238	0.00052	0.00154	0.00031	0.00014	R	0.12394 R
Off-Peak	0.03077	0.07828	R 0.01238	0.00052	0.00154	0.00031	0.00014	R	0.12394 R

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00038 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00490 /kWh.

Minimum Charge

The minimum monthly charge shall be the sum of the Service Charges

(Continued)

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**SCHEDULE LS-1**

Sheet 1

LIGHTING - STREET AND HIGHWAY - UTILITY-OWNED INSTALLATIONS

APPLICABILITY

Applicable to street lighting service on dedicated thoroughfares, on private streets under Special Condition 6 and to individuals under Special Condition 7.

TERRITORY

Within the entire territory served by the utility.

RATES

Description – LS1		Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total			
<u>Watts</u>	<u>Lumens</u>												
Mercury Vapor Class A*													
<u>Reactor Ballast</u>													
175	7000	1.30	I	10.85	R	0.34	I	0.03		0.02	0.01	12.55	R
<u>Regulator Ballast</u>													
175	7000	1.42	I	11.13	R	0.37	I	0.04	I	0.02	0.01	12.99	R
400	20000	3.12	I	17.61	R	0.80	I	0.08	I	0.04	0.02	21.67	R
<u>Class C</u>													
400	20000	3.12	I	35.96	R	0.80	I	0.08	I	0.04	0.02	40.02	R
<u>HPSV Class A</u>													
70	5800	0.68	I	8.60	R	0.18	I	0.02	I	0.01	0.00	9.49	R
100	9500	0.95	I	9.27	R	0.25	I	0.03	I	0.01	0.00	10.51	R
150	16000	1.31	I	10.10	R	0.34	I	0.03		0.02	0.01	11.81	R
200	22000	1.67	I	11.99	R	0.43	I	0.04		0.02	0.01	14.16	R
250	30000	2.12	I	13.16	R	0.55	I	0.06	I	0.03	0.01	15.93	R
400	50000	3.22	I	15.49	R	0.83	I	0.09	I	0.04	0.02	19.69	R
<u>Class B, 1 Lamp</u>													
70	5800	0.68	I	11.61	R	0.18	I	0.02	I	0.01	0.00	12.50	R
100	9500	0.95	I	12.08	R	0.25	I	0.03	I	0.01	0.00	13.32	R
150	16000	1.31	I	12.83	R	0.34	I	0.03		0.02	0.01	14.54	R
200	22000	1.67	I	13.95	R	0.43	I	0.04		0.02	0.01	16.12	R
250	30000	2.12	I	15.13	R	0.55	I	0.06	I	0.03	0.01	17.90	R
400	50000	3.22	I	18.95	R	0.83	I	0.09	I	0.04	0.02	23.15	R
<u>Class B, 2 Lamp</u>													
70	5800	0.68	I	10.49	R	0.18	I	0.02	I	0.01	0.00	11.38	R
100	9500	0.95	I	11.05	R	0.25	I	0.03	I	0.01	0.00	12.29	R
150	16000	1.31	I	11.82	R	0.34	I	0.03		0.02	0.01	13.53	R
200	22000	1.67	I	12.82	R	0.43	I	0.04		0.02	0.01	14.99	R
250	30000	2.12	I	14.09	R	0.55	I	0.06	I	0.03	0.01	16.86	R
400	50000	3.22	I	17.96	R	0.83	I	0.09	I	0.04	0.02	22.16	R
<u>Class C, 1 Lamp</u>													
70	5800	0.68	I	17.71	R	0.18	I	0.02	I	0.01	0.00	18.60	R
100	9500	0.95	I	18.10	R	0.25	I	0.03	I	0.01	0.00	19.34	R
150	16000	1.31	I	18.82	R	0.34	I	0.03		0.02	0.01	20.53	R
200	22000	1.67	I	21.20	R	0.43	I	0.04		0.02	0.01	23.37	R
250	30000	2.12	I	22.22	R	0.55	I	0.06	I	0.03	0.01	24.99	R
400	50000	3.22	I	28.23	R	0.83	I	0.09	I	0.04	0.02	32.43	R

\*Closed to new installations as of June 10, 1979

(Continued)

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**SCHEDULE LS-1**

Sheet 2

**LIGHTING - STREET AND HIGHWAY - UTILITY-OWNED INSTALLATIONS**

RATES (Continued)

Description-LS-1	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Class C, 2 Lamp</u>									
70 5800	0.68	I 7.47	R 0.18	I 0.02	I	0.01	0.00	R	8.36 R
100 9500	0.95	I 8.06	R 0.25	I 0.03	I	0.01	0.00	R	9.30 R
150 16000	1.31	I 8.79	R 0.34	I 0.03	I	0.02	0.01		10.50 R
200 22000	1.67	I 10.78	R 0.43	I 0.04	I	0.02	0.01	R	12.95 R
250 30000	2.12	I 12.04	R 0.55	I 0.06	I	0.03	0.01	R	14.81 R
400 50000	3.22	I 13.13	R 0.83	I 0.09	I	0.04	0.02	R	17.33 R
<u>LPSV</u>									
<u>Class A</u>									
55 8000	0.60	I 11.21	R 0.15	0.02	I	0.01	0.00	R	11.99 R
90 13500	0.98	I 12.45	R 0.25	0.03	I	0.01	0.01		13.73 R
135 22500	1.40	I 13.65	R 0.36	I 0.04	I	0.02	0.01	R	15.48 R
180 33000	1.59	I 14.70	R 0.41	I 0.04	I	0.02	0.01	R	16.77 R
<u>Class B, 1 Lamp</u>									
55 8000	0.60	I 13.86	R 0.15	0.02	I	0.01	0.00	R	14.64 R
90 13500	0.98	I 14.79	R 0.25	0.03	I	0.01	0.01		16.07 R
135 22500	1.40	I 16.51	R 0.36	I 0.04	I	0.02	0.01	R	18.34 R
180 33000	1.59	I 16.63	R 0.41	I 0.04	I	0.02	0.01	R	18.70 R
<u>Class B, 2 Lamp</u>									
55 8000	0.60	I 13.29	R 0.15	0.02	I	0.01	0.00	R	14.07 R
90 13500	0.98	I 14.30	R 0.25	0.03	I	0.01	0.01		15.58 R
135 22500	1.40	I 15.92	R 0.36	I 0.04	I	0.02	0.01	R	17.75 R
180 33000	1.59	I 16.11	R 0.41	I 0.04	I	0.02	0.01	R	18.18 R
<u>Class C, 1 Lamp</u>									
55 8000	0.60	I 19.83	R 0.15	0.02	I	0.01	0.00	R	20.61 R
90 13500	0.98	I 20.69	R 0.25	0.03	I	0.01	0.01		21.97 R
135 22500	1.40	I 23.49	R 0.36	I 0.04	I	0.02	0.01	R	25.32 R
180 33000	1.59	I 24.62	R 0.41	I 0.04	I	0.02	0.01	R	26.69 R
<u>Class C, 2 Lamp</u>									
55 8000	0.60	I 11.20	R 0.15	0.02	I	0.01	0.00	R	11.98 R
90 13500	0.98	I 13.54	R 0.25	0.03	I	0.01	0.01		14.82 R
135 22500	1.40	I 14.07	R 0.36	I 0.04	I	0.02	0.01	R	15.90 R
180 33000	1.59	I 14.40	R 0.41	I 0.04	I	0.02	0.01	R	16.47 R
<u>Metal Halide</u>									
<u>Class A</u>									
100 8500	0.89	I 7.93	R 0.23	0.02	I	0.01	0.00	R	9.08 R
175 12000	1.40	I 9.08	R 0.36	I 0.04	I	0.02	0.01	R	10.91 R
250 18000	1.95	I 10.41	R 0.50	I 0.05	I	0.03	0.01	R	12.95 R
400 32000	3.01	I 13.35	R 0.78	I 0.08	I	0.04	0.02	R	17.28 R
<u>Class B</u>									
100 8500	0.89	I 8.55	R 0.23	0.02	I	0.01	0.00	R	9.70 R
175 12000	1.40	I 9.69	R 0.36	I 0.04	I	0.02	0.01	R	11.52 R
250 18000	1.95	I 11.02	R 0.50	I 0.05	I	0.03	0.01	R	13.56 R
400 32000	3.01	I 13.96	R 0.78	I 0.08	I	0.04	0.02	R	17.89 R

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**SCHEDULE LS-1**

Sheet 3

LIGHTING - STREET AND HIGHWAY - UTILITY-OWNED INSTALLATIONS

RATES (Continued)

Description- LS-1	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Class C</u>									
100 8500	0.89	20.07	R 0.23	0.02		0.01	0.00	R	21.22 R
175 12000	1.40	21.22	R 0.36	0.04		0.02	0.01	R	23.05 R
250 18000	1.95	22.55	R 0.50	0.05		0.03	0.01	R	25.09 R
400 32000	3.01	25.49	R 0.78	0.08		0.04	0.02	R	29.42 R
Facilities & Rates									
<u>Class A</u>									
Center Suspension									
Non-Standard									
Wood Pole									
30-foot		5.26							5.26
35-foot		5.74							5.74

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00000 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00067 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00437 /kWh.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) the Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC component, as defined in Rule 1 – Definitions.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

(Continued)

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**SCHEDULE LS-2**

Sheet 1

**LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS**

APPLICABILITY

Applicable for service to governmental agencies and lighting districts for the lighting of streets, highways and other thoroughfares, and to other corporate agencies for the lighting of non-dedicated streets which are accessible to the public, where the customer owns the entire installation, including underground lines from a central point of connection with utility facilities.

TERRITORY

Within the entire territory served by the Utility.

RATES ion-LS-2	Descript	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total				
<u>Mercury Vapor*</u>														
<u>Rate A Regulator</u>														
<u>Ballast</u>														
175	7000	1.42	I	3.21	R	0.37	I	0.04	I	0.02	0.01	R	5.07	R
250	10000	1.98	I	4.46	R	0.51	I	0.05	I	0.03	0.01	R	7.04	R
400	20000	3.12	I	7.03	R	0.80	I	0.08	I	0.04	0.02	R	11.09	R
700	35000	5.28	I	11.91	R	1.36	I	0.14	I	0.07	0.03	R	18.79	R
1000	55000	7.46	I	16.83	R	1.93	I	0.20	I	0.10	0.04	R	26.56	R
<u>Rate A, Reactor</u>														
<u>Ballast</u>														
175	7000	1.30	I	2.93	R	0.34	I	0.03		0.02	0.01		4.63	R
<u>Rate A, Series</u>														
<u>Service</u>														
175	7000	1.40	I	4.04	R	0.36	I	0.04	I	0.02	0.01	R	5.87	R
250	10000	1.69	I	4.87	R	0.44	I	0.05	I	0.02	0.01	R	7.08	R
400	20000	3.01	I	8.68	R	0.78	I	0.08	I	0.04	0.02	R	12.61	R
700	35000	5.28	I	15.21	R	1.36	I	0.14	I	0.07	0.03	R	22.09	R
<u>Rate B, Regulator</u>														
<u>Ballast</u>														
175	7000	1.42	I	4.73	R	0.37	I	0.04	I	0.02	0.01	R	6.59	R
250	10000	1.98	I	5.98	R	0.51	I	0.05	I	0.03	0.01	R	8.56	R
400	20000	3.12	I	8.54	R	0.80	I	0.08	I	0.04	0.02	R	12.60	R
<u>Rate B, Series</u>														
<u>Service</u>														
175	7000	1.40	I	5.55	R	0.36	I	0.04	I	0.02	0.01	R	7.38	R
<u>HPSV</u>														
<u>Rate A, Regulator</u>														
<u>Ballast</u>														
50	4000	0.39	I	0.89	R	0.10		0.01		0.01	0.00		1.40	R
70	5800	0.68	I	1.54	R	0.18	I	0.02	I	0.01	0.00	R	2.43	R
100	9500	0.95	I	2.15	R	0.25	I	0.03	I	0.01	0.00	R	3.39	R
150	16000	1.31	I	2.95	R	0.34	I	0.03		0.02	0.01		4.66	R
200	22000	1.67	I	3.76	R	0.43	I	0.04		0.02	0.01	R	5.93	R
250	30000	2.12	I	4.78	R	0.55	I	0.06	I	0.03	0.01	R	7.55	R
310	37000	2.59	I	5.85	R	0.67	I	0.07	I	0.03	0.01	R	9.22	R
400	50000	3.22	I	7.27	R	0.83	I	0.09	I	0.04	0.02	R	11.47	R
1000	140000	7.46	I	16.83	R	1.93	I	0.20	I	0.10	0.04	R	26.56	R

\*Closed to new installations as of June 10, 1979

(Continued)

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**SCHEDULE LS-2**

Sheet 2

**LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS**

RATES (Continued)

Description	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>HPSV</u>									
<u>Rate A, Reactor</u>									
<u>Ballast</u>									
50 4000	0.34	I 0.76	R 0.09	0.01		0.00	0.00		1.20 R
70 5800	0.56	I 1.27	R 0.15	I 0.01		0.01	0.00	R	2.00 R
100 9500	0.79	I 1.79	R 0.20	0.02		0.01	0.00	R	2.81 R
150 16000	1.16	I 2.61	R 0.30	I 0.03	I	0.02	0.01		4.13 R
<u>HPSV</u>									
<u>Rate A, Series</u>									
<u>Service</u>									
50 4000	0.43	I 1.25	R 0.11	0.01		0.01	0.00		1.81 R
70 5800	0.73	I 2.11	R 0.19	I 0.02		0.01	0.00	R	3.06 R
100 9500	0.82	I 2.36	R 0.21	0.02		0.01	0.00	R	3.42 R
150 16000	1.18	I 3.39	R 0.30	0.03	I	0.02	0.01		4.93 R
200 22000	1.58	I 4.54	R 0.41	I 0.04	I	0.02	0.01	R	6.60 R
250 30000	2.12	I 6.10	R 0.55	I 0.06	I	0.03	0.01	R	8.87 R
<u>HPSV</u>									
<u>Rate B, Regulator Ballast</u>									
50 4000	0.39	I 2.40	R 0.10	0.01		0.01	0.00		2.91 R
70 5800	0.68	I 3.06	R 0.18	I 0.02	I	0.01	0.00	R	3.95 R
100 9500	0.95	I 3.67	R 0.25	I 0.03	I	0.01	0.00	R	4.91 R
150 16000	1.31	I 4.47	R 0.34	I 0.03		0.02	0.01		6.18 R
200 22000	1.67	I 5.28	R 0.43	I 0.04		0.02	0.01	R	7.45 R
250 30000	2.12	I 6.30	R 0.55	I 0.06	I	0.03	0.01	R	9.07 R
310 37000	2.59	I 7.37	R 0.67	I 0.07	I	0.03	0.01	R	10.74 R
400 50000	3.22	I 8.79	R 0.83	I 0.09	I	0.04	0.02	R	12.99 R
1000 140000	7.46	I 18.35	R 1.93	I 0.20	I	0.10	0.04	R	28.08 R
<u>Rate B, Reactor Ballast</u>									
50 4000	0.34	I 2.28	R 0.09	0.01		0.00	0.00		2.72 R
70 5800	0.56	I 2.79	R 0.15	I 0.01		0.01	0.00	R	3.52 R
100 9500	0.79	I 3.31	R 0.20	0.02		0.01	0.00	R	4.33 R
150 16000	1.16	I 4.13	R 0.30	I 0.03	I	0.02	0.01		5.65 R
<u>Rate B, Series Service</u>									
50 4000	0.43	I 2.77	R 0.11	0.01		0.01	0.00		3.33 R
70 5800	0.73	I 3.62	R 0.19	I 0.02		0.01	0.00	R	4.57 R
100 9500	0.82	I 3.88	R 0.21	0.02		0.01	0.00	R	4.94 R
150 16000	1.18	I 4.91	R 0.30	0.03	I	0.02	0.01		6.45 R
200 22000	1.58	I 6.06	R 0.41	I 0.04	I	0.02	0.01	R	8.12 R
250 30000	2.12	I 7.62	R 0.55	I 0.06	I	0.03	0.01	R	10.39 R
<u>LPSV</u>									
<u>Rate A</u>									
35 4800	0.45	I 1.02	R 0.12	I 0.01		0.01	0.00		1.61 R
55 8000	0.60	I 1.34	R 0.15	0.02	I	0.01	0.00	R	2.12 R
90 13500	0.98	I 2.21	R 0.25	0.03	I	0.01	0.01		3.49 R
135 22500	1.40	I 3.15	R 0.36	I 0.04	I	0.02	0.01	R	4.98 R
180 33000	1.59	I 3.59	R 0.41	I 0.04	I	0.02	0.01	R	5.66 R

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**SCHEDULE LS-2**

Sheet 3

**LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS**

**RATES (Continued)**

Description- LS-2	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Rate A Series Service</u>									
35 4800	0.34	I 0.97	R 0.09	0.01		0.00	0.00		1.41 R
55 8000	0.49	I 1.40	R 0.13	I 0.01		0.01	0.00	R	2.04 R
90 13500	0.88	I 2.53	R 0.23	I 0.02		0.01	0.00	R	3.67 R
135 22500	1.25	I 3.61	R 0.32	0.03		0.02	0.01		5.24 R
180 33000	1.48	I 4.27	R 0.38	I 0.04	I	0.02	0.01	R	6.20 R
<u>Incandescent Lamps</u>									
<u>Rate A (energy only)</u>									
1000	0.49	I 1.11	R 0.13	I 0.01		0.01	0.00	R	1.75 R
2500	1.10	I 2.47	R 0.28	0.03	I	0.01	0.01		3.90 R
4000	2.00	I 4.51	R 0.52	I 0.05	I	0.03	0.01	R	7.12 R
6000	2.74	I 6.19	R 0.71	I 0.07	I	0.04	0.01	R	9.76 R
10000	4.12	I 9.29	R 1.06	I 0.11	I	0.05	R 0.02	R	14.65 R
<u>Incandescent Lamps</u>									
<u>Rate B</u>									
6000	2.74	I 7.70	R 0.71	I 0.07	I	0.04	0.01	R	11.27 R
<u>Metal Halide – Rate A</u>									
100 8500	0.89	I 2.02	R 0.23	0.02		0.01	0.00	R	3.17 R
175 12000	1.40	I 3.16	R 0.36	I 0.04	I	0.02	0.01	R	4.99 R
250 18000	1.95	I 4.40	R 0.50	I 0.05	I	0.03	0.01	R	6.94 R
400 32000	3.01	I 6.78	R 0.78	I 0.08	I	0.04	0.02	R	10.71 R
<u>Rate B</u>									
100 8500	0.89	I 3.53	R 0.23	0.02		0.01	0.00	R	4.68 R
175 12000	1.40	I 4.68	R 0.36	I 0.04	I	0.02	0.01	R	6.51 R
250 18000	1.95	I 5.92	R 0.50	I 0.05	I	0.03	0.01	R	8.46 R
400 32000	3.01	I 8.30	R 0.78	I 0.08	I	0.04	0.02	R	12.23 R
<u>Induction</u>									
<u>Rate A – 5-Lamp</u>									
55 3500	1.86	I 4.20	R 0.48	I 0.05	I	0.02	R 0.01	R	6.62 R
85 6000	2.95	I 6.64	R 0.76	I 0.08	I	0.04	0.02	R	10.49 R
<u>Induction</u>									
<u>Rate A – 1-Lamp</u>									
40.....3440	0.27	I 0.61	R 0.07	0.01		0.00	0.00		0.96 R
50.....3495	0.34	I 0.76	R 0.09	0.01		0.00	0.00		1.20 R
55.....3500	0.37	I 0.84	R 0.10	I 0.01		0.00	R 0.00		1.32 R
70.....5075	0.47	I 1.07	R 0.12	0.01		0.01	0.00	R	1.68 R
80.....6528	0.54	I 1.22	R 0.14	0.01		0.01	0.00	R	1.92 R
85.....6000	0.58	I 1.30	R 0.15	0.02	I	0.01	0.00	R	2.06 R
100.....8800	0.68	I 1.53	R 0.17	0.02	I	0.01	0.00	R	2.41 R
150.....12800	1.02	I 2.29	R 0.26	0.03	I	0.01	0.01		3.62 R
165.....12000	1.12	I 2.52	R 0.29	I 0.03	I	0.01	R 0.01		3.98 R
200.....16800	1.35	I 3.05	R 0.35	I 0.04	I	0.02	0.01		4.82 R
250.....21040	1.69	I 3.82	R 0.44	I 0.05	I	0.02	0.01	R	6.03 R
300.....24480	2.03	I 4.58	R 0.52	I 0.05	I	0.03	0.01	R	7.22 R
400.....32640	2.71	I 6.11	R 0.70	I 0.07	I	0.04	0.01	R	9.64 R
<u>Non-Standard Lamp</u>									
Energy Charge \$/kWh	0.01951	I 0.04871	0.00504	I 0.00052	I	0.00026	0.00010	R	0.07414 I

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**SCHEDULE LS-2**

Sheet 4

**LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS**

RATES (Continued)

Description- LS-2	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Light Emitting Diode</u>									
<u>Rate A</u>									
0 - 5	0.02	0.05	0.01						0.08
5.01 - 10	0.06	0.15	0.02						0.23
10.01 - 15	0.08	0.19	0.02						0.29
15.01 - 20	0.12	0.29	0.03						0.44
20.01 - 25	0.16	0.39	0.04						0.59
25.01 - 30	0.20	0.49	0.05	0.01					0.75
30.01 - 35	0.21	0.54	0.06	0.01					0.82
35.01 - 40	0.25	0.63	0.07	0.01					0.96
40.01 - 45	0.29	0.73	0.08	0.01					1.11
45.01 - 50	0.31	0.78	0.08	0.01					1.18
50.01 - 55	0.35	0.88	0.09	0.01					1.33
55.01 - 60	0.39	0.97	0.10	0.01		0.01			1.48
60.01 - 65	0.43	1.07	0.11	0.01		0.01			1.63
65.01 - 70	0.45	1.12	0.12	0.01		0.01			1.71
70.01 - 75	0.49	1.22	0.13	0.01		0.01	0.00 R		1.86
75.01 - 80	0.53	1.32	0.14	0.01		0.01	0.00 R		2.01
80.01 - 85	0.57	1.41	0.15	0.02		0.01	0.00 R		2.16
85.01 - 90	0.59	1.46	0.15	0.02		0.01	0.00 R		2.23
90.01 - 95	0.62	1.56	0.16	0.02		0.01	0.00 R		2.37
95.01 - 100	0.66	1.66	0.17	0.02		0.01	0.00 R		2.52
100.01 - 105	0.70	1.75	0.18	0.02		0.01	0.00 R		2.66
105.01 - 110	0.72	1.80	0.19	0.02		0.01	0.00 R		2.74
110.01 - 115	0.76	1.90	0.20	0.02		0.01	0.00 R		2.89
115.01 - 120	0.80	2.00	0.21	0.02		0.01	0.00 R		3.04
120.01 - 125	0.84	2.09	0.22	0.02		0.01	0.00 R		3.18
125.01 - 130	0.86	2.14	0.22	0.02		0.01	0.00 R		3.25
130.01 - 135	0.90	2.24	0.23	0.02		0.01	0.00 R		3.40
135.01 - 140	0.94	2.34	0.24	0.02		0.01	0.00 R		3.55
140.01 - 145	0.96	2.39	0.25	0.03		0.01	0.00 R		3.64
145.01 - 150	1.00	2.48	0.26	0.03		0.01	0.01		3.79
150.01 - 155	1.03	2.58	0.27	0.03		0.01	0.01		3.93
155.01 - 160	1.07	2.68	0.28	0.03		0.01	0.01		4.08
160.01 - 165	1.09	2.73	0.28	0.03		0.01	0.01		4.15
165.01 - 170	1.13	2.83	0.29	0.03		0.02	0.01		4.31
170.01 - 175	1.17	2.92	0.30	0.03		0.02	0.01		4.45
175.01 - 180	1.21	3.02	0.31	0.03		0.02	0.01		4.60
180.01 - 185	1.23	3.07	0.32	0.03		0.02	0.01		4.68
185.01 - 190	1.27	3.17	0.33	0.03		0.02	0.01		4.83
190.01 - 195	1.31	3.26	0.34	0.03		0.02	0.01		4.97
195.01 - 200	1.35	3.36	0.35	0.04		0.02	0.01		5.13
200.01 - 205	1.37	3.41	0.35	0.04		0.02	0.01		5.20
205.01 - 210	1.40	3.51	0.36	0.04		0.02	0.01 R		5.34
210.01 - 215	1.44	3.60	0.37	0.04		0.02	0.01 R		5.48

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**SCHEDULE LS-2**

Sheet 5

**LIGHTING - STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS**

RATES (Continued)

Description- LS-2	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Light Emitting Diode</u>									
<u>Rate A</u>									
215.01 - 220	1.46	3.65	0.38	0.04		0.02	0.01	R	5.56
220.01 - 225	1.50	3.75	0.39	0.04		0.02	0.01	R	5.71
225.01 - 230	1.54	3.85	0.40	0.04		0.02	0.01	R	5.86
230.01 - 235	1.58	3.95	0.41	0.04		0.02	0.01	R	6.01
235.01 - 240	1.60	3.99	0.41	0.04		0.02	0.01	R	6.07
240.01 - 245	1.64	4.09	0.42	0.04		0.02	0.01	R	6.22
245.01 - 250	1.68	4.19	0.43	0.04		0.02	0.01	R	6.37
250.01 - 255	1.72	4.29	0.44	0.05		0.02	0.01	R	6.53
255.01 - 260	1.74	4.34	0.45	0.05		0.02	0.01	R	6.61
260.01 - 265	1.78	4.43	0.46	0.05		0.02	0.01	R	6.75
265.01 - 270	1.81	4.53	0.47	0.05		0.02	0.01	R	6.89
270.01 - 275	1.85	4.63	0.48	0.05		0.02	0.01	R	7.04
275.01 - 280	1.87	4.68	0.48	0.05		0.02	0.01	R	7.11
280.01 - 285	1.91	4.77	0.49	0.05		0.03	0.01	R	7.26
285.01 - 290	1.95	4.87	0.50	0.05		0.03	0.01	R	7.41
290.01 - 295	1.99	4.97	0.51	0.05		0.03	0.01	R	7.56
295.01 - 300	2.01	5.02	0.52	0.05		0.03	0.01	R	7.64
300.01 - 305	2.05	5.11	0.53	0.05		0.03	0.01	R	7.78
305.01 - 310	2.09	5.21	0.54	0.06		0.03	0.01	R	7.94
310.01 - 315	2.11	5.26	0.54	0.06		0.03	0.01	R	8.01
315.01 - 320	2.15	5.36	0.55	0.06		0.03	0.01	R	8.16
320.01 - 325	2.19	5.46	0.56	0.06		0.03	0.01	R	8.31
325.01 - 330	2.22	5.55	0.57	0.06		0.03	0.01	R	8.44
330.01 - 335	2.24	5.60	0.58	0.06		0.03	0.01	R	8.52
335.01 - 340	2.28	5.70	0.59	0.06		0.03	0.01	R	8.67
340.01 - 345	2.32	5.80	0.60	0.06		0.03	0.01	R	8.82
345.01 - 350	2.36	5.89	0.61	0.06		0.03	0.01	R	8.96
350.01 - 355	2.38	5.94	0.61	0.06		0.03	0.01	R	9.03
355.01 - 360	2.42	6.04	0.62	0.06		0.03	0.01	R	9.18
360.01 - 365	2.46	6.14	0.64	0.07		0.03	0.01	R	9.35
365.01 - 370	2.50	6.23	0.65	0.07		0.03	0.01	R	9.49
370.01 - 375	2.52	6.28	0.65	0.07		0.03	0.01	R	9.56
375.01 - 380	2.56	6.38	0.66	0.07		0.03	0.01	R	9.71
380.01 - 385	2.59	6.48	0.67	0.07		0.03	0.01	R	9.85
385.01 - 390	2.61	6.53	0.68	0.07		0.03	0.01	R	9.93
390.01 - 395	2.65	6.62	0.69	0.07		0.04	0.01	R	10.08
395.01 - 400	2.69	6.72	0.70	0.07		0.04	0.01	R	10.23

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00000 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00067 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00437 /kWh. The average lumen values are for informational purposes only and can vary by manufacturer and age of the facility.

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**SCHEDULE LS-3**

Sheet 1

LIGHTING-STREET AND HIGHWAY - CUSTOMER-OWNED INSTALLATIONS

(Closed Schedule)

APPLICABILITY

Applicable to local, state or other governmental agencies for service for the lighting of streets, highways, and other public thoroughfares, and to corporate or governmental agencies for the lighting of non-dedicated streets alone or in conjunction with illuminated highway directional signs or aircraft warning obstruction lights, where the customer owns the entire installation, including underground lines from a central point of connection with utility facilities. This schedule is closed to new installations as of June 10, 1979.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description – LS-3	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Energy Charge (\$/kWh)	0.01951	I 0.05060 R	0.00504	I 0.00052	I	0.00026	0.00010	R	0.07603
Minimum Charge (\$/month)		7.58							7.58

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00000 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00067 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00437 /kWh.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) the Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC (Electric Energy Commodity Cost) and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC component, as defined in Rule 1 – Definitions.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

(Continued)





**SCHEDULE OL-1**

Sheet 1

OUTDOOR AREA LIGHTING SERVICE

APPLICABILITY

Applicable to outdoor area lighting service for the illumination of areas where street and highway lighting services are not applicable and can be supplied from existing secondary overhead facilities of the utility of suitable phase and voltage. The utility will install, own, operate and maintain the complete lighting installation, excluding any customer-owned supports. This schedule is also applicable for utility-owned ornamental street lights under Special Condition 3.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description-OL-1	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total					
<b>HPSV</b>														
<u>Rate A</u>														
St.Light Luminaire														
Watts	Lumens													
100	9500	0.95	I	10.53	R	0.25	I	0.03	I	0.01	0.00	R	11.77	R
150	16000	1.31	I	11.37	R	0.34	I	0.03		0.02	0.01		13.08	R
250	30000	2.12	I	14.62	R	0.55	I	0.06	I	0.03	0.01	R	17.39	R
400	50000	3.22	I	16.91	R	0.83	I	0.09	I	0.04	0.02	R	21.11	R
1000	140000	7.46	I	27.73	R	1.93	I	0.20	I	0.10	0.04	R	37.46	R
<u>Rate B</u>														
Directional Lumin.														
250	30000	2.12	I	15.42	R	0.55	I	0.06	I	0.03	0.01	R	18.19	R
400	50000	3.22	I	18.08	R	0.83	I	0.09	I	0.04	0.02	R	22.28	R
1000	140000	7.46	I	29.79	R	1.93	I	0.20	I	0.10	0.04	R	39.52	R
<b>LPSV</b>														
<u>Rate A</u>														
St.Light Luminaire.														
55	8000	0.60	I	12.98	R	0.15		0.02	I	0.01	0.00	R	13.76	R
90	13000	0.98	I	14.30	R	0.25		0.03	I	0.01	0.01		15.58	R
135	22500	1.40	I	16.29	R	0.36	I	0.04	I	0.02	0.01	R	18.12	R
180	33000	1.59	I	15.99	R	0.41	I	0.04	I	0.02	0.01	R	18.06	R
<u>Poles</u>														
30 ft. wood pole				8.04								8.04		
35 ft. wood pole				8.78								8.78		

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00000 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00067 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00437 /kWh.

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**SCHEDULE OL-2**

Sheet 1

OUTDOOR AREA LIGHTING SERVICE METERED - CUSTOMER-OWNED INSTALLATIONS

APPLICABILITY

This is an optional schedule provided by the utility. Applicable to metered service of outdoor area lighting load for customer-owned facilities, controlled for dusk to dawn operation and used for the purpose of lighting sports and recreation areas and for safety and security lighting.

TERRITORY

Within the entire territory served by the Utility

RATES

Description – OL-2	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
Energy Charge (\$/kWh)	0.01951	I 0.09800	R 0.00504	I 0.00052	I 0.00000	0.00026	0.00010	R 0.00000	0.12343
Basic Service Fee (\$/month)		11.47							11.47

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00000 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00067 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00437 /kWh.

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Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) the Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC (Electric Energy Commodity Cost) and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC component, as defined in Rule 1 – Definitions.

Minimum Charge

The minimum monthly charge shall be the sum of the Service Charges.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers

(Continued)



**SCHEDULE DWL**

Sheet 1

RESIDENTIAL WALKWAY LIGHTING

APPLICABILITY

Applicable to the lighting of walkways and similar common-interest areas of condominium, cooperative or other residential projects where each single-family accommodation is separately metered by the utility and the facilities can be installed in association with the utility's underground distribution system within the project.

TERRITORY

Within the entire territory served by the utility.

RATES

Description-DWL	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Facilities Charges</u>									
\$ of Util invest.		0.0120							0.0120
Energy & Lamp									
<u>Maintenance Charge</u>									
50 Watt HPSV	0.40	I 2.42	R 0.10	0.01		0.01			2.94 R
Minimum Charge		61.33							61.33

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00000 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00067 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00437 /kWh.

Minimum Bill

Rate components of the minimum charge, including charges associated with Schedule EECC (Electric Energy Commodity Cost), will be calculated based on average minimum bill usage.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) the Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC and Schedule DWR-BC (Department of Water Resources Bond Charge).

Certain Direct Access customers are exempt from the TRAC component, as defined in Rule 1 – Definitions.

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

(Continued)



**SCHEDULE PA**

Sheet 1

Power - Agricultural  
(CLOSED SCHEDULE)

APPLICABILITY

This schedule is closed to new customers effective November 1, 2015.

Applicable to customers whose monthly maximum demand does not exceed 500kW for three consecutive months for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. When demand metering is not available, consumption cannot equal or exceed 300,000 kWh per month for three (3) consecutive months.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00188) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the utility.  
DWR-BC charges do not apply to CARE or Medical Baseline customers.

RATES

Description - PA	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Basic Service Fee</u> (\$/month)									
<b>PA &lt; 20 kW</b>		18.23							18.23
<b>PA ≥ 20 kW</b>		21.87							21.87
<u>Energy Charges</u>									
Summer	0.01089 I	0.05334 R	0.01530 I	0.00052 I	0.00101 I	0.00040 I	0.00007 R		0.08153 R
Winter	0.01089 I	0.05334 R	0.01530 I	0.00052 I	0.00101 I	0.00040 I	0.00007 R		0.08153 R

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh and Non-low Income PPP rate (Non-LI-PPP) \$0.00051 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00769 /kWh.

(Continued)

1C10

Advice Ltr. No. 2840-E

Decision No. \_\_\_\_\_

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San Diego Gas & Electric Company  
San Diego, California

Revised Cal. P.U.C. Sheet No. 27015-E

Canceling Revised Cal. P.U.C. Sheet No. 26509-E

**SCHEDULE TOU-PA**

Sheet 1

POWER - AGRICULTURAL TIME OF USE SERVICE

APPLICABILITY

This Schedule is available to customers whose monthly maximum demand does not exceed 500kW for three consecutive months for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132.

This schedule is the Utility's standard tariff for agricultural customers meeting the applicability of this Schedule. The applicable commodity schedule for customers taking service on this Schedule below 200 kW is EECC; the applicable commodity schedule for customers taking service on this Schedule equal to or above 200 kW is EECC-CPP-D-AG. Customers may exercise the right to opt-out of Schedule EECC-CPP-D-AG to their otherwise applicable Utility Distribution Company and commodity rates. For opt-out provisions, refer to the Schedule EECC-CPP-D-AG.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00188) per kWh, which will display as a separate line item per Schedule GHG-ARR

TERRITORY

Within the entire territory served by the utility.

(Continued)

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**SCHEDULE TOU-PA**  
**POWER - AGRICULTURAL TIME OF USE SERVICE**

Sheet 2

RATES

Description - TOU-PA	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<b>TOU-PA &lt; 20 kW</b>									
<u>Basic Service Fee</u> (\$/month)		18.23							18.23
<u>Energy Charges</u>									
Summer									
On-Peak	0.01089	0.05334	R 0.01530	0.00052	0.00101	0.00040	0.00007	R	0.08153 R
Semi-Peak	0.01089	0.05334	R 0.01530	0.00052	0.00101	0.00040	0.00007	R	0.08153 R
Off-Peak	0.01089	0.05334	R 0.01530	0.00052	0.00101	0.00040	0.00007	R	0.08153 R
Winter									
On-Peak	0.01089	0.05334	R 0.01530	0.00052	0.00101	0.00040	0.00007	R	0.08153 R
Semi-Peak	0.01089	0.05334	R 0.01530	0.00052	0.00101	0.00040	0.00007	R	0.08153 R
Off-Peak	0.01089	0.05334	R 0.01530	0.00052	0.00101	0.00040	0.00007	R	0.08153 R
<b>TOU-PA ≥ 20 kW</b>									
<u>Basic Service Fee</u> (\$/month)		21.87							21.87
<u>Energy Charges</u>									
Summer									
On-Peak	0.01089	0.05334	R 0.01530	0.00052	0.00101	0.00040	0.00007	R	0.08153 R
Semi-Peak	0.01089	0.05334	R 0.01530	0.00052	0.00101	0.00040	0.00007	R	0.08153 R
Off-Peak	0.01089	0.05334	R 0.01530	0.00052	0.00101	0.00040	0.00007	R	0.08153 R
Winter									
On-Peak	0.01089	0.05334	R 0.01530	0.00052	0.00101	0.00040	0.00007	R	0.08153 R
Semi-Peak	0.01089	0.05334	R 0.01530	0.00052	0.00101	0.00040	0.00007	R	0.08153 R
Off-Peak	0.01089	0.05334	R 0.01530	0.00052	0.00101	0.00040	0.00007	R	0.08153 R

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 per kWh and Non-low Income PPP rate (Non-LI-PPP) \$0.00051 per kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00769 per kWh.

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Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC (Electric Energy Commodity Cost) and Schedule DWR-BC (Department of Water Resources Bond Charge).

(Continued)



San Diego Gas & Electric Company  
San Diego, California

Revised Cal. P.U.C. Sheet No. 27017-E

Canceling Revised Cal. P.U.C. Sheet No. 26513-E

**SCHEDULE PA-T-1**

Sheet 1

EXPERIMENTAL POWER - AGRICULTURAL - OPTIONAL TIME-OF-USE

APPLICABILITY

This is an optional schedule provided by the utility, on an experimental basis, for the purpose of evaluating time varying rates. Available to agricultural and water pumping customers whose Maximum Monthly Demand is expected to be above 500 kw and who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is also available to those agricultural and water pumping customers whose maximum demand is less than 500 kw who are installing or have installed facilities or procedures to reduce their annual on-peak energy consumption by 1,500 kWhrs and are also classified by the above NAICS Codes. Service under this schedule is subject to meter availability. Customers on this Schedule whose Monthly Maximum Demand is not less than 200 kW will also take commodity service on Schedule EECC-CPP-D-AG. Customers on this Schedule whose Monthly Maximum Demand is less than 200 kW must also take commodity service; their standard commodity schedule is EECC, they may optionally elect Schedule EECC-CPP-D-AG, or if they are less than 20 kW they may choose Schedule EECC-TOU-PA-P in which case their Utility Distribution Company service rate would be Schedule TOU-PA. In addition, customers may exercise the right to opt-out of the applicable dynamic rate (e.g., EECC-CPP-D-AG or EECC-TOU-PA-P) to their otherwise applicable Utility Distribution Company and commodity rates. For opt-out provisions, refer to the applicable commodity tariff.

Small Business Customers, as defined in Rule 1 and not identified by the California Air Resources Board as Emission Intensive, Trade-Exposed Entities (EITE), qualify for a California Climate Credit of \$(0.00188) per kWh, which will display as a separate line item per Schedule GHG-ARR.

TERRITORY

Within the entire territory served by the Utility.

(Continued)

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**SCHEDULE PA-T-1**

EXPERIMENTAL POWER - AGRICULTURAL - OPTIONAL TIME-OF-USE

RATES

Description – PA-T-1	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Basic Service Fees</u>		65.93							65.93
<u>Time-Of-Use (TOU) Demand</u>									
Secondary		12.38	R						12.38 R
Primary		12.31	R						12.31 R
Transmission		0.00							0.00
<u>Non-Coincident Demand (\$/kW)</u>									
Secondary	4.83	R	0.00				0.02		4.85 R
Primary	4.68	R	0.00				0.02		4.70 R
Transmission	0.00		0.00				0.02		0.02
<u>Demand On-Peak Summer</u>									
<u>Option C</u>									
Secondary		0.00			0.00				0.00
Primary		0.00			0.00				0.00
Transmission		0.00			0.00				0.00
<u>Option D</u>									
Secondary									
Primary									
Transmission									
<u>Option E</u>									
Secondary		0.00			0.00				0.00
Primary		0.00			0.00				0.00
Transmission		0.00			0.00				0.00
<u>Option F</u>									
Secondary		0.00			0.00				0.00
Primary		0.00			0.00				0.00
Transmission		0.00			0.00				0.00
<u>Demand On-Peak Winter</u>									
<u>Option C</u>									
Secondary		0.00			0.00				0.00
Primary		0.00			0.00				0.00
Transmission		0.00			0.00				0.00

(Continued)

2C10

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**SCHEDULE PA-T-1**

Sheet 3

EXPERIMENTAL POWER - AGRICULTURAL - OPTIONAL TIME-OF-USE

RATES (Continued)

Description – PA-T-1	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Option D</u>									
Secondary		0.00			0.00				0.00
Primary		0.00			0.00				0.00
Transmission		0.00			0.00				0.00
<u>Option E</u>									
Secondary		0.00			0.00				0.00
Primary		0.00			0.00				0.00
Transmission		0.00			0.00				0.00
<u>Option F</u>									
Secondary		0.00			0.00				0.00
Primary		0.00			0.00				0.00
Transmission		0.00			0.00				0.00
<u>Demand Semi-Peak</u>									
Secondary	0.00	0.00			0.00		0.00		0.00
Primary	0.00	0.00			0.00		0.00		0.00
Transmission	0.00	0.00			0.00		0.00		0.00
<u>On-Peak Energy: Summer</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
Transmission	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
<u>Semi-Peak Energy: Summer</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
Transmission	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
<u>Off-Peak Energy: Summer</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
Transmission	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
<u>On-Peak Energy: Winter</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
Transmission	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
<u>Semi-Peak Energy: Winter</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
Transmission	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
<u>Off-Peak Energy: Winter</u>									
Secondary	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
Primary	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753
Transmission	(0.00951)	0.00281 R	0.01238	0.00052	0.00101	0.00031	0.00001 R		0.00753

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of: Low Income PPP rate (LI-PPP) \$0.00710 /kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00038 /kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), and Procurement Energy Efficiency Surcharge Rate of \$0.00490 /kWh.

Minimum Charge

The minimum charge shall be the Basic Service Fee.

(Continued)

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**SCHEDULE S**  
**STANDBY SERVICE**

Sheet 1

APPLICABILITY

Applicable for service to any customer with an electric generator that is operated in parallel with the Utility. If another Rate Schedule provides for applicable service to the customer as an option, then this Rate Schedule will become an option to that customer. The service provided on this Rate Schedule is standby or breakdown service where all or part of the customer's electrical requirements are supplied by a generation source, other than the Utility, which is located on the customer's premises. This schedule is not applicable to customers who have chosen, in the generation agreement, to sell power to the Utility on a simultaneous purchase and sale basis.

Solar Customers who are taking service under the Utility's Net Energy Metering tariff are exempt from standby charges. In addition, Solar Customers which are less than or equal to one megawatt to serve load and who do not sell power or make more than incidental export of power into the Utility's power grid are also exempt from standby charges. Non solar customers taking service under one of SDG&E's Net Energy Metering schedules may be exempt from standby charges pursuant to PU Code Section 2827.

TERRITORY

Within the entire territory served by the Utility.

RATES

Description - S	Transm	Distr	PPP	ND	CTC	LGC	RS	TRAC	UDC Total
<u>Contract Demand (\$/kW)</u>									
Secondary	5.61	R 7.24	R				0.02	R	12.87 R
Primary	5.41	R 7.20	R				0.02	R	12.63 R
Secondary Substation	5.61	R					0.02	R	5.63 R
Primary Substation	5.41	R					0.02	R	5.43 R
Transmission	5.36	R					0.02	R	5.38 R

Regular Schedule Charges (to be added to Standby Charge):  
The charges as determined under the regularly filed schedule applicable to the service rendered.

Minimum Charge

The monthly minimum charge shall be the standby charge plus the minimum charge provisions of the regularly filed schedule applicable to the service rendered.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Trans) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), and (8) The Total Rate Adjustment Component (TRAC).

Utility Distribution Company (UDC) Total Rate shown above excludes any applicable commodity charges associated with Schedule EECC (Electric Energy Commodity Cost).

Certain Direct Access customers are exempt from the TRAC, as defined in Rule 1 – Definitions.

(Continued)



**SCHEDULE DWR-BC**

Sheet 1

DEPARTMENT OF WATER RESOURCES BOND CHARGE

APPLICABILITY

This schedule is applicable to all 1) electric commodity customers, 2) direct access customers who are responsible for the Direct Access Cost Responsibility Surcharge shown on Schedule DA-CRS, 3) customers participating in Community Choice Aggregation as set forth on Schedule CCA and 4) customer generation departing load customers as set forth on Schedule CGDL-CRS. Customers receiving discounts under the California Alternate Rates for Energy (CARE) Program and customers receiving a medical baseline allowance are also exempt from this charge. The rate on this schedule is to be added to the rates from the customer's otherwise applicable schedule(s).

TERRITORY

Within the entire territory served by the Utility.

RATES

Pursuant to Commission Decision (D.) 02-10-063 (as modified by D.02-11-022 and D.02-12-082), D.03-04-030 and D.12-11-040), the Utility is required to impose this charge on its electric commodity customers, non-continuous direct access customers, and certain customer generation departing load customers to repay the California Department of Water Resources (DWR) for bond-related costs. The DWR issued bonds to repay its debt associated with purchasing power on behalf of California energy consumers.

Energy rate, \$/kWh ..... 0.00539

Municipal Surcharge: Amounts calculated under this Schedule are subject to a municipal surcharge as provided in Sections 6350 through 6354.1 of the Public Utilities Code.

SPECIAL CONDITIONS

1. Definitions. The Definitions of principal terms used in this schedule are found either herein or in Rule 1, Definitions.
2. Customer Generation Departing Load: The bond charge obligation for customer generation departing load will be based on metered consumption. If reliable metered consumption information is not made available to the utility, the utility will estimate the consumption based on that customer's historical load at the time the customer discontinues or reduces retail services with the utility.

1C10

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**SCHEDULE DA-CRS**

Sheet 2

**DIRECT ACCESS COST RESPONSIBILITY SURCHARGE**

RATES

Pursuant to D.06-07-030, the cap per kWh associated with the DA-CRS was lifted. Accordingly, the DA-CRS will be administered as set forth below.

**POWER CHARGE INDIFFERENCE ADJUSTMENT (PCIA) (\$/kWh)**

Customer Class	Old World Generation	2009 Vintage	2010 Vintage	2011 Vintage	2012 Vintage	2013 Vintage
<b>Residential</b>						
Non-continuous	\$0.00000 R					
<b>Small Commercial</b>						
Non-continuous	\$0.00000 R					
New Non-continuous		\$0.00006 R	\$0.00280 R	\$0.01074 I	\$0.01271 I	\$0.01242 I
New Continuous		\$0.00027 R	\$0.00302 R	\$0.01095 I	\$0.01292 I	\$0.01263 I
<b>Medium/Large Commercial &amp; Industrial</b>						
Non-continuous	\$0.00000 R					
New Non-continuous		\$0.00005 R	\$0.00215 R	\$0.00824 I	\$0.00976 I	\$0.00954 I
New Continuous		\$0.00021 R	\$0.00232 R	\$0.00841 I	\$0.00992 I	\$0.00970 I
<b>Agricultural</b>						
Non-continuous	\$0.00000 R					
New Non-continuous		\$0.00004 R	\$0.00158 R	\$0.00606 I	\$0.00717 I	\$0.00701 I
New Continuous		\$0.00015 R	\$0.00170 R	\$0.00618 I	\$0.00729 I	\$0.00713 I
<b>Lighting</b>						
Non-continuous	\$0.00000					
New Non-continuous		\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
New Continuous		\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000

Municipal Surcharge: Amounts calculated under this Schedule are subject to a municipal surcharge as provided in Sections 6350 through 6354.1 of the Public Utilities Code.

(Continued)

2C8

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**SCHEDULE DA-CRS**

Sheet 3

DIRECT ACCESS COST RESPONSIBILITY SURCHARGE

**POWER CHARGE INDIFFERENCE ADJUSTMENT (PCIA) (\$/kWh)**

Customer Class	2014 Vintage	2015 Vintage	2016 Vintage N
<b>Residential</b>			
Non-continuous			
<b>Small Commercial</b>			
Non-continuous			
New Non-continuous	\$0.01245 I	\$0.01248 I	\$0.01451 N
New Continuous	\$0.01266 I	\$0.01269 I	\$0.01472 N
<b>Medium/Large Commercial &amp; Industrial</b>			
Non-continuous			
New Non-continuous	\$0.00956 I	\$0.00959 I	\$0.01114 N
New Continuous	\$0.00972 I	\$0.00975 I	\$0.01130 N
<b>Agricultural</b>			
Non-continuous			
New Non-continuous	\$0.00703 I	\$0.00705 I	\$0.00819 N
New Continuous	\$0.00715 I	\$0.00717 I	\$0.00831 N
<b>Lighting</b>			
Non-continuous			
New Non-continuous	\$0.00000	\$0.00000	\$0.00000 N
New Continuous	\$0.00000	\$0.00000	\$0.00000 N

Municipal Surcharge: Amounts calculated under this Schedule are subject to a municipal surcharge as provided in Sections 6350 through 6354.1 of the Public Utilities Code.

(Continued)

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**SCHEDULE DA-CRS**

Sheet 4

DIRECT ACCESS COST RESPONSIBILITY SURCHARGE

Composition of Vintaged Rate: The Vintaged DA-CRS is applicable to bundled service DA Eligible customers whose three-year commitment to Bundled Portfolio Service has expired and that provide a 6-month advanced notice to switch to DA Service on or after July 1, 2009.

- a. For Non-continuous DA Customers, the Vintaged DA-CRS is comprised of the following components: 1) DWR Bond Charge as shown on Schedule DWR-BC 2) Ongoing Competition Transition Charge (CTC) as shown on the customer's otherwise applicable rate schedule, and 3) DWR Power Charge Indifference Adjustment (PCIA)<sup>1</sup>, formerly the DWR Power Charge.

For example, for Non-continuous DA Customers,

$$\text{Applicable DA-CRS} = \text{DWR-BC} + \text{CTC} + \text{Applicable PCIA}$$

- b. For New Non-continuous DA Customers, the Vintaged DA-CRS is comprised of the following components: 1) DWR Bond Charge as shown on Schedule DWR-BC 2) Ongoing Competition Transition Charge (CTC) as shown on the customer's otherwise applicable rate schedule, and 3) DWR Power Charge Indifference Adjustment (PCIA), applicable to New Non-continuous DA customers as:

For example, for New Non-continuous DA Customers,

$$\text{Applicable DA-CRS} = \text{DWR-BC} + \text{CTC} + \text{Applicable PCIA}$$

- c. For New Continuous DA Customers, the Vintaged DA-CRS is comprised of the following components: 1) Ongoing Competition Transition Charge as shown on the customer's otherwise applicable rate schedule, and 2) PCIA applicable to New Continuous DA customers. New Continuous DA customers shall retain the exemption from the charges under Schedule DWR-BC.

For example, for New Continuous DA Customers,

$$\text{Applicable DA-CRS} = \text{CTC} + \text{Applicable PCIA}$$

The applicable vintaged rate shall be determined by the date of the customer's 6-month notice to switch to DA Service. Customers whose 6-month notice is provided on or after January 1<sup>st</sup> and before July 1<sup>st</sup> shall be billed the vintaged rate for the prior year. Customers whose 6-month notice is provided on or after July 1<sup>st</sup> and before January 1<sup>st</sup> shall be billed the vintaged rate for the current year.

<sup>1</sup> The Power Charge Indifference Adjustment or "PCIA" is calculated by subtracting the ongoing CTC differentiated by class from the Utility's above or below market total portfolio power costs. If the PCIA is positive then Direct Access and Departing Load customers are responsible for the balance. If the PCIA is negative then the balance is tracked by the Utility and used to offset future above market costs. The Utility's total portfolio power costs consist of its retained generation power costs and the Utility's allocated DWR power costs compared to the approved market price benchmark.

(Continued)



**SCHEDULE DA-CRS**

DIRECT ACCESS COST RESPONSIBILITY SURCHARGE

MAPPING OF RATE SCHEDULES TO CUSTOMER CLASS

Customer Class	Rate Schedule
Residential	DR, DR-LI, DM, DS, DT, DT-RV, EV-TOU, EV-TOU-2, EV-TOU-3, DR-TOU, DR-TOU-DER, DR-SES
Small Commercial	A, A-TC, A-TOU, UM
Medium/Large Commercial & Industrial	AD, AL-TOU, AL-TOU-DER, AY-TOU, A6-TOU, PA-T-1, DG-R, OL-TOU
Agricultural	PA
Lighting	LS-1, LS-2, LS-3, DWL, OL-1, OL-2

SPECIAL CONDITIONS

1. Definitions: The definitions of principal terms used in this Schedule are found either herein or in Rule 1, Definitions.
2. The following exemptions shall apply to this Schedule:
  - a. California Alternate Rates for Energy (CARE) and Medical Baseline Customers: Effective November 15, 2002, pursuant to D.02-10-063, as modified by D.02-12-082, customers receiving a discount under the CARE program and customers receiving a medical baseline allowance are exempt from paying the DWR Bond Charge component of the DA-CRS. Effective June 30, 2003, pursuant to Resolution E-3813, these customers are exempt from paying the Power Charge Indifference Adjustment component of the DA-CRS. These customers are not exempt from the ongoing CTC and will be billed for these charges under their otherwise applicable rate schedule.
  - b. Pursuant to Senate Bill (SB) 423, qualified nonprofit charitable organizations eligible to enter into an agreement for DA service with an electric Energy Service Provider (ESP) to receive electric commodity service free of charge from the ESP will be subject to the provisions and applicable charges under Schedule CCA-CRS.



**SCHEDULE CCA-CRS**

Sheet 1

COMMUNITY CHOICE AGGREGATION COST RESPONSIBILITY SURCHARGE

APPLICABILITY

The Community Choice Aggregation Cost Responsibility Surcharge (CCA-CRS) is applicable to all Community Choice Aggregation (CCA) customers, as defined in Rule 1, who receive procured energy services from a Community Choice Aggregator. Pursuant to Senate Bill (SB) 423, qualified nonprofit charitable organizations eligible to enter into an agreement for Direct Access (DA) service with an electric Energy Service Provider (ESP) to receive electric commodity service free of charge from the ESP will be subject to the provisions and applicable charges under this schedule.

TERRITORY

Within the entire territory served by the Utility.

RATES

**POWER CHARGE INDIFFERENCE ADJUSTMENT (PCIA) (\$/kWh)**

Customer Class CCA-CRS	2009 Vintage	2010 Vintage	2011 Vintage	2012 Vintage	2013 Vintage	2014 Vintage	2015 Vintage	2016 Vintage	N
Residential	\$0.00005 R	\$0.00247 R	\$0.00946 I	\$0.01120 I	\$0.01094 I	\$0.01097 I	\$0.01100 I	\$0.01278	N
Small Commercial	\$0.00006 R	\$0.00280 R	\$0.01074 I	\$0.01271 I	\$0.01242 I	\$0.01245 I	\$0.01248 I	\$0.01451	N
Med/Large Commercial & Industrial	\$0.00005 R	\$0.00215 R	\$0.00824 I	\$0.00976 I	\$0.00954 I	\$0.00956 I	\$0.00959 I	\$0.01114	N
Agricultural	\$0.00004 R	\$0.00158 R	\$0.00606 I	\$0.00717 I	\$0.00701 I	\$0.00703 I	\$0.00705 I	\$0.00819	N
Lighting	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	N

The rate shown above is in addition to Utility Distribution Company Total Rates (UDC Total) shown under the CCA customer's otherwise applicable rate schedule, and is in addition to the Department of Water Resources Bond Charge shown on Schedule DWR-BC.

MAPPING OF RATE SCHEDULES TO CUSTOMER CLASS

Customer Class	Rate Schedule
Residential	DR, DR-LI, DM, DS, DT, DT-RV, EV-TOU, EV-TOU-2, EV-TOU-3, DR-TOU, DR-TOU-DER, DR-SES
Small Commercial	A, A-TC, A-TOU, UM
Medium/Large Commercial & Industrial	AD, AL-TOU, AL-TOU-DER, AY-TOU, A6-TOU, DG-R, OL-TOU
Agricultural	PA, PA-T-1
Lighting	LS-1, LS-2, LS-3, DWL, OL-1, OL-2

(Continued)





**SCHEDULE UM**

Sheet 1

UNMETERED ELECTRIC SERVICE

APPLICABILITY

Applicable to unmetered service of industries that require single-phase bundled electric service to operate devices that may be mounted on existing Utility facilities, or other facilities approved by the Utility and are unmetered. Where the Utility determines it is impractical to provide single-phase service under this Schedule, three-phase service will be provided. Customers must execute a contract with the Utility for service under this Schedule, and must execute a Pole Attachment Agreement when devices are attached to Utility-owned facilities.

TERRITORY

Within the entire territory served.

RATES

Description	Transm	Distr	PPP	ND	CTC	LGC	RS	DWR BC	UDC Total	EECC + DWR Credit	Total Rate \$/Month											
Basic Service Fee (\$/mo/device)			\$6.01																			
<b>Fixed Energy Charge - \$/Device/Month</b>																						
Tier	kWh/Month/Device																					
1	0-50	1.54		3.65	R	0.80		0.03		0.09		0.02	0.01	0.27		6.14	R	4.19	R	10.60	R	
2	51-100	3.08		7.31	R	1.61		0.05		0.19		0.04	0.01	R	0.54		12.29	R	8.39	R	21.22	R
3	101-150	4.62		10.96	R	2.41		0.08		0.28		0.06	0.02	R	0.81		18.43	R	12.58	R	31.82	R
4	151-200	6.15		14.61	R	3.22		0.10		0.37		0.08	0.03	R	1.08		24.56	R	16.78	R	42.42	R
5	201-250	7.69		18.27	R	4.02		0.13		0.47		0.10	0.04	R	1.35		30.72	R	20.97	R	53.04	R
6	251-300	9.23		21.92	R	4.83		0.16		0.56		0.12	0.04	R	1.62		36.86	R	25.16	R	63.64	R
7	301-350	10.77		25.57	R	5.63		0.18		0.65		0.14	0.05	R	1.89		42.99	R	29.36	R	74.24	R
8	351-400	12.31		29.23	R	6.44		0.21		0.74		0.16	0.06	R	2.16		49.15	R	33.55	R	84.86	R
9	401-450	13.85		32.88	R	7.24		0.23		0.84		0.18	0.06	R	2.43		55.28	R	37.74	R	95.45	R
10	451-500	15.39		36.54	R	8.05		0.26		0.93		0.20	0.07	R	2.70		61.44	R	41.93	R	106.07	R
11	501-900	27.69		65.76	R	14.48		0.47		1.67		0.36	0.13	R	4.85		110.56	R	75.48	R	190.89	R
12	901-1350	41.54		98.64	R	21.72		0.70		2.51		0.54	0.19	R	7.28		165.84	R	113.22	R	286.34	R
13	1351-1800	55.39		131.53	R	28.96		0.94		3.35		0.72	0.25	R	9.70		221.14	R	150.96	R	381.80	R
14	1801-2250	69.23		164.41	R	36.20		1.17		4.19		0.90	0.32	R	12.13		276.42	R	188.70	R	477.25	R
15	2251-2700	83.08		197.29	R	43.44		1.40		5.02		1.08	0.38	R	14.55		331.69	R	226.44	R	572.68	R

Notes: Transmission Energy Charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00081) per kWh, and Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00870) per kWh. PPP rate is composed of Low Income PPP rate of \$0.00710 /kWh; the Non-low Income PPP rate of \$0.00066 /kWh, Procurement Energy Efficiency Surcharge rate of \$0.00833 /kWh and the EECC Rate includes a DWR Credit rate of \$(0.00021) per kWh.

Rate Components

The Utility Distribution Company Total Rates (UDC Total) shown above are comprised of the following components (if applicable): (1) Transmission (Transm) Charges, (2) Distribution (Distr) Charges, (3) Public Purpose Program (PPP) Charges, (4) Nuclear Decommissioning (ND) Charge, (5) Ongoing Competition Transition Charges (CTC), (6) Local Generation Charge (LGC), (7) Reliability Services (RS), (8) Total Rate Adjustment Component (TRAC), and (9) Department of Water Resources Bond Charge (DWR-BC). The customer's total bill will reflect the UDC Total, the Electric Energy Commodity Cost (EECC), applicable taxes and/or franchise fees, in addition to the Basic Service Fee and applicable audit cost fees.

(Continued)



San Diego Gas & Electric Company  
San Diego, California

Revised Cal. P.U.C. Sheet No. \_\_\_\_\_  
 Revised \_\_\_\_\_  
 Canceling Revised Cal. P.U.C. Sheet No. \_\_\_\_\_

27023-E  
 27165-E  
 26944-E

**SCHEDULE EECC**

Sheet 1

ELECTRIC ENERGY COMMODITY COST

APPLICABILITY

Applicable to all customers who receive Utility Distribution Company (UDC) bundled service other than those customers taking service on EECC-TOU-DR-P, EECC-TOU-A-P, EECC-CPP-D, EECC-TOU-PA-P, EECC-CPP-D-AG and EECC-TBS. Time of Use periods are as defined in the corresponding UDC rate schedules.

TERRITORY

Applicable throughout the territory served by the Utility.

RATES

This schedule has two purposes: (1) billing UDC Bundled Service customers for commodity energy, which consists of Utility supplied electricity sold by SDG&E to its customers and Department of Water Resources (DWR) supplied electricity sold by DWR to SDG&E customers with SDG&E acting as billing agent; and (2) developing DWR and Utility Supplied Energy Percentage. The rate tables show EECC fixed billing rates for all retail rate schedules. The commodity rates do not include the DWR Bond Charge applicable under Schedule DWR-BC.

Commodity Rates

<u>Schedules DR, DM, DS, DT, DT-RV</u>	<u>(\$/kWh)</u>	
Summer		
Baseline	0.12986	R
101% - 130% of Baseline	0.12986	R
Above 130% of Baseline	0.12986	R
Winter		
Baseline	0.06625	R
101% - 130% of Baseline	0.06625	R
Above 130% of Baseline	0.06625	R
<u>Schedules DR-LI, and medical baseline customers</u>		
Summer		
Baseline	0.12986	R
101% to 130% of Baseline	0.12986	R
Above 130% of Baseline	0.12986	R
Winter		
Baseline	0.06625	R
101% to 130% of Baseline	0.06625	R
Above 130% of Baseline	0.06625	R
<u>Schedules E-LI (Non-Resident CARE)</u>		
<u>E-LI for Schedules A, A-TOU, TOU-A</u>		
Summer	0.07005	R
Winter	0.04954	R

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**SCHEDULE EECC**

Sheet 2

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

<u>E-LI for Schedules AL-TOU, AY-TOU, DG-R</u>	<u>(\$/kWh)</u>	
Summer	0.06888	R
Winter	0.04871	R
<u>Schedules DR-TOU, DR-TOU-CARE, DR-TOU-MB</u>		
Summer		
On-Peak: Baseline	0.33099	R
On-Peak: 101% to 130% of Baseline	0.33099	R
On-Peak: Above 130% of Baseline	0.33099	R
Off-Peak: Baseline	0.08159	R
Off-Peak: 101% to 130% of Baseline	0.08159	R
Off-Peak: Above 130% of Baseline	0.08159	R
Winter		
On-Peak: Baseline	0.08444	R
On-Peak: 101% to 130% of Baseline	0.08444	R
On-Peak: Above 130% of Baseline	0.08444	R
Off-Peak: Baseline	0.07065	R
Off-Peak: 101% - 130% of Baseline	0.07065	R
Off-Peak: Above 130% of Baseline	0.07065	R
<u>Schedule DR-SES</u>		
Summer: On-Peak	0.33044	R
Summer: Semi-Peak	0.09551	R
Summer: Off-Peak	0.07353	R
Winter: Semi-Peak	0.08180	R
Winter: Off-Peak	0.06847	R
<u>Schedule EV-TOU</u>		
Summer		
On-Peak	0.32361	R
Off-Peak	0.08553	R
Super Off-Peak	0.04284	R
Winter		
On-Peak	0.08405	R
Off-Peak	0.07397	R
Super Off-Peak	0.05389	R
<u>Schedule EV-TOU 2</u>		
Summer		
On-Peak	0.32443	R
Off-Peak	0.08841	R
Super Off-Peak	0.04282	R
Winter		
On-Peak	0.08070	R
Off-Peak	0.07682	R
Super Off-Peak	0.05387	R

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**SCHEDULE EECC**

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)  
Commodity Rates (Continued)

<u>Schedule TOU-DR, TOU-DR-CARE,</u>	<u>(\$/kWh)</u>	
<u>TOU-DR-MB</u>		
Summer		
On-Peak	0.18175	R
Semi-Peak	0.12986	R
Off-Peak	0.09089	R
Winter		
On-Peak	0.09633	R
Semi-Peak	0.08245	R
Off-Peak	0.06320	R
<u>Schedule A</u>		
Summer		
Secondary	0.11707	R
Primary	0.11678	R
Winter		
Secondary	0.06051	R
Primary	0.06027	R
<u>Schedule A-TC</u>		
Summer	0.06302	R
Winter	0.06302	R
<u>Schedule A-TOU</u>		
Summer		
On-Peak	0.28445	R
Semi-Peak	0.12435	R
Off-Peak	0.10430	R
Winter		
On-Peak	0.08016	R
Semi-Peak	0.06840	R
Off-Peak	0.05219	R
<u>Schedule OL-TOU</u>		
Summer		
On-Peak	0.31638	R
Semi-Peak	0.13830	R
Off-Peak	0.11377	R
Winter		
On-Peak	0.08744	R
Semi-Peak	0.07461	R
Off-Peak	0.05693	R
<u>Schedule AD (Non-TOU)</u>		
Maximum Demand - Summer	(\$/kW)	
Secondary	9.14	R
Primary	9.09	R
Maximum Demand - Winter		
Secondary	0.00	
Primary	0.00	
<u>Energy</u>	(\$/kWh)	
Summer		
Secondary	0.08283	R
Primary	0.08249	R
Winter		
Secondary	0.07363	R
Primary	0.07334	R

(Continued)



**SCHEDULE EECC**

Sheet 4

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)  
Commodity Rates (Continued)

Schedule AD (TOU)

Maximum Demand - Summer	(\$/kW)	
Secondary	0.00	
Primary	0.00	
Maximum Demand - Winter		
Secondary	0.00	
Primary	0.00	
Maximum On-Peak Demand: Summer		
Secondary	9.81	R
Primary	9.76	R
Maximum On-Peak Demand: Winter		
Secondary	0.00	
Primary	0.00	
On-Peak Energy: Summer	(\$/kWh)	
Secondary	0.10435	R
Primary	0.10382	R
Semi-Peak Energy: Summer		
Secondary	0.09574	R
Primary	0.09529	R
Off-Peak Energy: Summer		
Secondary	0.07114	R
Primary	0.07089	R
On-Peak Energy: Winter		
Secondary	0.09758	R
Primary	0.09710	R
Semi-Peak Energy: Winter		
Secondary	0.08326	R
Primary	0.08289	R
Off-Peak Energy: Winter		
Secondary	0.06354	R
Primary	0.06333	R

Schedule TOU-A

(\$/kWh)

On-Peak Energy : Summer		
Secondary	0.14734	R
Primary	0.14658	R
Semi-Peak Energy: Summer		
Secondary	0.11707	R
Primary	0.11652	R
Off-Peak Energy: Summer		
Secondary	0.08122	R
Primary	0.08093	R
On-Peak Energy: Winter		
Secondary	0.08499	R
Primary	0.08457	R

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**SCHEDULE EECC**

Sheet 5

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Schedule TOU-A (Continued)

Semi-Peak Energy: Winter

Secondary	0.07274	R
Primary	0.07242	R

Off-Peak Energy: Winter

Secondary	0.05575	R
Primary	0.05556	R

Schedule AL-TOU

(\$/kW)

Maximum On-Peak Demand: Summer

Secondary	9.83	R
Primary	9.78	R
Secondary Substation	9.83	R
Primary Substation	9.78	R
Transmission	9.35	R

Maximum On-Peak Demand: Winter

Secondary		
Primary		
Secondary Substation		
Primary Substation		
Transmission		

On-Peak Energy: Summer

(\$/kWh)

Secondary	0.10641	R
Primary	0.10586	R
Secondary Substation	0.10641	R
Primary Substation	0.10586	R
Transmission	0.10120	R

Semi-Peak Energy: Summer

Secondary	0.09762	R
Primary	0.09717	R
Secondary Substation	0.09762	R
Primary Substation	0.09717	R
Transmission	0.09305	R

Off-Peak Energy: Summer

Secondary	0.07114	R
Primary	0.07088	R
Secondary Substation	0.07114	R
Primary Substation	0.07088	R
Transmission	0.06801	R

On-Peak Energy: Winter

Secondary	0.09759	R
Primary	0.09711	R
Secondary Substation	0.09759	R
Primary Substation	0.09711	R
Transmission	0.09293	R

Semi-Peak Energy: Winter

Secondary	0.08326	R
Primary	0.08290	R
Secondary Substation	0.08326	R
Primary Substation	0.08290	R
Transmission	0.07945	R

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**SCHEDULE EECC**

Sheet 6

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

Schedule AL-TOU (Continued)

Off-Peak Energy: Winter

Secondary	0.06354	R
Primary	0.06332	R
Secondary Substation	0.06354	R
Primary Substation	0.06332	R
Transmission	0.06077	R

Schedule DG-R

On-Peak Energy: Summer

Secondary	0.29717	R
Primary	0.29662	R
Secondary Substation	0.29717	R
Primary Substation	0.29662	R
Transmission	0.29196	R

Semi-Peak Energy: Summer

Secondary	0.14915	R
Primary	0.14870	R
Secondary Substation	0.14915	R
Primary Substation	0.14870	R
Transmission	0.14458	R

Off-Peak Energy: Summer

Secondary	0.12168	R
Primary	0.12142	R
Secondary Substation	0.12168	R
Primary Substation	0.12142	R
Transmission	0.11855	R

On-Peak Energy: Winter

Secondary	0.09759	R
Primary	0.09711	R
Secondary Substation	0.09759	R
Primary Substation	0.09711	R
Transmission	0.09293	R

Semi-Peak Energy: Winter

Secondary	0.08326	R
Primary	0.08290	R
Secondary Substation	0.08326	R
Primary Substation	0.08290	R
Transmission	0.07945	R

Off-Peak Energy: Winter

Secondary	0.06354	R
Primary	0.06332	R
Secondary Substation	0.06354	R
Primary Substation	0.06332	R
Transmission	0.06077	R

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**SCHEDULE EECC**

Sheet 7

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)  
Commodity Rates (Continued)

Schedule AY-TOU

Maximum On-Peak Demand: Summer

Secondary	9.83	R
Primary	9.78	R
Transmission	9.35	R

Maximum On-Peak Demand: Winter

Secondary		
Primary		
Transmission		

On-Peak Energy: Summer

Secondary	0.10641	R
Primary	0.10586	R
Transmission	0.10120	R

Semi-Peak Energy: Summer

Secondary	0.09762	R
Primary	0.09717	R
Transmission	0.09305	R

Off-Peak Energy: Summer

Secondary	0.07114	R
Primary	0.07088	R
Transmission	0.06801	R

On-Peak Energy: Winter

Secondary	0.09759	R
Primary	0.09711	R
Transmission	0.09293	R

Semi-Peak Energy: Winter

Secondary	0.08326	R
Primary	0.08290	R
Transmission	0.07945	R

Off-Peak Energy: Winter

Secondary	0.06354	R
Primary	0.06332	R
Transmission	0.06077	R

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**SCHEDULE EECC**

Sheet 8

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

<u>Schedule A6-TOU</u>	<u>(\$/kW)</u>	
Maximum Demand at Time of System Peak: Summer		
Primary	9.78	R
Primary Substation	9.78	R
Transmission	9.35	R
Maximum Demand at Time of System Peak: Winter		
Primary		
Primary Substation		
Transmission		
On-Peak Energy: Summer		
Primary	0.10586	R
Primary Substation	0.10586	R
Transmission	0.10120	R
Semi-Peak Energy: Summer		
Primary	0.09717	R
Primary Substation	0.09717	R
Transmission	0.09305	R
Off-Peak Energy: Summer		
Primary	0.07088	R
Primary Substation	0.07088	R
Transmission	0.06801	R
On-Peak Energy: Winter		
Primary	0.09711	R
Primary Substation	0.09711	R
Transmission	0.09293	R
Semi-Peak Energy: Winter		
Primary	0.08290	R
Primary Substation	0.08290	R
Transmission	0.07945	R
Off-Peak Energy: Winter		
Primary	0.06332	R
Primary Substation	0.06332	R
Transmission	0.06077	R

(Continued)

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**SCHEDULE EECC**

Sheet 9

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

Schedule PA-T-1

Demand: On-Peak Summer

**(\$/kW)**

Option C

Secondary	5.33	R
Primary	5.30	R
Transmission	5.07	R

Option D

Secondary	5.33	R
Primary	5.30	R
Transmission	5.07	R

Option E

Secondary	5.33	R
Primary	5.30	R
Transmission	5.07	R

Option F

Secondary	5.33	R
Primary	5.30	R
Transmission	5.07	R

Demand: On-Peak: Winter

Option C

Secondary		
Primary		
Transmission		

Option D

Secondary		
Primary		
Transmission		

Option E

Secondary		
Primary		
Transmission		

Option F

Secondary		
Primary		
Transmission		

On Peak Energy: Summer

**(\$/kWh)**

Secondary	0.09530	R
Primary	0.09481	R
Transmission	0.09063	R

Semi-Peak Energy: Summer

Secondary	0.09013	R
Primary	0.08971	R
Transmission	0.08591	R

Off-Peak Energy: Summer

Secondary	0.06299	R
Primary	0.06277	R
Transmission	0.06022	R

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**SCHEDULE EECC**

Sheet 10

ELECTRIC ENERGY COMMODITY COST

RATES (Continued)

Commodity Rates (Continued)

<u>Schedule PA-T-1 (Continued)</u>	<u>(\$/kWh)</u>	
On-Peak Energy: Winter		
Secondary	0.08919	R
Primary	0.08875	R
Transmission	0.08494	R
Semi-Peak Energy: Winter		
Secondary	0.07610	R
Primary	0.07576	R
Transmission	0.07262	R
Off-Peak Energy: Winter		
Secondary	0.05807	R
Primary	0.05787	R
Transmission	0.05554	R
<u>Schedule TOU-PA</u>		
< 20 kW		
Summer		
On-Peak Energy	0.16760	R
Semi-Peak Energy	0.13112	R
Off-Peak Energy	0.09239	R
Winter		
On-Peak Energy	0.06948	R
Semi-Peak Energy	0.05946	R
Off-Peak Energy	0.04557	R
≥ 20 kW		
On-Peak Demand Charge: Summer	3.54	R
On-Peak Demand Charge: Winter	0.00	
Summer		
On-Peak Energy	0.14766	R
Semi-Peak Energy	0.11552	R
Off-Peak Energy	0.08147	R
Winter		
On-Peak Energy	0.07826	R
Semi-Peak Energy	0.06698	R
Off-Peak Energy	0.05133	R
<u>Schedule PA</u>		
Summer	0.10035	R
Winter	0.06732	R
<u>Schedules LS-1, LS-2, LS-3, OL-1, and DWL</u>		
All Usage	0.06495	R
<u>Schedule OL-2</u>		
All Usage	0.08401	R

DWR Power Charge

Pursuant to CPUC Decision 15-12-003, DWR's Power Charge is 0.000 cents per kWh.

DWR Customer Return Credit

Pursuant to CPUC Decision 13-01-037 and Decision 15-12-003, DWR's Customer Return Credit is \$(0.00021) cents per kWh.

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**SCHEDULE EECC-TOU-DR-P**

Sheet 1

ELECTRIC COMMODITY COST  
TIME OF USE PLUS

APPLICABILITY

This optional tariff provides residential customers with the opportunity to manage their electric costs by either reducing load during high cost pricing periods defined as a Reduce Your Use (RYU) Event Day, or shifting load from high cost pricing periods to lower cost pricing periods. This Schedule is not applicable to commercial customers.

This Schedule is optionally available to customers receiving electric bundled service through a residential rate schedule that requires separate metering. Customers taking service under this Schedule will need to switch their Utility Distribution Company (UDC) service to Schedule TOU-DR. In order for this Schedule to take effect, the customer must have a smart meter installed, tested, and verified according to Utility procedures. California Alternate Rates for Energy (CARE) customers and customers participating in a demand response program are eligible for the service under this Schedule. This Schedule is not applicable to Direct Access (DA), Transitional Bundled Service (TBS) or Community Choice Aggregation (CCA) customers.

TERRITORY

Within the entire territory served by the Utility.

RATES

	<u>(\$/kWh)</u>	
RYU Event Period Adder	1.16	
TOU Energy Charges		
<u>Summer</u>		
On-Peak	0.13661	R
Semi-Peak	0.12505	R
Off-Peak	0.05671	R
<u>Winter</u>		
On-Peak	0.09633	R
Semi-Peak	0.08245	R
Off-Peak	0.06320	R

(Continued)



**SCHEDULE EECC-TOU-A-P**  
**ELECTRIC COMMODITY COST**  
**TIME OF USE PLUS**

RATES

<u>Ryu Event Period Adder</u>	<u>(\$/kWh)</u>	
Secondary	1.17	
Primary	1.16	
<u>TOU Energy Charges</u>		
<u>On-Peak – Summer</u>		
Secondary	0.10865	R
Primary	0.10809	R
<u>Semi-Peak – Summer</u>		
Secondary	0.08501	R
Primary	0.08461	R
<u>Off-Peak – Summer</u>		
Secondary	0.05989	R
Primary	0.05968	R
<u>On-Peak – Winter</u>		
Secondary	0.08499	R
Primary	0.08457	R
<u>Semi-Peak – Winter</u>		
Secondary	0.07274	R
Primary	0.07242	R
<u>Off-Peak – Winter</u>		
Secondary	0.05575	R
Primary	0.05556	R

Franchise Fee Differential

A Franchise Fee Differential of 5.78% will be applied to the total bills calculated under this Schedule for all customers residing within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

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**SCHEDULE EECC-TOU-PA-P**  
**ELECTRIC COMMODITY COST**  
**AGRICULTURAL TIME OF USE PLUS**

Sheet 1

APPLICABILITY

This optional tariff provides agricultural and water pumping customers with the opportunity to manage their electric costs by either reducing load during high cost pricing periods defined as a Reduce Your Use (RYU) Event Day, or shifting load from high cost pricing periods to lower cost pricing periods.

This Schedule is optionally available to customers whose monthly maximum demand does not exceed 20kW for more than three months during a twelve month period for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132.

In order for this Schedule to take effect, the customer must have a smart meter installed, tested, and verified according to Utility procedures. Customers taking service under this Schedule will need to switch their Utility Distribution Company (UDC) service to Schedule TOU-PA. This schedule is not applicable to Direct Access (DA), Transitional Bundled Service (TBS) or Community Choice Aggregation (CCA) customers.

TERRITORY

Within the entire territory served by the Utility.

RATES

	<u>(\$/kWh)</u>	
Reduce your Use (RYU) Event Period Adder	1.17523	R
TOU Energy Charges		
<u>Summer</u>		
On Peak	0.13874	R
Semi-Peak	0.10854	R
Off-Peak	0.07648	R
<u>Winter</u>		
On-Peak	0.06948	R
Semi-Peak	0.05946	R
Off-Peak	0.04557	R

(Continued)



**SCHEDULE EECC-CPP-D**  
**ELECTRIC COMMODITY COST**  
**CRITICAL PEAK PRICING DEFAULT**

Sheet 1

APPLICABILITY

Critical Peak Pricing Default (CPP-D) is a commodity tariff that provides customers with an opportunity to manage their electric costs by either reducing load during high cost pricing periods or shifting load from high cost pricing periods to lower cost pricing periods. Except as set forth below, this Schedule is the default commodity rate for customers currently receiving bundled utility service on a commercial/industrial rate schedule for customers whose Maximum Monthly Demand is equal to or exceeds or is expected to equal or exceed 20 kW for twelve consecutive months (e.g. schedule AL-TOU) and whose facility is equipped with the Appropriate Electric Metering, as described below in Special Condition (SC) 19. This Schedule is optionally available to a customer taking service under Schedules A-TOU, OL-TOU, AL-TOU, AY-TOU, or DG-R and whose demand is below 20 kW for three consecutive months. This Schedule is also optionally available to Expanded California Alternate Rates for Energy (CARE) customers. Customers taking service under this Schedule will continue to be subject to the terms and provisions of their otherwise applicable Utility Distribution Company tariff, unless superseded by conditions herein. Pursuant to the specific requirements set forth below, customers can opt-out from receiving service under this schedule and receive service under a different applicable commodity rate. This Schedule is not applicable to Direct Access (DA) or Community Choice Aggregation (CCA) customers.

A maximum of eighteen (18) CPP Events can be triggered on any day of the week, year round.

TERRITORY

Applicable throughout the entire territory served by the Utility.

RATES

Customers receiving service under this schedule shall be provided with Bill Protection for the first twelve months of service from the default date as described in Special Condition 8.

(\$/kWh)

CPP Event Day Adder

Secondary	1.15801	R
Primary	1.15204	R
Secondary Substation	1.15801	R
Primary Substation	1.15204	R
Transmission	1.10132	R

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**SCHEDULE EECC-CPP-D**  
**ELECTRIC COMMODITY COST**  
**CRITICAL PEAK PRICING DEFAULT**

Sheet 2

RATES (Continued)

(\$/kWh)

**Summer**

On-Peak Energy		
Secondary	0.10638	R
Primary	0.10583	R
Secondary Substation	0.10638	R
Primary Substation	0.10583	R
Transmission	0.10117	R
Semi-Peak Energy		
Secondary	0.09759	R
Primary	0.09714	R
Secondary Substation	0.09759	R
Primary Substation	0.09714	R
Transmission	0.09302	R
Off-Peak Energy		
Secondary	0.07114	R
Primary	0.07088	R
Secondary Substation	0.07114	R
Primary Substation	0.07088	R
Transmission	0.06801	R

**Winter**

On-Peak Energy		
Secondary	0.09759	R
Primary	0.09711	R
Secondary Substation	0.09759	R
Primary Substation	0.09711	R
Transmission	0.09293	R
Semi-Peak Energy		
Secondary	0.08326	R
Primary	0.08290	R
Secondary Substation	0.08326	R
Primary Substation	0.08290	R
Transmission	0.07945	R
Off-Peak Energy		
Secondary	0.06354	R
Primary	0.06332	R
Secondary Substation	0.06354	R
Primary Substation	0.06332	R
Transmission	0.06077	R

**Capacity Reservation Charge (\$/kW per Month)**

Secondary	5.55	R
Primary	5.52	R
Secondary Substation	5.55	R
Primary Substation	5.52	R
Transmission	5.28	R

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**SCHEDULE EECC-CPP-D-AG**

Sheet 1

ELECTRIC COMMODITY COST  
CRITICAL PEAK PRICING DEFAULT AGRICULTURAL

APPLICABILITY

Critical Peak Pricing Default Agricultural (CPP-D-AG) is a commodity tariff that provides agricultural customers with an opportunity to manage their electric costs by either reducing load during high cost pricing periods or shifting load from high cost pricing periods to lower cost pricing periods. Except as set forth below, this Schedule is the default commodity rate for customers currently receiving bundled utility service on either the Schedule TOU-PA, Power – Agricultural Time of Use Service or Schedule PA-T-1, Experimental Power – Agricultural – Optional Time-Of-Use whose Maximum Monthly Demand is equal to or exceeds or is expected to equal or exceed 200 kW for twelve consecutive months and whose facility is equipped with the Appropriate Electric Metering, as described below in Special Condition (SC) 19. Customers must have Appropriate Electric Metering to take service under this schedule, and will continue to be subject to the terms and provisions of their otherwise applicable UDC tariff, unless superseded by conditions herein. Pursuant to the specific requirements set forth below, customers can opt-out from receiving service under this schedule and receive service under a different applicable commodity rate. Customers on Schedules TOU-PA or PA-T-1 whose Maximum Monthly Demand is below 200 kW may optionally elect commodity service on this Schedule. This Schedule is not applicable to Direct Access (DA) or Community Choice Aggregation (CCA) customers.

A maximum of eighteen (18) CPP Events can be triggered on any day of the week, year round.

TERRITORY

Applicable throughout the entire territory served by the Utility.

RATES

Customers receiving service under this schedule shall be provided with Bill Protection for the first twelve months of service from the default date as described in Special Condition 8.

	<u>(\$/kWh)</u>	
<b><u>Schedule PA</u></b>		
<b>CPP Event Day Adder</b>	1.13199	R
<b>Summer</b>		
On-Peak Energy	0.14762	R
Semi-Peak Energy	0.11550	R
Off-Peak Energy	0.08147	R
<b>Winter</b>		
On-Peak Energy	0.07826	R
Semi-Peak Energy	0.06698	R
Off-Peak Energy	0.05133	R
<b><u>(\$/kW) per Month</u></b>		
<b>Capacity Reservation Charge</b>	1.81	R

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**SCHEDULE EECC-CPP-D-AG**

Sheet 2

ELECTRIC COMMODITY COST  
CRITICAL PEAK PRICING DEFAULT AGRICULTURAL

RATES (Continued)

<b>Schedule PA-T-1</b>	<b>(\$/kWh)</b>	
<b>CPP Event Day Adder</b>		
Secondary	1.83806	R
Primary	1.82857	R
Transmission	1.74804	R
<b>Summer</b>		
On-Peak Energy		
Secondary	0.09528	R
Primary	0.09479	R
Transmission	0.09062	R
Semi-Peak Energy		
Secondary	0.09011	R
Primary	0.08969	R
Transmission	0.08589	R
Off-Peak Energy		
Secondary	0.06299	R
Primary	0.06277	R
Transmission	0.06022	R
<b>Winter</b>		
On-Peak Energy		
Secondary	0.08919	R
Primary	0.08875	R
Transmission	0.08494	R
Semi-Peak Energy		
Secondary	0.07610	R
Primary	0.07576	R
Transmission	0.07262	R
Off-Peak Energy		
Secondary	0.05807	R
Primary	0.05787	R
Transmission	0.05554	R
<b>Capacity Reservation Charge</b>		
Secondary	2.93	R
Primary	2.92	R
Transmission	2.79	R

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San Diego Gas & Electric Company  
San Diego, California

Revised Cal. P.U.C. Sheet No. 27051-E

Canceling Revised Cal. P.U.C. Sheet No. 26919-E

**SCHEDULE GHG-ARR**

Sheet 1

GREENHOUSE GAS ALLOWANCE REVENUE RETURN

APPLICABILITY

This schedule is applicable, in combination with the customer's otherwise applicable rate schedule, to: 1) Residential customers, 2) Small businesses with monthly demand not exceeding 20 kilowatts in more than three months in a twelve-month period, 3) Customers identified by the California Air Resources Board (ARB) as Emissions-Intensive and Trade-Exposed Entities (EITE). Direct Access, Community Choice Aggregation, and Transitional Bundled Service customers are eligible to receive service on this schedule. This service is not applicable to customers on Schedule E-DEPART, unmetered, and lighting customers.

TERRITORY

Applicable throughout the territory served by the Utility.

RATES

Pursuant to Commission Decision (D.) 12-12-033, D.13-12-003 and D.15-12-032:

1) Residential Semi-Annual Credit

Eligible residential accounts receive a California (CA) Climate Credit, if applicable, each April 1st and October 1st. The credit will display on the customer's bill on the next scheduled bill date. Master-metered rate schedules DM, DS, DT, and DT-RV receive one credit per sub-unit. Credits are issued to all active accounts receiving electrical service on the date the credit is given. One credit will be given per household, so accounts with more than one service point receive only one credit. The discount for customers qualifying for California Alternate Rates for Energy (CARE) will be calculated before the CA Climate Credit is applied to ensure no impact to the benefits of the CARE program.

	<u>(April 1st &amp; October 1<sup>st</sup>)</u>
Residential Semi-Annual Credit	\$(17.44)

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**SCHEDULE GHG-ARR**

Sheet 2

GREENHOUSE GAS ALLOWANCE REVENUE RETURN

RATES (continued)

2) Small Business Volumetric On-Bill Credit

Eligible small businesses receive a CA Climate Credit based on their total monthly consumption.

<u>Small Commercial</u>	<u>(\$/kWh)</u>	
Schedules A, A-TC, TOU-A and A-TOU	(0.00199)	I
 <u>Medium and Large Commercial and Industrial</u>		
Schedules AD, AL-TOU, DGR and AY-TOU	(0.00179)	I
 <u>Agricultural</u>		
Schedules PA, TOU-PA, PA-T-1	(0.00188)	I

3) EITE Annual Credit

EITE Customers receive an annual allocation of GHG allowance revenue (CA Industry Assistance) from the State of California.

EITE Customer Designation: Pursuant to California Public Utility Commission (CPUC or Commission) Decisions (D.)12-12-033 and 14-12-037, an EITE Customer is defined as any entity in an industrial sector that qualifies for industry assistance under the California Air Resources Board's (CARB's) cap-and-trade regulation, including new market entrants as defined in D.14-12-037, regardless of the amount of emissions produced. Such entities are explicitly listed by North American Industry Classification System (NAICS) code. For the purposes of receiving GHG allowance revenue as an EITIE ("CA Industry Assistance"), the EITE Customer designation also includes (1) Small EITE Entities, which are defined as any facility that operates in a sector eligible for industry assistance that has annual direct emissions less than 25,000 MTCO<sub>2</sub>e (refer to Special Condition 6 below for special attestation requirements applicable to Small EITIE customers with annual direct emissions less than 10,000 MTCO<sub>2</sub>e ) and (2) Non-Covered Subsector Entities (refer to Special Condition 7 below for special attestation requirements). Bundled Service Customers, Direct Access Customers, Community Choice Aggregation Service Customers, Customers receiving Standby Service, and Customers that pay only Departing Load charges to SDG&E are all eligible to be designated as EITE for the purposes of receiving CA Industry Assistance. Customers previously designated as EITE that cease operations or that are no longer primarily dedicated to EITE-eligible industrial activities, as determined by the Commission's Energy Division, are not eligible to receive CA Industry Assistance on a going-forward basis.

(Continued)



**SCHEDULE GHG-ARR**

Sheet 3

GREENHOUSE GAS ALLOWANCE REVENUE RETURN

3) EITE Annual Credit (continued)

EITE Credit Amount Determination: An EITE Customer's annual CA Industry Assistance amount is determined by the Commission's Energy Division on a prospective basis pursuant to D.14-12-037, and the specific dollar amount of CA Industry Assistance calculated by the Energy Division for each EITE Customer is provided by the Energy Division to SDG&E. For EITE Customers that operate in multiple utility service territories, the amount of CA Industry Assistance is distributed in proportion to the Customer's purchases from each utility on an annual basis.

EITE Credit Disbursement: The annual GHG allowance revenue credit amounts are disbursed as a bill credit identified as "CA Industry Assistance" on the EITE Customer's April billing statement.<sup>1</sup> However, EITE Customers with direct emissions of 25,000 MTCO<sub>2</sub>e and higher may request to receive an annual check in lieu of the annual on-bill credit. Any EITE Customer that receives CA Industry Assistance via an on-bill credit may request a check for any remaining credit balance on the account.

Franchise Fees

A Franchise Fee Differential of 5.78% will be applied to the credits calculated under this schedule, for all customers residing within the corporate limits of the City of San Diego. The San Diego Franchise Fee Differential appears as a separate line item on bills.

SPECIAL CONDITIONS

1. Definitions. The definitions of principle terms used in this schedule are found either herein or in Rule 1, Definitions.
2. Derived Demand. If demand for determining the eligibility of a small business is unavailable, or less than 50% of the 15-minute interval data is available, demand will be derived by dividing the total kilowatt hours by the number days in the billing period times 24 hours.
3. Net Energy Metering. Volumetrically-based CA Climate Credits will net when customers generate.
4. Net Surplus Compensation. Checks issued to NEM customers electing an off-bill payment for Net Surplus Compensation will incorporate any remaining CA Climate Credits.
5. Master-Metered Customers. Customers receiving service under this schedule shall comply with the provisions of Public Utilities Code 739.5 in providing service to their sub-metered tenants.

<sup>1</sup> The first disbursement of CA Industry Assistance to EITE Customers will take place in 2015, but may not occur with the April billing statement. This disbursement will include GHG allowance revenues, with interest as applicable, from 2013, 2014 and 2015.

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Sheet 4

SCHEDULE OF RATES

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<u>Residential Rates</u>			
DR	Domestic Service .....	26948, 26949, 26950, 26951, 24222, 24223-E	T
DR-TOU	Domestic Time-of-Use Service .....	26952, 26953, 26954, 26955, 26956, 25904-E 25535, 26957-E	T T
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DR-SES	Domestic Households with a Solar Energy System	26962, 26571, 26963, 24335-E	T
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(Continued)

**Appendix L**

**Final Resolution of NEIL Claims and  
Litigation Costs**

**AL 2859**

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298



May 4, 2016

**Advice Letter 2859-E**

Clay Faber, Director  
Regulatory Affairs  
San Diego Gas and Electric  
8330 Century Park Court, CP32C  
San Diego, CA 92123-1548

**Subject: Submission of Documentation of Final Resolution of  
Nuclear Energy Insurance Limited ("NEIL") Claims  
and SDG&E's Associated Litigation Costs**

Dear Mr. Faber:

Advice Letter 2859-E is effective as of March 25, 2016.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph  
Director, Energy Division



Clay Faber  
Director  
Regulatory Affairs  
8330 Century Park Court  
San Diego, CA 92123-1548  
cfaber@semprautilities.com

February 24, 2016

**ADVICE LETTER 2859-E**  
(U-902-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

**SUBJECT: SUBMISSION OF DOCUMENTATION OF FINAL RESOLUTION OF NUCLEAR ENERGY INSURANCE LIMITED ("NEIL") CLAIMS AND SAN DIEGO GAS & ELECTRIC COMPANY'S ("SDG&E") ASSOCIATED LITIGATION COSTS**

### **PURPOSE**

This advice letter is filed pursuant to Section 4.11(i) of the Amended and Restated Settlement Agreement that the California Public Utilities Commission ("Commission") approved in Decision ("D.") 14-11-040 to document the final resolution of insurance claims brought against Nuclear Energy Insurance Limited ("NEIL") and the litigation costs San Diego Gas & Electric Company ("SDG&E") incurred.

### **BACKGROUND**

In D.14-11-040, the Commission approved an Amended and Restated Settlement Agreement between Southern California Edison Company ("SCE"), SDG&E, and four other parties, which resolved rate recovery issues related to the premature shutdown of the San Onofre Nuclear Generating Station ("SONGS") following a steam generator tube leak on January 31, 2012.

Among other things, the Amended and Restated Settlement Agreement requires SCE and SDG&E ("Utilities") to share with ratepayers certain potential litigation recoveries ("SONGS Litigation Recoveries"),<sup>1</sup> after deducting their litigation costs ("SONGS Litigation Costs").<sup>2</sup> The

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<sup>1</sup> Section 2.44 of the Amended and Restated Settlement Agreement defines "SONGS Litigation Recoveries" as "Any amounts received (whether by settlement, judicial order, arbitration award, or any other recovery) by the Utilities from NEIL and/or Mitsubishi or their respective affiliates in connection with the Utilities' efforts to pursue recovery of amounts in respect of the failure of the steam generators and subsequent permanent shut down of SONGS. . ."

<sup>2</sup> Section 2.43 of the Amended and Restated Settlement Agreement defines "SONGS Litigation Costs" as "All litigation costs recorded since January 31, 2012, including but not limited to fees paid to outside attorneys and experts, associated with pursuing and preparing to pursue SONGS Litigation Recoveries."

difference between the SONGS Litigation Recoveries and the SONGS Litigation Costs is called the SONGS Litigation Balance.<sup>3</sup>

With respect to any recoveries from NEIL (for the costs to purchase power to replace that lost from SONGS), the Amended and Restated Agreement provides for the Utilities to retain 5% of the SONGS Litigation Balance and to distribute the remaining 95% to ratepayers<sup>4</sup> "via a credit to each Utility's respective ERRR [Energy Resource Recovery Account] account."<sup>5</sup>

The Amended and Restated Settlement Agreement provides the Utilities with complete discretion to settle these litigation claims without Commission review, approval or disallowance as long as their SONGS Litigation Costs "are not exorbitant in relation to the recovery obtained."<sup>6</sup>

Consistent with this approach, Section 4.11(i) of the Amended and Restated Settlement Agreement states:

The Utilities shall submit to the CPUC documentation of any final resolution of third-party litigation and documentation of SONGS Litigation Costs. The Utilities may submit such documentation subject to Public Utilities Code §583. Further, the Utilities are not required to submit privileged documents. The CPUC may review such documents to ensure that ratepayer credits are accurately calculated, and to ensure that the SONGS Litigation Costs are not exorbitant in relation to the recovery obtained.

## **DISCUSSION**

On November 11, 2015, the Utilities entered into a settlement agreement with NEIL that resolves all issues between the Utilities and NEIL. Under the terms of this agreement, NEIL paid SDG&E \$80 million.

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<sup>3</sup> Section 2.42 of the Amended and Restated Settlement Agreement defines "SONGS Litigation Balance" as "The total SONGS Litigation Recoveries, net of SONGS Litigation Costs."

<sup>4</sup> See Section 4.11(c)(ii) of the Amended and Restated Settlement Agreement. Section 4.11(a) of the Amended and Restated Settlement Agreement required the Utilities to establish two separate memorandum subaccounts related to NEIL – a "NEIL Outage Memorandum Subaccount" and a "NEIL Other Recoveries Memorandum Subaccount" – but all of SDG&E's NEIL-related costs and recoveries have been recorded in its NEIL Outage Memorandum Subaccount.

<sup>5</sup> See Section 4.11(d) (i) of the Amended and Restated Settlement Agreement.

<sup>6</sup> Section 4.11(f) of the Amended and Restated Settlement Agreement states: "In consideration of the sharing of net SONGS Litigation Recoveries, the Utilities shall have complete discretion to settle, compromise, or otherwise resolve claims against NEIL and/or Mitsubishi in any manner and whenever the Utilities determine, in the exercise of their business judgment, without prior or subsequent review or approval, disapproval, or disallowance by the CPUC or any parties to this OII [Order Instituting Investigation 12-10-013], except as provided in 4.11(g)(ii)(y)." Section 4.11(g)(ii) of the Amended and Restated Settlement Agreement states: "The CPUC shall not review the reasonableness or prudence of the Utilities' litigation, settlement, compromise, or other resolution of such claims and shall not impose any ratemaking adjustment in respect of such claims except (x) as expressly provided in this Agreement, and (y) the CPUC may review SONGS Litigation Costs to ensure they are not exorbitant in relation to the recovery obtained."

SDG&E incurred \$1,113,426.05 in litigation costs in pursuit of the recoveries from NEIL (see documentation set forth in Confidential Attachment A). SDG&E's SONGS Litigation Costs represent approximately 1% of the recovery obtained from NEIL and, as such, clearly are not "exorbitant in relation to the recovery obtained."

The SONGS Litigation Balance that is subject to the sharing mechanism set forth in Section 4.11(c)(ii) of the Amended and Restated Settlement Agreement is \$78,891,083.95 = \$80,000,000 (SONGS Litigation Recoveries) - \$1,113,426.05 (SONGS Litigation Costs) + \$4,510.00 (interest).

After deducting its SONGS Litigation Costs from its SONGS Litigation Recoveries (and adding interest), SDG&E will return 95% of the balance (\$74,946,529.75) to ratepayers via a credit to SDG&E's ERRRA account and retain 5% of the balance (\$3,944,554.20).<sup>7</sup>

### **EFFECTIVE DATE**

SDG&E believes this Advice Letter is subject to Energy Division disposition and should be classified as Tier 2 (effective pending disposition) pursuant to GO 96-B. SDG&E respectfully requests that this filing become effective on March 25, 2016, 30 days from the date filed.

### **PROTEST**

Anyone may protest this Advice Letter to the California Public Utilities Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received no later than March 15, 2016 which is 20 days of the date this Advice Letter was filed with the Commission. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue  
San Francisco, CA 94102

Copies of the protest should also be sent via e-mail to the attention of the Energy Division at [EDTariffUnit@cpuc.ca.gov](mailto:EDTariffUnit@cpuc.ca.gov). A copy of the protest should also be sent via e-mail to the address shown below on the same date it is mailed or delivered to the Commission.

Attn: Megan Caulson  
Regulatory Tariff Manager

---

<sup>7</sup> Under Section 4.11(b) of the Amended and Restated Settlement Agreement: "If there is a negative balance (i.e., SONGS Litigation Costs are less than SONGS Litigation Recoveries) in any memorandum account as of December 31, 2014, or at the end of any subsequent year, each Utility shall distribute to ratepayers their portion of the SONGS Litigation Recoveries as determined by the sharing formula in Section 4.11(c) of this Agreement. These amounts shall be distributed to ratepayers pursuant to the distribution method set forth in Section 4.11(d) of this Agreement. The Utilities' portion of the SONGS Litigation Recoveries, as determined by the sharing formula in Section 4.11(c) of this Agreement, shall be retained by the Utilities at the time the ratepayers' portions are distributed."

8330 Century Park Ct., CP31F  
San Diego, CA 92123-1548  
E-mail: [mcaulson@semprautilities.com](mailto:mcaulson@semprautilities.com)

**NOTICE**

A copy of this filing has been served on the Utilities and interested parties shown on the attached list, including interested parties in I.12-10-013, by providing them a copy hereof either electronically or via the U.S. mail, properly stamped and addressed.

Address changes should be directed to SDG&E Tariffs by e-mail at [SDG&ETariffs@semprautilities.com](mailto:SDG&ETariffs@semprautilities.com).

---

CLAY FABER  
Director – Regulatory Affairs

Attachments: Confidential Attachment A (Invoice Detail)

# CALIFORNIA PUBLIC UTILITIES COMMISSION

## ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SAN DIEGO GAS & ELECTRIC (U 902)**

Utility type:

ELC     GAS  
 PLC     HEAT     WATER

Contact Person: Megan Caulson

Phone #: (858) 654-1748

E-mail: mcaulson@semprautilities.com

### EXPLANATION OF UTILITY TYPE

ELC = Electric    GAS = Gas  
PLC = Pipeline    HEAT = Heat    WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2859-E

Subject of AL:) Resolution of Nuclear Energy Insurance Limited ("NEIL") Claims and San Diego Gas & Electric Company's ("SDG&E") Associated Litigation Costs

Keywords (choose from CPUC listing): Compliance, Nuclear

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other \_\_\_\_\_

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

D.14-11-040

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL \_\_\_\_\_

Summarize differences between the AL and the prior withdrawn or rejected AL<sup>1</sup>: N/A

Does AL request confidential treatment? If so, provide explanation: Confidential Attachment A  
contains invoice details

Resolution Required?  Yes  No

Tier Designation:  1  2  3

Requested effective date: 3/25/2016

No. of tariff sheets: 0

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: N/A

Service affected and changes proposed<sup>1</sup>: N/A

Pending advice letters that revise the same tariff sheets: N/A

**Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:**

CPUC, Energy Division  
Attention: Tariff Unit  
505 Van Ness Ave.,  
San Francisco, CA 94102  
EDTariffUnit@cpuc.ca.gov

San Diego Gas & Electric  
Attention: Megan Caulson  
8330 Century Park Ct, Room 31F  
San Diego, CA 92123  
mcaulson@semprautilities.com

<sup>1</sup> Discuss in AL if more space is needed.



General Order No. 96-B  
ADVICE LETTER FILING MAILING LIST

cc: (w/enclosures)

Public Utilities Commission (ORA)

R. Pocta

Energy Division

D. Lafrenz

M. Salinas

CA. Energy Commission

F. DeLeon

R. Tavares

Alcantar & Kahl LLP

K. Cameron

American Energy Institute

C. King

APS Energy Services

J. Schenk

BP Energy Company

J. Zaiontz

Barkovich & Yap, Inc.

B. Barkovich

Bartle Wells Associates

R. Schmidt

Braun & Blaising, P.C.

S. Blaising

California Energy Markets

S. O'Donnell

C. Sweet

California Farm Bureau Federation

K. Mills

California Wind Energy

N. Rader

Children's Hospital & Health Center

T. Jacoby

City of Poway

R. Willcox

City of San Diego

F. Ortlieb

B. Henry

L. Cosio Azar

D. Weil

Commerce Energy Group

V. Gan

CP Kelco

A. Friedl

Davis Wright Tremaine, LLP

E. O'Neill

J. Pau

Dept. of General Services

H. Nanjo

M. Clark

Douglass & Liddell

D. Douglass

D. Liddell

G. Klatt

Duke Energy North America

M. Gillette

Dynergy, Inc.

J. Paul

Ellison Schneider & Harris LLP

E. Janssen

Energy Policy Initiatives Center (USD)

S. Anders

Energy Price Solutions

A. Scott

Energy Strategies, Inc.

K. Campbell

M. Scanlan

Goodin, MacBride, Squeri, Ritchie & Day

B. Cragg

J. Heather Patrick

J. Squeri

Goodrich Aerostructures Group

M. Harrington

Hanna and Morton LLP

N. Pedersen

Itsa-North America

L. Belew

J.B.S. Energy

J. Nahigian

Luce, Forward, Hamilton & Scripps LLP

J. Leslie

Manatt, Phelps & Phillips LLP

D. Huard

R. Keen

Matthew V. Brady & Associates

M. Brady

Modesto Irrigation District

C. Mayer

Morrison & Foerster LLP

P. Hanschen

MRW & Associates

D. Richardson

Pacific Gas & Electric Co.

J. Clark

M. Huffman

S. Lawrie

E. Lucha

Pacific Utility Audit, Inc.

E. Kelly

San Diego Regional Energy Office

S. Freedman

J. Porter

School Project for Utility Rate Reduction

M. Rochman

Shute, Mihaly & Weinberger LLP

O. Armi

Solar Turbines

F. Chiang

Sutherland Asbill & Brennan LLP

K. McCrea

Southern California Edison Co.

M. Alexander

K. Cini

K. Gansecki

H. Romero

TransCanada

R. Hunter

D. White

TURN

M. Hawiger

UCAN

D. Kelly

U.S. Dept. of the Navy

K. Davoodi

N. Furuta

L. DeLacruz

Utility Specialists, Southwest, Inc.

D. Koser

Western Manufactured Housing

Communities Association

S. Dey

White & Case LLP

L. Cottle

Interested Parties

I.12-10-013

SDG&E Advice Letter 2859-E  
Confidential Attachment A  
Invoice Detail

Redacted in its Entirety

**Appendix M**  
**DOE Settlement**

SOUTHERN CALIFORNIA EDISON  
COMPANY,

Plaintiff,

v.

UNITED STATES,

Defendant.

No. 11-870C  
(Judge Williams)

**SETTLEMENT AGREEMENT**

***I. Purpose And Recitals***

The purpose of this agreement is to settle upon the amount owed to Plaintiff on its claims pending before the trial or appellate court and establish an administrative process for the payment of future claims for costs paid through the term of the agreement. The agreement consists of this section and the following sections: II. Resolution Of Plaintiff's Claims; III. Allowable Costs To Be Claimed; IV. Future Final Allowable Cost Determinations; V. Procedures For Binding Arbitration; VI. Termination Of Settlement, Releases, And Reservation Of Rights; VII. Warranties And Representations; VIII. Payment Of Fees Pursuant To The Contract; IX. Acceptance By DOE Of Casks, Canisters, Or Other Equipment; and X. Additional Terms And Provisions. To obviate the need for any further litigation or judicial proceedings, including any further trial or adjudication of any issue of law or fact, and without constituting an admission of liability on the part of the United States, and for no purpose other than those stated, the parties stipulate and agree as follows:

A. Plaintiff for these purposes is Southern California Edison Company. (Unless the context requires otherwise, the singular shall include the plural, and vice versa.) With the

consent of the United States, this agreement shall inure to the benefit of, and be assignable to, successors or affiliates of Plaintiff, or other parties to whom the Standard Contracts (as identified below) are assigned.

B. Plaintiff is the Purchaser under a Standard Contract with the United States Department of Energy (“DOE”) for the acceptance of spent nuclear fuel (“SNF”) and high-level radioactive waste (“HLW”) under the Nuclear Waste Policy Act, the material terms of which are reproduced at 10 C.F.R. § 961.11, and which is numbered DE-CR01-83NE44418 (for these purposes, the “Contract”).

C. The Contract covers the San Onofre Nuclear Generating Station (for these purposes, the “Site”).

D. The Contract required DOE to commence acceptance of SNF/HLW “not later than January 31, 1998.” DOE has not commenced acceptance of SNF/HLW. Plaintiff has filed a lawsuit against the Government, alleging entitlement to recovery of damages because DOE has not commenced acceptance of SNF/HLW. That lawsuit is currently pending before the United States Court of Federal Claims, No. 11-870C (the “Lawsuit.”)

## ***II. Resolution Of Plaintiff's Claims***

Plaintiff has offered to settle the Lawsuit and to waive any claims for costs paid and injuries sustained through December 31, 2016, in exchange for the payment of \$162,355,298.00 for costs paid through December 31, 2013, and the payment of subsequent claims pursuant to the process set forth in section IV, below. Plaintiff's offer has been accepted by the authorized representative of the Attorney General. Each party will bear its own legal costs, attorney fees, and expenses.

### ***III. Allowable Costs To Be Claimed***

This section defines the costs that will be deemed allowable for purposes of annual claims submitted under this agreement for costs paid through the termination date of this agreement. Costs are allowable, and therefore recoverable, pursuant to this agreement to the extent, and only to the extent, that they are (1) reasonable; (2) allocable to a project traceable to DOE's delay; (3) within the categories of costs identified in section III.C below as allowable and are not designated as unallowable; and (4) determined by the Contracting Officer to be allowable under the review provisions set forth in section IV of this agreement.

#### ***A. Determining Reasonableness***

Costs will be deemed "reasonable" if, in their nature and amount, they do not exceed those that would be paid by a prudent person or entity in the conduct of Plaintiff's competitive business. What is "reasonable" depends upon a variety of considerations and circumstances, including whether a cost (a) is the type generally recognized as ordinary and necessary for the conduct of Plaintiff's business or the Contract performance, considering normal and reasonable lead times for the design, procurement and fabrication of SNF/HLW storage equipment, and facilities and ancillary activities related thereto; (b) is consistent with generally accepted sound business practices, arms-length bargaining, and Federal and state laws and regulations; and (c) is incurred in accordance with Plaintiff's established business practices.

#### ***B. Determining Allocability***

A cost is allocable to a project traceable to DOE's delay if it (a) is paid specifically for a project that was made necessary by DOE's delay in commencing SNF acceptance and that, but for DOE's delay, would not have been necessary; or (b) benefits both a delay-related project and other work, and can be distributed to them in reasonable proportion to the benefits

received. If Plaintiff incurs costs that are attributable to both the storage of Plaintiff's Allocations, as defined below, and to other work at the Site and can be distributed to the projects in reasonable proportion to the benefits received, Plaintiff may claim the portion of the costs distributed to managing and storing SNF as an allowable cost. If Plaintiff's claim includes costs that have been distributed to projects for the storage of Plaintiff's Allocations, Plaintiff must clearly indicate the distributed costs and clearly establish and explain the basis for the distribution in Plaintiff's claim; if Plaintiff fails to do so, the DOE Contracting Officer or his designee may determine that the claim is incomplete, pursuant to section IV.B below.

***C. Categories Of Costs Expressly Identified As Allowable And Unallowable***

1. Definition And Use Of "Plaintiff's Allocations."

a. For purposes of this agreement, "Plaintiff's Allocations" means the allocations of SNF set forth in Attachment 1. To determine Plaintiff's Allocations, DOE applied the rates set forth in Table 2.1 at page 7 of the 1987 Annual Capacity Report for the years 1998-2007 and set forth on page 61 of the Mission Plan Amendment, issued by the Office of Civilian Radioactive Waste Management, dated June 1987, for the years 2008-15 to DOE's 2004 Acceptance Priority Ranking. After exhausting the spent nuclear fuel inventories contained in the 2004 Acceptance Priority Ranking, DOE applied these rates to the spent nuclear fuel discharges obtained from the nuclear utilities that hold Standard Contracts and the Nuclear Regulatory Commission.

b. Plaintiff's Allocations shall not be reduced or modified for any reasons, including, but not limited to, for accommodation of acceptance of Greater-Than-Class-C radioactive waste or HLW, or deferral or delay of acceptance of Failed or Non-Standard Fuel.

c. For purposes of determining whether costs are allowable because they were paid to store Plaintiff's Allocations, Plaintiff may use its Allocations for any of Plaintiff's Contracts or Sites. However, Plaintiff must use the Allocations in a manner consistent with minimizing the total SNF storage costs that Plaintiff would have incurred at all of its sites had DOE taken delivery of SNF from Plaintiff in accordance with Plaintiff's Allocations and consistent with Plaintiff's documented business practices.

2. Categories Of Costs Expressly Designated As Allowable. The following categories of costs are allowable, provided that (1) the costs are directly related to the storage of Plaintiff's Allocations, as that term is defined above; (2) at the time of its submission of its annual claim pursuant to section IV, Plaintiff has paid for the item or service for which it seeks reimbursement pursuant to this agreement by cash, check, wire transfer, or other form of actual payment; and (3) the costs satisfy the reasonableness and allocability requirements identified above.

a. Additional Pool Storage - Costs to purchase, license, and install new, additional or replacement storage racks or to make available additional storage spaces to the extent, and only to the extent, necessary to provide additional capacity in the spent fuel pool at the Site;

b. Dry Storage Costs - Costs to purchase storage casks and canisters, including those canisters that may be licensed for transport, and transfer casks for the storage of SNF at the Independent Spent Fuel Storage Installation ("ISFSI"); costs to load SNF into and to transport canisters and casks for storage at the ISFSI; costs of ancillary equipment for casks and cask loading, including, but not limited to, lifting yolks, crawlers, tugs, dollies, and vacuum drying equipment; costs to conduct initial loading demonstrations required by the



Nuclear Regulatory Commission (“NRC”); costs of training and development of procedures; costs for cask loading campaign mobilization and demobilization; costs to study and to evaluate SNF storage options; costs for quality assurance inspections of cask vendors; costs for security improvements required by NRC for the ISFSI; costs of maintaining and operating the ISFSI; costs for security improvements or upgrades required to comply with Plaintiff’s security plan approved by the NRC; and costs to design, license and build the ISFSI pad, including costs of building the portion of the ISFSI pad that will be required for the storage of Plaintiff’s SNF in addition to Plaintiff’s Allocations, provided that Plaintiff can demonstrate that it was more cost effective to incur the costs to design, license and build the ISFSI pad during the claim period rather than after termination of the agreement. If Plaintiff previously constructed an ISFSI for reasons other than to store Plaintiff’s Allocations or needs to place, or places, items other than casks or canisters containing Plaintiff’s Allocations in dry storage, only the costs attributable to the portion of the ISFSI needed to store Plaintiff’s Allocations will be allowable.

c. Modifications Of The Existing Plant - Costs paid to modify cranes to the extent, and only to the extent, necessary to increase the rated lifting capacity of the crane(s) used in the loading of SNF from the fuel storage pool, provided that Plaintiff can establish that these modifications would not have been necessary to meet the requirements of NUREG-0612 or load SNF in casks or canisters provided by DOE had DOE begun performance in 1998; building modifications that Plaintiff can establish would not have been necessary to load SNF in casks or canisters provided by DOE (e.g., seismic restraints for fuel pool or upgrades to floor of cask loading area); and costs to improve the haul path from the fuel building to the ISFSI, to the extent that the haul path is different from the path that Plaintiff

would have used to deliver fuel to DOE. If Plaintiff incurs costs for site modifications or equipment purchases to store Plaintiff's Allocations that otherwise benefit the operation of the plant, including crane modifications for purposes other than loading storage canisters or casks, the cost reimbursed will be proportional to the benefit to the operation of the plant.

d. Property Taxes - Costs paid as a result of any increase in assessed property tax resulting from and traceable to projects, as identified in the preceding three paragraphs, that were undertaken to provide additional storage for Plaintiff's Allocations.

e. Labor And Overhead - The cost of labor charged directly by Plaintiff's employees to any project that is otherwise allowable shall be considered allowable, provided that the hours expended on such project are charged in accordance with Plaintiff's standard time recordation system and are identified at the individual employee level. In addition, the following types of overhead charges will be deemed allowable provided that the charges are calculated in accordance with Plaintiff's established accounting practice and policy: (a) payroll overheads or "burdens" associated with labor hours charged to allowable projects; and (b) non-payroll overheads allocated to allowable projects claimed up to a maximum of five percent of the portion of Plaintiff's claim which is otherwise allowable and to which such non-payroll overheads are allocated.

3. Categories Of Costs Expressly Designated As Unallowable. Any category of cost not expressly identified in section III.C.2 above is unallowable. Unallowable costs include, but are not limited to, the following:

a. Any cost that, although listed in the categories of allowable costs, resulted from Plaintiff's actions, inactions, errors, or omissions rather than as a direct result of DOE's delay.

b. Costs in claims predicated upon adjustments to Plaintiff's Allocations based upon the plus-or-minus-20 percent quantity adjustment provision in Art. V.B.2 of the Contract, the exchanges provision in Art. V.E of the Contract, or the priority for shutdown reactors provision in Art. VI.B.1.b of the Contract.

c. Monies paid for the development of off-site storage initiatives including, but not limited to, Private Fuel Storage, LLC.

d. Interest-related claims, including, but not limited to, cost of capital claims, Allowance for Funds Used During Construction claims, time-value-of-money claims, and claims to recover interest on borrowings.

e. Costs paid as the result of requirements mandated by a legislature or governmental agency as a condition to approval of projects deemed to be allowable costs or otherwise enacted by a legislature or promulgated by an agency as a consequence of DOE's delay.

f. Overhead costs other than those expressly described as allowable in section III.C.2.e.

g. Costs paid for spent fuel characterization.

h. Claims for generic NRC fees paid pursuant to 10 C.F.R. Part 171.

i. Costs paid for the characterization, storage, disposal, or management of "Greater-Than-Class-C" radioactive waste generated at Plaintiff's Site.

j. Costs paid for the maintenance or repair of cranes or other plant equipment necessary for the operation of the plant or for the shipment of fuel off-site.

k. Consequential damages, penalties, fines, delay charges, or any other ancillary costs; and

l. Costs paid by Plaintiff for the presentation of claims to the Contracting Officer pursuant to this agreement.

***IV. Future Final Allowable Cost Determinations***

This section describes the administrative claims process for the annual determination of allowable costs owed to Plaintiff as the result of DOE's delay. If any of the deadlines set forth in this section fall on a Saturday, Sunday or Federal holiday, the deadline shall be the next business day. All deadlines set forth below may be extended by written agreement of the parties, as applicable. Notices and other submissions described in this section shall be provided by overnight courier unless otherwise indicated.

***A. Submission Of Claims For Allowable Costs***

1. Plaintiff shall submit claims annually for the payment of allowable costs to the DOE Contracting Officer. Plaintiff shall submit its first claim after execution of this agreement no later than September 30, 2016. Plaintiff's first claim after execution of this agreement will be for Plaintiff's costs paid between January 1, 2014 and December 31, 2015. Plaintiff must submit subsequent claims by that same date (September 30) each year. In each annual claim, Plaintiff either will request payment for allowable costs or will indicate that the request for payment is being deferred. Plaintiff may defer the submission of a claim for up to three years if the amount of allowable costs to be claimed is less than \$500,000. When a deferred claim is submitted, Plaintiff must submit it no later than September 30 of the year in which it is submitted. Absent deferral or a mutually agreed upon extension of time, if Plaintiff

fails to submit a timely claim, Plaintiff foregoes the opportunity to recover costs for that claim period.

2. Plaintiff shall submit claims in writing to the DOE Contracting Officer for the Contract. In the claim, Plaintiff shall include claimed allowable costs that it has paid since the last date of the costs claimed in the prior submission. The DOE Contracting Officer will not consider claims for costs paid during the time period covered by a prior submission. Plaintiff will include sufficient supporting documentation to allow the DOE Contracting Officer to verify that the costs have been paid and properly recorded in Plaintiff's accounting system. An authorized representative of Plaintiff must sign the claim and certify that the claim is made in good faith, that the supporting data are accurate and complete to the best of Plaintiff's knowledge and belief, and that the amount requested accurately reflects the allowable and reasonable costs for which Plaintiff believes the Government is liable under this agreement.

***B. DOE Determination Of Allowable Costs***

1. Initial Sufficiency Review. Assuming that Plaintiff has submitted an annual or deferred claim by September 30 of any calendar year, the DOE Contracting Officer or his designee will have until October 14, and in no event less than 14 calendar days after the date that DOE receives Plaintiff's claim, to review the claim and to determine whether it is sufficiently complete to allow DOE to proceed with its review. The DOE Contracting Officer or his designee will notify Plaintiff by electronic mail and either (a) state that the claim appears to be complete or (b) state that the claim is incomplete and identify the areas of the claim that are deficient. If the DOE Contracting Officer determines that the claim is incomplete, DOE's notice of deficiencies will include a new date by which Plaintiff must re-submit its claim. The

new date will be for only the claim period at issue and will not change the annual date for the submission of Plaintiff's claim set forth in section IV.A.1. above.

2. 90-Day DOE Review. Within 90 calendar days of the date that the DOE Contracting Officer or his designee notifies Plaintiff that its claim appears to be complete, DOE shall issue and provide to Plaintiff a determination identifying those claimed costs deemed to be allowable ("DOE Determination"). For Plaintiff's first claim for costs, the DOE Contracting Officer shall have 120 calendar days to issue the DOE Determination. Should the DOE Contracting Officer or his designee find that any claimed costs are not allowable or reasonable, the DOE Contracting Officer or his designee shall identify those claimed costs and state the reason(s) for that finding in the DOE Determination.

3. Should the DOE Contracting Officer or his designee conclude, at any time during DOE's review of the claim, that Plaintiff has not supplied sufficient supporting documentation or information to allow reasonable verification of the paid costs, the DOE Contracting Officer or his designee shall request from Plaintiff the necessary additional documentation or information needed. Plaintiff shall supply the additional documentation or information within 10 calendar days of DOE's request. If Plaintiff fails to supply the requested documentation or information within 10 days, the DOE Contracting Officer or his designee may adjust the schedule for the issuance of the DOE Determination as the Contracting Officer determines is necessary to accommodate Plaintiff's delay in providing the information or may find in the DOE Determination that the costs for which the additional information or documentation are sought are not allowable.

4. If the DOE Contracting Officer fails to provide Plaintiff with the DOE Determination within the 90-day period, absent written agreement to extend the date,

Plaintiff's claim shall be deemed denied in its entirety on the date on which DOE should have provided the DOE Determination, DOE's Determination shall be deemed to be zero, and Plaintiff may pursue binding arbitration, as set forth in section V. No other judicial, administrative, or other remedies may be pursued, other than settlement.

***C. Plaintiff's Response To DOE Determination***

Within 30 days of the date Plaintiff receives the DOE Determination, Plaintiff shall provide to the DOE Contracting Officer and the Director, National Courts Section, Commercial Litigation Branch, Department of Justice ("DOJ"), written notice that Plaintiff either (i) accepts the DOE Determination; (ii) believes that the DOE Contracting Officer has committed an error that warrants further discussion; or (iii) intends to pursue binding arbitration with respect to its claim. In the event that Plaintiff elects to engage in further discussion with DOE, DOE shall provide to Plaintiff within 30 days of receipt of notice of such election a supplemental determination (even if its determination does not change as a result of discussions with Plaintiff), which shall become the DOE Determination for purposes of this agreement, and Plaintiff shall be afforded an additional 30 days to make the election described above.

1. Acceptance By Plaintiff of DOE's Determination

a. If Plaintiff accepts the DOE Determination, DOJ shall, within 30 days of the receipt of written notice of such acceptance, obtain from the Attorney General's authorized representative either the necessary approval to pay Plaintiff the amount set forth in the DOE Determination or a determination that the DOE Determination has not been accepted.

b. If the Attorney General's authorized representative approves payment to Plaintiff of the amount set forth in the accepted DOE Determination, DOJ shall

provide Plaintiff and DOE with written notice within the 30-day period regarding the determination of the Attorney General's authorized representative. In such a circumstance, the DOE Determination shall become the Final Allowable Cost Determination and shall not be subject to any further challenge, litigation, or dispute resolution process, including judicial review. The Final Allowable Cost Determination shall be deemed to be a "compromise settlement," made by the Attorney General's authorized representative, pursuant to 31 U.S.C. § 1304, of claims referred to the Attorney General for defense of imminent litigation or suits against the United States, or against its agencies or officials upon obligations or liabilities of the United States, for purposes of 28 U.S.C. § 2414. Plaintiff may immediately present to the Government a Final Allowable Cost Determination for payment. The authorized representative of the Attorney General shall execute promptly all necessary approvals to effectuate payment of the Final Allowable Cost Determination.

c. If the Attorney General's authorized representative does not approve the DOE Determination, DOJ will so notify Plaintiff within the 30-day period and Plaintiff may either (a) treat any alternate amount approved by Attorney General's authorized representative as the Final Allowable Cost Determination, as set forth in section IV.C.1.b, or (b) elect to pursue binding arbitration as set forth in section V. No other judicial, administrative, or other remedies may be pursued, other than settlement.

d. If, within the 30 days following receipt of Plaintiff's acceptance of the DOE's Determination, DOJ fails to advise Plaintiff that the Attorney General's authorized representative has accepted or rejected the DOE Determination, and the parties do not agree in writing to extend this deadline, DOE's Determination shall be deemed to be zero,



and Plaintiff may pursue binding arbitration, as set forth in section V. No other judicial, administrative, or other remedies may be pursued, other than settlement.

2. Rejection By Plaintiff of DOE's Determination

If Plaintiff rejects the DOE Determination, Plaintiff may pursue binding arbitration, as set forth in section V. No other judicial, administrative, or other remedies may be pursued, other than settlement.

***V. Procedures For Binding Arbitration***

***A. Commencement Of Arbitration***

To pursue arbitration under this agreement, Plaintiff shall, within 30 days of the action identified in the previous sections that entitles Plaintiff to pursue arbitration, send to DOJ and the DOE Contracting Officer a notice, signed by an authorized representative of Plaintiff, reflecting its intent to proceed with arbitration and certifying that the claim it intends to submit to arbitration is made in good faith, that the supporting data are accurate and complete to the best of Plaintiff's knowledge and belief, and that the amount requested accurately reflects the allowable and reasonable costs for which Plaintiff believes the Government is liable under this agreement. The notice must also identify the categories and amounts of the costs that Plaintiff seeks to recover through arbitration, regardless of whether these costs were determined to be allowable by the DOE Contracting Officer as part of the DOE Determination. The amount that Plaintiff seeks to recover through arbitration may not exceed the amount of its claim certified pursuant to section IV.A.2 of this agreement. If these conditions are satisfied, the Attorney General's authorized representative shall be deemed to have authorized the submission of the dispute to binding arbitration, subject to the following limitation. The parties agree that the arbitrator's authority in any arbitration commenced pursuant to this

agreement is limited to an award not to exceed the amount certified for arbitration by Plaintiff.

***B. Selection Of Neutral***

The parties shall jointly select an independent neutral. If the parties cannot agree on an independent neutral within 30 days of the notice provided for in section V.A above, the parties will submit a request to the Civilian Board of Contract Appeals for appointment of a member of that Board to act as an independent neutral.

***C. Rules Governing Arbitration***

The independent neutral shall review only the written submissions of the parties and shall not consider any evidence not previously submitted to DOE unless the independent neutral determines that more information is needed. Other rules governing the arbitration shall be decided upon by the parties in consultation with the independent neutral. The independent neutral shall render a written opinion within 30 days of receipt of the submissions of the parties, or within a time period agreed upon by the parties and the independent neutral. In the opinion, the neutral shall address the disagreement and render a finding of an amount, if any, that should be paid to Plaintiff (hereinafter, the "Neutral's Finding"). This amount may be any amount between zero and the amount of Plaintiff's certified claim.

***D. Final Allowable Cost Determination***

Subject to the limitation set forth in the last sentence of section V.A above, the Final Allowable Cost Determination shall be determined by reference to the Neutral's Finding; provided, however, that (1) if the amount set forth in the Neutral's Finding is within five percent of the DOE Determination, the Final Allowable Cost Determination shall be either the Neutral's Finding or the amount of the DOE Determination, whichever is lower; (2) if the

amount set forth in the Neutral's Finding is within five percent of the amount certified for arbitration by Plaintiff, the Final Allowable Cost Determination shall be the amount certified for arbitration by Plaintiff; and (3) the arbitrator shall not have authority to award more than the amount certified for arbitration by Plaintiff. If the amount certified for arbitration by Plaintiff does not exceed the DOE Determination by more than five percent, the amount set forth in the Neutral's Finding shall be the Final Allowable Cost Determination.

***E. Finality***

The Final Allowable Cost Determination reached through binding arbitration shall not be subject to any further dispute resolution process, including judicial review. The Final Allowable Cost Determination shall be deemed to be a compromise settlement, made by the Attorney General's authorized representative, of claims referred to the Attorney General for defense of imminent litigation or suits against the United States, or against its agencies or officials upon obligations or liabilities of the United States, for purposes of 28 U.S.C. § 2414. The parties intend that such a Final Allowable Cost Determination shall constitute a "compromise settlement" under 31 U.S.C. § 1304. Plaintiff may immediately present to the Government a Final Allowable Cost Determination for payment. The authorized representative of the Attorney General shall execute promptly all necessary approvals to effectuate such payment.

***VI. Termination Of Settlement, Releases, And Reservation Of Rights***

***A. Termination Date***

Plaintiff may submit claims for costs paid up to and including December 31, 2016. With the payment of costs paid as of December 31, 2016, the parties' obligations under this

agreement shall terminate and be discharged. The parties may extend the termination date for this agreement by mutual written agreement.

***B. Releases***

Upon satisfaction of the terms set forth in this agreement, including but not limited to payments of the amounts determined pursuant to sections II and IV, Plaintiff releases, waives, and abandons all claims against the United States, its political subdivisions, its officers, agents, and employees that arise out of or relate to DOE's delay in performance of its obligations under the Contract, with respect to costs paid and injuries sustained prior to the termination of this agreement, regardless of whether such claims were included in the Lawsuit or subsequent claims submitted pursuant to this agreement, including but not limited to any claims for legal costs, expenses, attorney fees, compensatory damages, and exemplary damages. This release is not limited to claims for breach of contract and includes all claims arising from DOE's delay, including claims for diminution-in-value and takings.

***C. Reservation Of Rights***

1. Plaintiff and the United States expressly reserve any and all rights related to claims, costs paid, obligations, rights and duties under the Contract after the termination date of this agreement and, after the expiration of this agreement, may raise or pursue any defenses, claims for additional partial breach, total breach, or rescission of the Contract, or any other right or remedies afforded at law. However, in the adjudication of claims or defenses after the termination date, including those for total breach or rescission, the parties shall not seek to adjust the amounts paid pursuant to this agreement or obtain a refund of the fees paid by Plaintiff pursuant to Art. VIII of the Contract prior to the termination date of this agreement.

2. To defend against any such future claims, the United States may rely upon any and all defenses, including affirmative defenses. Additionally, the United States further reserves the right to deduct from future claims any costs that Plaintiff would have paid after the termination date of this agreement, had DOE timely commenced acceptance of SNF in accordance with the Contract.

3. Plaintiff and the United States also reserve the right to take discovery regarding any matter that is relevant to any party's claim or defense that arises out of, or relates to, costs paid by Plaintiff after the termination date of this agreement and arises out of or relates to DOE's delay in performance of its obligations under the Contract. Such discovery also may include discovery into matters that arise out of, or relate to, Plaintiff's claims for costs paid prior to the termination date of this agreement, to the extent that those prior claims relate to claims brought after the termination date.

4. Plaintiff shall retain the right to seek reimbursement for the costs, if any, of storing Plaintiff's Allocations that are paid after the expiration of the term of this agreement.

## ***VII. Warranties And Representations***

Plaintiff warrants and represents that Plaintiff is the holder of the Contracts, and that no other actions or suits by Plaintiff are pending with respect to the claims advanced in the Lawsuit, nor will such actions or suits be filed by Plaintiff in any court, administrative agency, or legislative body, except as contemplated by this agreement. Plaintiff also warrants and represents that it owns all claims arising under the Contracts attributable to DOE's delays. Plaintiff agrees to indemnify and to reimburse the Government for any monies that the Government may be required to pay to other parties for claims arising under or related to the Contracts attributable to DOE's delays. Plaintiff further warrants and represents that it has

made no assignment or transfer of any of the claims advanced in the Lawsuit, although Plaintiff may be obligated by certain contractual arrangements or otherwise to distribute portions of recoveries received by Plaintiff to other parties. Any such distribution shall be the sole obligation of Plaintiff. Should there be now or in the future any violation by Plaintiff of these warranties and representations, any amount paid by the United States to Plaintiff pursuant to this agreement shall be refunded promptly by Plaintiff to the United States, together with interest thereon at the rates provided in 41 U.S.C. § 611, computed from the date the United States makes payment.

***VIII. Payment Of Fees Pursuant To The Contract***

A. Quarterly fees. During the period covered by this agreement, Plaintiff will continue to pay the quarterly fees as required by the Standard Contract, Art. VIII. If Plaintiff fails to pay the required fees during a period covered by a claim submitted pursuant to this agreement, the United States will have no obligation to evaluate or to pay Plaintiff's claim for costs paid during that same period.

***IX. Acceptance By DOE Of Casks, Canisters Or Other Equipment***

DOE shall, in its sole discretion, have the right to take possession of the storage and/or transportation casks or canisters and any ancillary, portable equipment utilized in cask loading or operation of storage facility for which the United States has compensated Plaintiff pursuant to this agreement "as is, where is" when no longer needed for use by Plaintiff.

A. Equipment Other Than Casks And Canisters. Six months prior to Plaintiff disposing of equipment other than casks and canisters, Plaintiff shall notify the DOE Contracting Officer of the planned disposal to allow DOE the opportunity to exercise this option. DOE will notify Plaintiff of its election within 60 days of Plaintiff's notice. Should

DOE elect not to exercise this option, Plaintiff will be responsible for the disposition of such equipment, but the costs of such disposition shall be allowable and, if otherwise reasonable, payable to Plaintiff pursuant to this agreement.

B. Casks And Canisters. Five years prior to the projected acceptance of SNF stored by Plaintiff in any cask or canister, DOE shall inform Plaintiff of its election regarding the acceptance of those casks and canisters. The five-year requirement for notice shall not be applicable if the schedule for DOE's performance does not allow for that much notice, but in no event shall DOE provide less than six months notice. If DOE elects not to take possession of the casks or canisters, Plaintiff will be responsible for the disposition of the casks and/or canisters, but the costs of such disposition shall be allowable and, if otherwise reasonable, payable to Plaintiff pursuant to this agreement.

**X. *Additional Terms And Provisions***

A. Upon execution of this agreement, Plaintiff agrees to join with the United States in stipulating to dismiss the Lawsuit with prejudice, subject to the terms of this agreement.

B. This agreement is for the purpose of settling the Lawsuit and Plaintiff's claims for costs paid or injuries sustained through the termination date of this agreement and for no other purpose. Accordingly, this agreement shall not bind the parties, nor shall it be cited or otherwise referred to, in any proceedings, whether judicial or administrative in nature, in which the parties or counsel for the parties have or may acquire an interest, except as is necessary to effect the terms of the agreement or to comply with regulatory obligations.

C. Plaintiff's counsel represents that he has been and is authorized to enter this agreement on behalf of Plaintiff.

D. Any provision of this agreement that is held, after the date of the execution of this agreement, to be illegal, invalid, or unenforceable by a court or agency of competent jurisdiction under present or future laws that apply to this agreement shall be fully severable. In place of any severed provision, the parties may agree to substitute a legal, valid and enforceable provision that is as similar as possible to the severed provision.

E. This document constitutes a complete integration of the agreement between the parties and supercedes any and all prior oral or written representations, understandings, or agreements among or between them.

F. This agreement is intended to benefit only the parties, their successors, and their assignees. It is not intended to benefit, directly or indirectly, any other individual, group of individuals, organization, or entity.

G. This agreement is in no way related to or concerned with income or other taxes for which Plaintiff is now liable or may become liable in the future as a result of this agreement.

H. No provision of this agreement shall excuse Plaintiff from its obligation to make reasonable efforts to mitigate the costs for which it seeks reimbursement pursuant to this agreement.



AGREED TO:

FOR THE GOVERNMENT:



4-18-16

Date

ROBERT E. KIRSCHMAN, JR.  
Director  
Commercial Litigation Branch,  
Civil Division  
U.S. Department of Justice  
P.O.Box 480  
Ben Franklin Station  
Washington, D.C. 20530

AUTHORIZED REPRESENTATIVE OF  
THE ATTORNEY GENERAL

FOR THE PLAINTIFF:



4/14/16

Date

BRAD FAGG  
MORGAN LEWIS & BOCKIUS LLP  
1111 Pennsylvania Ave., N.W.  
Washington, D.C. 20004

ATTORNEY AND AUTHORIZED  
REPRESENTATIVE OF SOUTHERN CALIFORNIA EDISON COMPANY

Attachment 1

**Southern California Edison - Allocations 1998-2021**

**Unit(s): San Onofre 1, 2, & 3**

Year	MTHM
Cumulative 2014	901.2
2015	80.6
2016	83.6
2017	45.5
2018	131.4
2019	-
2020	87.4
2021	92.7
<b>Total</b>	<b>1,422.4</b>

Allocation years 1998-2021 are based on actual discharge information from the GC-859 data collection with data through 6/30/13 for SCE. Allocation years 1998-2017 for the industry are based on the RW-859 data as of 12/31/2002 and allocation years 2018-2021 for the industry are based on GC-859 data for 2003 – 6/30/2013.

The parties agree that the above allocations do not fully cover the cask canister and overpack (MPC and CEC) costs under the Holtec contract, but, rather, cover approximately 58% of such expenditures that have occurred and which are expected prior to the end of 2016, and will therefore result in pro rata recoveries of those costs. The parties further agree that the resulting deductions in paid MPC and CEC costs under the Holtec contract due to the available allocations for the period January 1, 2014 through December 31, 2016 shall be \$24 million or 42% of all MPC and CEC progress payments paid under the Holtec Contract through 2016, whichever is greater. This pro rata recovery (58/42 split) of all MPC and CEC costs paid under the Holtec contract through December 31, 2016 resolves the recoverability of paid MPC and CEC costs through the termination date of this agreement.