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March 25, 2011

ADVICE LETTER 2238-E (U 902-M)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

SUBJECT: MODIFICATIONS TO PEAK TIME REBATE TARIFF

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

# **PURPOSE**

This filing revises SDG&E's electric Schedule Peak Time Rebate ("PTR") tariff to include Special Conditions; 20 – Peak Time Rebate Pilot Program and 21 – Electric Vehicle Study.

## **BACKGROUND**

Schedule PTR provides residential customers with a two-level incentive to reduce electric usage below an established customer reference level (CRL) on high demand days. A higher level incentive is provided to customers with enabling technology and a lower level incentive to customers without such technology.

SDG&E's full implementation of PTR to residential customers is dependent upon the customer's conversion to interval billing which is scheduled to begin in May 2011. SDG&E's conversion plan is contingent upon several factors related to the smart meter systems and network in order for customers to become eligible to participate in PTR. To ensure successful implementation of the PTR program, SDG&E recognizes the need to implement a Pilot Program to a limited number of residential customers prior to full implementation. These customers will have the full benefits of the pilot, including the ability to enroll for notifications, and receive a bill credit for reduction.

The proposed Pilot Program described in Special Condition 20 of Schedule PTR will provide SDG&E the opportunity to: 1) perform end-to-end testing of the customers experience, IT systems and business processes that would very closely resemble a full implementation in 2012 when customers are PTR eligible; 2) allow for evaluation of the effectiveness of SDG&E messages, tools, business processes and adjust accordingly prior to the mass roll-out; 3) gather data to use as a benchmark to demonstrate predictability and consistency of load reduction and; 4) minimize providing PTR credits to customers who never had an opportunity to be informed of the event.

The proposed Pilot Program will be launched to no more than 3,000 residential customers. The pilot will end no later than May 1, 2012.. The proposed Pilot Program will extend to residential, single account customers with one electric service point who are on a DR or DR-LI rate. The Pilot Program will exclude TOU and experimental EV rates from receiving the PTR credit in 2011. Pilot participants will be a representative sample of SDG&E's territory. A maximum of 9 events will be initiated by SDG&E during the Pilot Program. Event Triggers are described in Schedule PTR. If no event triggers warrant an event being called during the Pilot Program, test events will be scheduled to test related systems, notifications, and customer participation.

## **Tariff Modifications:**

#### **Special Conditions**

- 20. Peak Time Rebate (PTR) Pilot Program This pilot program will be available to residential customers who have been selected by SDG&E to participate in the Pilot Program. The pilot will end no later than May 1, 2012. The pilot will notify customers of PTR events through opt-in email and SMS notifications. Other communication methods may be offered as they become available.
- 21. Electric Vehicle Study Electric vehicle accounts billed on experimental rates EPEV-X, EPEV-Y and EPEV-Z will not be eligible for PTR until the completion of the electric vehicle rate study on December 31, 2012.

# **EFFECTIVE DATE**

SDG&E believes that this filing is subject to Energy Division disposition, and should be classified as Tier 2 (effective after staff approval) pursuant to G 96-B. SDG&E respectively requests that this filing be approved April 24, 2011, which is thirty (30) calendar days after the date filed.

#### **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 impacts, and should be submitted expeditiously. The protest must be made in writing and received within 20 days of the date this advice letter, which is April 14, 2011. 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 both Honesto Gatchalian (<a href="mailto:inj@cpuc.ca.gov">inj@cpuc.ca.gov</a>) and Maria Salinas (<a href="mailto:mas@cpuc.ca.gov">mas@cpuc.ca.gov</a>) of the Energy Division. A copy of the protest should also be sent via both e-mail <a href="mailto:and">and</a> 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) 654-1788 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, including parties in A.09-10-003 and A.06-12-009, 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) 654-1788 or by e-mail at SDG&ETariffs@semprautilities.com.

CLAY FABER
Director – Regulatory Affairs

Attachments

# 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:	Contact Person: Aurora Carrillo			
⊠ ELC ☐ GAS	Phone #: (858) <u>6</u>	654-1542		
☐ PLC ☐ HEAT ☐ WATER	E-mail: acarrillo@semprautilities.com			
EXPLANATION OF UTILITY TY	PE	(Date Filed / Received Stamp by CPUC)		
ELC = Electric GAS = Gas PLC = Pipeline HEAT = Heat V	VATER = Water			
Advice Letter (AL) #:2238-E	Advice Letter (AL) #:2238-E			
Subject of AL:) Modifications to Peak	Time Rebate Tarif	fs		
Keywords (choose from CPUC listing)	:			
		One-Time 🗌 Other		
If AL filed in compliance with a Comr	mission order, indi	cate relevant Decision/Resolution #:		
Does AL replace a withdrawn or reject	ted AL? If so, ide	ntify the prior AL		
Summarize differences between the A	AL and the prior w	ithdrawn or rejected AL¹: <u>N/A</u>		
Does AL request confidential treatme	nt? If so, provide e	explanation:		
		_		
Resolution Required?   Yes   No		Tier Designation: 🛛 1 🔲 2 🔲 3		
Requested effective date: April 24, 2011 No. of tariff sheets: 4				
Estimated system annual revenue eff	fect: (%): <u>N/A</u>			
Estimated system average rate effect	(%): N/A			
		AL showing average rate effects on customer		
classes (residential, small commercia	ıl, large C/I, agricı	ultural, lighting).		
Tariff schedules affected: PTR and TOC				
Service affected and changes proposed <sup>1</sup> : <u>N/A</u>				
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  San Diego Gas & Electric				
Attention: Tariff Unit		Attention: Megan Caulson		
505 Van Ness Ave.,		3330 Century Park Ct, Room 32C		
San Francisco, CA 94102	· · · · · · · · · · · · · · · · · · ·			
mas@cpuc.ca.gov and jnj@cpuc.ca.gov	' I	ncaulson@semprautilities.com		

 $<sup>^{\</sup>rm 1}$  Discuss in AL if more space is needed.

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

cc: (w/enclosures)

J. Cervantes

G. Lonergan

Commerce Energy Group

Constellation New Energy

Davis Wright Tremaine, LLP

M. Valerio

V. Gan

W. Chen

A. Friedl

E. O'Neill J. Pau

CP Kelco

**Public Utilities Commission** Dept. of General Services DRA H. Nanio D. Appling M. Clark S. Cauchois Douglass & Liddell J. Greia D. Douglass R. Pocta D. Liddell W. Scott G. Klatt Duke Energy North America **Energy Division** P. Clanon M. Gillette S. Gallagher Dynegy, Inc. H. Gatchalian J. Paul Ellison Schneider & Harris LLP D. Lafrenz M. Salinas E. Janssen Energy Policy Initiatives Center (USD) CA. Energy Commission F. DeLeon S. Anders **Energy Price Solutions** R. Tavares Alcantar & Kahl LLP A. Scott Energy Strategies, Inc. K. Harteloo American Energy Institute K. Campbell C. King M. Scanlan **APS Energy Services** Goodin, MacBride, Squeri, Ritchie & Day B. Cragg J. Schenk **BP Energy Company** J. Heather Patrick J. Zaiontz J. Squeri Barkovich & Yap, Inc. Goodrich Aerostructures Group B. Barkovich M. Harrington Hanna and Morton LLP **Bartle Wells Associates** R. Schmidt N. Pedersen Braun & Blaising, P.C. Itsa-North America S. Blaising L. Belew California Energy Markets J.B.S. Energy S. O'Donnell J. Nahigian C. Sweet Luce, Forward, Hamilton & Scripps LLP California Farm Bureau Federation J. Leslie K. Mills Manatt, Phelps & Phillips LLP California Wind Energy D. Huard N. Rader R. Keen Matthew V. Brady & Associates **CCSE** S. Freedman M. Brady Modesto Irrigation District J. Porter Children's Hospital & Health Center C. Mayer Morrison & Foerster LLP T. Jacoby City of Chula Vista P. Hanschen M. Meacham MRW & Associates E. Hull D. Richardson City of Poway OnGrid Solar R. Willcox Andy Black City of San Diego Pacific Gas & Electric Co.

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C. Elder

R. W. Beck, Inc.

Pacific Utility Audit, Inc.

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. Dev White & Case LLP

# Interested Parties in: A.09-10-003

A.06-12-009 A.10-07-009

L. Cottle

# ATTACHMENT ADVICE LETTER 2238-E

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal. P.U.C. Sheet No.
Revised 22301-E	SCHEDULE PTR, PEAK TIME REBATE, Sheet 1	Revised *21713-E
Revised 22302-E	SCHEDULE PTR, PEAK TIME REBATE, Sheet 3	Revised *21715-E
Revised 22303-E	TABLE OF CONTENTS, Sheet 1	Revised 22297-E
Revised 22304-E	TABLE OF CONTENTS, Sheet 6	Revised 22300-E



San Diego Gas & Electric Company San Diego, California

Revised Cal. P.U.C. Sheet No.

22301-E

Canceling Revised Cal. P.U.C. Sheet No.

\*21713-E Sheet 1

#### SCHEDULE PTR

PEAK TIME REBATE

### **APPLICABILITY**

This Schedule will take effect after the completion of the PTR Pilot Program (as described in Special Condition 20). This Schedule is applicable, in combination with the customer's otherwise applicable rate schedule, to customers receiving electric bundled residential service through a residential rate schedule that requires separate metering. In order for this schedule to take effect, the customer must have a smart meter installed, tested, and verified according to SDG&E procedures. The required meter data management and billing system infrastructure at SDG&E must be in place. California Alternate Rates for Energy (CARE) customers, customers participating in a demand response program and Net Energy Metering customers are eligible for the Residential Peak Time Rebate program. Direct Access (DA) and Community Choice Aggregation (CCA) customers are not eligible for service under this Schedule.

### **TERRITORY**

Within the entire territory served by the Utility.

#### **RATES**

A bill credit of \$0.75/kWh will be paid for each kWh of actual reduction in consumption during each Peak Time Rebate (PTR) event. Customers with enabling technology will receive a higher bill credit of \$1.25/kWh. The actual reduction in consumption will be measured using a customer-specific reference level. The bill credit will be paid out for any PTR event in which the actual reduction in consumption is greater than zero. If no PTR events are called or the actual reduction in consumption is less than or equal to zero, then no bill credit will be given.

#### SPECIAL CONDITIONS

- Definitions: The Definitions of terms used in this schedule are found either herein or in Rule 1, 1. Definitions.
- 2. Program Operation:
  - Multiple/Summary Accounts: For customers with multiple accounts, summary billings, or a. multiple meters at a premise, the bill credit is calculated for each individual qualifying meter and applied, if applicable, to the corresponding service account.
- Peak Time Rebate Event period: PTR events will take place between the hours of 11 a.m. and 6 p.m. 3. on the days when PTR events are initiated by SDG&E.
- Customer-Specific Reference Level (CRL): A CRL is a customer specific calculation that will be 4. calculated for each event.
  - Residential CRL for Weekday events: a.

The CRL for a weekday event is defined as the total consumption for the PTR event period averaged over the three (3) highest days from within the immediately preceding five (5) similar non-holiday week days prior to the event. The highest days are defined to be the days with the highest total consumption between 11 a.m. and 6 p.m. The similar days will exclude weekends, holidays, other PTR event days, and will exclude other demand response program event days for customers participating in multiple demand response programs.

		(Continued)		
1P12		Issued by	Date Filed	Mar 25, 2011
Advice Ltr. No.	2238-E	Lee Schavrien	Effective	
		Senior Vice President		
Decision No.		Regulatory Affairs	Resolution No.	



San Diego Gas & Electric Company San Diego, California Revised C

Cal. P.U.C. Sheet No.

22302-E

Canceling Revised

Cal. P.U.C. Sheet No.

\*21715-E Sheet 3

#### **SCHEDULE PTR**

# PEAK TIME REBATE

## SPECIAL CONDITIONS (Continued)

- 10. <u>Event Cancellation</u>: Once a PTR event has been initiated by SDG&E, there are no conditions that would warrant the event day to be cancelled.
- 11. <u>Multiple Program/Rate Participation</u>: A customer may participate simultaneously in the PTR and other demand response programs unless explicitly prohibited by the demand response program tariff or contract.
- 12. <u>Termination of Schedule</u>: The PTR program is in effect until modified or terminated in the rate design of the Utility's next general rate case or similar proceeding.
- 13. <u>Metering Requirement</u>: A smart meter (Interval Data Recorder) with communications capability is required. The smart meter must be installed, verified and validated according to SDG&E's procedures for the customer to be eligible for the PTR. Customers without a Smart Meter installed are not eligible for the PTR.
- 14. <u>Meter Reads</u>: The Utility will normally read meters using a communications system. If due to unusual conditions or reasons beyond the Utility's control, all or part of the customer's data cannot be obtained, or if for any reason accurate meter data is not available, the Utility will make estimates in a manner consistent with its applicable tariff rules.
- 15. <u>Utility Testing</u>: A maximum of two program tests may be called for testing and/or evaluation purposes. Bill credits for test events will be calculated in the same manner as bill credits for ordinary events.
- 17. <u>Utility Reporting:</u> During the months when PTR events are initiated, the Utility will provide the Commission with a monthly report on the economics of this rate schedule. Customers on this tariff may be asked by the Utility, the California Energy Commission (CEC) or its contracting agent to conduct a site visit for measurement and evaluation, and may be asked to complete surveys needed to evaluate the PTR program. Furthermore, customers shall provide all load data and background information, under appropriate confidentiality protection needed to complete this evaluation. The data will also be made available to academic researchers, under appropriate confidentiality protections, to facilitate the understanding of demand response.
- 18. <u>Failure to Reduce Energy</u>: No bill credit will be granted if the actual reduction in consumption is less than or equal to zero.
- 19. <u>Dispute Resolution</u>: Any disputes arising from the provision of service under this schedule or other aspects of the PTR will be deemed disputes over amounts billed for electricity and will be handled as provided for in the Utility's Rule 10, Disputed Bills.
- 20. <u>Peak Time Rebate (PTR) Pilot Program:</u> This pilot program will be available to residential customers who have been selected by SDG&E to participate in the Pilot Program. The pilot will end no later than May 1, 2012. The pilot will notify customers of PTR events through opt-in email and SMS notifications. Other communication methods may be offered as they become available.
- 21. <u>Electric Vehicle Study</u>: Electric vehicle accounts billed on experimental rates EPEV-X, EPEV-Y, and EPEV-Z will not be eligible for PTR until the completion of the electric vehicle rate study on December 31, 2012.

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3P13		Issued by	Date Filed	Mar 25, 2011
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		Senior Vice President	_	
Decision No.		Regulatory Affairs	Resolution No.	

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Revised Cal. P.U.C. Sheet No. 22303-E

Canceling Revised Cal. P.U.C. Sheet No.

22297-E

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1P9 Issued by Mar 25, 2011 Date Filed Lee Schavrien Advice Ltr. No. 2238-E Effective Senior Vice President Decision No. Regulatory Affairs Resolution No.



Revised

Cal. P.U.C. Sheet No.

22304-E

San Diego, California

Canceling Revised

Cal. P.U.C. Sheet No.

22300-E Sheet 6

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(Continued)

6P9 Issued by Date Filed

Advice Ltr. No. 2238-E Lee Schavrien Effective

Senior Vice President

Decision No. Regulatory Affairs Resolution No.

e Filed Mar 25, 2011

Possilution No.