

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



November 28, 2007

Advice Letter 2946-E-B

Brian K. Cherry  
Vice President, Regulatory Relations  
Pacific Gas and Electric Company  
77 Beale Street, Mail Code B10C  
P.O. Box 770000  
San Francisco, CA 94177

Subject: Revision to Rate Schedule E-RSAC – Residential  
Smart AC Program

Dear Mr. Cherry:

Advice Letter 2946-E-B is effective February 23, 2007.

Sincerely,

A handwritten signature in black ink, appearing to read "Sean H. Gallagher".

Sean H. Gallagher, Director  
Energy Division



**Brian K. Cherry**  
Vice President  
Regulatory Relations

Pacific Gas and Electric Company  
77 Beale St., Mail Code B10C  
P.O. Box 770000  
San Francisco, CA 94177

415.973.4977  
Fax: 415.973.7226

August 17, 2007

**Advice 2946-E-B**  
(Pacific Gas and Electric Company U 39 E)

Public Utilities Commission of the State of California

**Subject: Revision to Rate Schedule E-RSAC – Residential Smart AC Program**

Pacific Gas and Electric Company (PG&E) hereby submits for filing a correction to the electric Rate Schedule E-RSAC - *Residential Smart AC Program* for Summer 2007. The affected tariff sheets are enclosed as Attachment 1.

**Purpose**

Resolution E-4061 (the Resolution) approved, with modifications, PG&E's Advice 2946-E proposing a 50% cycling rate (AC unit turned off 15 out of every 30 minutes) for residential customers and a 30% cycling rate (AC unit turned off 10 out every 30 minutes) for commercial customers. However, when PG&E filed Advice 2946-E-A to comply with the directives of E-4061, PG&E inadvertently filed the same language from the commercial customer program in the residential program tariff.

PG&E proposes to change the language in E-RSAC describing the residential A/C cycling to "15" minutes instead of "10" minutes over each subsequent 30 minute interval, as approved in Resolution E-4061.

**Protests**

Anyone wishing to protest this filing may do so by sending a letter by **September 6, 2007**, which is 20 days from the date of this filing. Protests should be mailed to:

CPUC Energy Division  
Tariff Files, Room 4005  
DMS Branch  
505 Van Ness Avenue  
San Francisco, California 94102

Facsimile: (415) 703-2200

E-mail: [anj@cpuc.ca.gov](mailto:anj@cpuc.ca.gov) and [mas@cpuc.ca.gov](mailto:mas@cpuc.ca.gov)

Copies of protests also should be mailed to the attention of the Director, Energy Division, Room 4004, at the address shown above.

The protest should be sent via both e-mail and facsimile to PG&E on the same date it is mailed or delivered to the Commission at the address shown below.

Brian K. Cherry  
Vice President, Regulatory Relations  
Pacific Gas and Electric Company  
77 Beale Street, Mail Code B10C  
P.O. Box 770000  
San Francisco, California 94177

Facsimile: (415) 973-7226  
E-mail: [PGETariffs@pge.com](mailto:PGETariffs@pge.com)

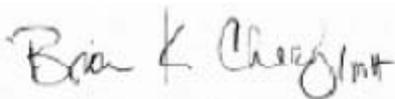
**Effective Date**

PG&E requests this advice letter be approved effective February 23, 2007, which is the date that Rate Schedule E-RSAC became effective.

**Notice**

In accordance with General Order 96-B, Section IV, a copy of this Advice Letter is being sent electronically and via U.S. mail to parties shown on the attached list and to the service list for A.05-06-006. Address changes should be directed to Rose de la Torre at (415) 973-4716. Advice Letter filings can also be accessed electronically at:

<http://www.pge.com/tariffs>



Vice President - Regulatory Relations

cc: Service List – A.05-06-006  
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. **Pacific Gas and Electric Company (ID U39 M)**

Utility type:

ELC       GAS  
 PLC       HEAT       WATER

Contact Person: Megan Hughes

Phone #: (415) 973-1877

E-mail: mehr@pge.com

EXPLANATION OF UTILITY TYPE

ELC = Electric      GAS = Gas  
PLC = Pipeline      HEAT = Heat      WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2946-E-B

**Tier: 1**

Subject of AL: Revision to Rate Schedule E-RSAC – Residential Smart AC Program

Keywords (choose from CPUC listing): Demand Side Management

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: **No**

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

Is AL requesting confidential treatment? If so, what information is the utility seeking confidential treatment for: **No**

Confidential information will be made available to those who have executed a nondisclosure agreement:  Yes  No

Name(s) and contact information of the person(s) who will provide the nondisclosure agreement and access to the confidential information:

Resolution Required?  Yes  No

Requested effective date: **February 23, 2007**

No. of tariff sheets: 3

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: Electric Rate Schedule E-RSAC

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

Pending advice letters that revise the same tariff sheets: N/A

Protests, dispositions, 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**

**Tariff Files, Room 4005**

**DMS Branch**

**505 Van Ness Ave.,**

**San Francisco, CA 94102**

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

**Pacific Gas and Electric Company**

**Attn: Brian K. Cherry**

**Vice President, Regulatory Relations**

**77 Beale Street, Mail Code B10C**

**P.O. Box 770000**

**San Francisco, CA 94177**

**E-mail: PGETariffs@pge.com**

**ATTACHMENT 1  
Advice 2946-E-B**

<b>Cal P.U.C. Sheet No.</b>	<b>Title of Sheet</b>	<b>Cancelling Cal P.U.C. Sheet No.</b>
26514-E	Schedule E-RSAC--Residential Smart A/C Program	25964*-E
26515-E	Table of Contents -- Rate Schedules	25993-E
26516-E	Table of Contents -- Title Page	26481-E



SCHEDULE E-RSAC — RESIDENTIAL SMART A/C PROGRAM  
 (Continued)

**RATES:** A customer's monthly electric bill will continue to be calculated in accordance with the otherwise applicable rate schedule.

**DEVICE OPTIONS:** Customers may elect that PG&E install, free of charge, one of the following two devices at their premise:

1. **A/C Cycling Switch:** The A/C Cycling switch will generally be installed outdoors, on or adjacent to the customer's A/C unit. When activated by PG&E, the switch will turn off the A/C unit up to 15 minutes over each subsequent 30 minute interval. This is called a "cycle." Program events will be limited to no more than six hours each day. An A/C unit can be cycled no more than 100 hours each year. (T)
2. **Programmable Controllable Thermostat (PCT):** A PCT is a thermostat that can be programmed and operated or activated remotely by a signal. When activated by PG&E, the thermostat temperature will be incrementally increased up to four degrees. Program events will be limited to no more than six hours each day. A PCT can be activated no more than 100 hours each year.

PG&E understands that there may be times that a temperature increase, however modest, may inconvenience customers. PG&E will provide its customers with a toll free telephone number and/or a dedicated website to override, without penalty, PG&E's control of their device for a program event absent rotating block outages.

**DEVICE CALL OPTION:** Customers on the SmartRate Program may request PG&E to activate their A/C Cycling switch or PCT when the customer is participating solely in a SmartDay event.

- SPECIAL CONDITIONS:**
1. Devices may be activated by PG&E based on system peak loading conditions, or transmission or distribution system loading conditions. PG&E may on a limited basis conduct operational tests on a segment of customer devices.
  2. Program events may occur Monday through Friday, during PG&E's summer season, which runs from May 1 through October 31 each year.
  3. Customers must remain on the Program for 12 months.
  4. PG&E will furnish, install, operate, and maintain an A/C Cycling switch or PCT at no cost to the customer for as long as the customer remains on this Program. Ownership of the installed devices will vest with the property owner. As a condition of participating in this Program, customer and property owner must agree to not deface, remove or otherwise interfere with the device or its operation while the customer is enrolled in this Program.
  5. PG&E will install specialized metering on a small sample of participants' A/C units to facilitate program impact estimates. PG&E will retain ownership of the specialized meters.
  6. Customer participation is limited to equipment and installation availability.
  7. Program participation must be authorized by a property owner at the premise. Renters or lease holders may participate with the owner's written approval.
  8. Customers with multiple air conditioning units at one premise must have all units controlled in order to participate in this program.
  9. The ability to override device may not be available in the event of an extreme emergency, such as a rotating block outage.

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E-20	Service to Customers with Maximum Demands of 1,000 Kilowatts or More .....	24891-24892, 26056-26057, 24894-24895, 25985, 22787, 22112, 25491, 22113-22114-E	
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E-37	Medium General Demand-Metered Time-of-Use Service to Oil and Gas Extraction Customers .....	24900-24901, 26058-26059, 24903-24904, 25986, 25492-25493-E	
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E-CSAC	Commercial Smart A/C Program .....	25965-25966-E	

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**PG&E Gas and Electric  
Advice Filing List  
General Order 96-B, Section IV**

ABAG Power Pool	Douglass & Liddell	PG&E National Energy Group
Accent Energy	Downey, Brand, Seymour & Rohwer	Pinnacle CNG Company
Aglet Consumer Alliance	Duke Energy	PITCO
Agnews Developmental Center	Duke Energy North America	Plurimi, Inc.
Ahmed, Ali	Duncan, Virgil E.	PPL EnergyPlus, LLC
Alcantar & Kahl	Dutcher, John	Praxair, Inc.
Ancillary Services Coalition	Dynergy Inc.	Price, Roy
Anderson Donovan & Poole P.C.	Ellison Schneider	Product Development Dept
Applied Power Technologies	Energy Law Group LLP	R. M. Hairston & Company
APS Energy Services Co Inc	Energy Management Services, LLC	R. W. Beck & Associates
Arter & Hadden LLP	Exelon Energy Ohio, Inc	Recon Research
Avista Corp	Exeter Associates	Regional Cogeneration Service
Barkovich & Yap, Inc.	Foster Farms	RMC Lonestar
BART	Foster, Wheeler, Martinez	Sacramento Municipal Utility District
Bartle Wells Associates	Franciscan Mobilehome	SCD Energy Solutions
Blue Ridge Gas	Future Resources Associates, Inc	Seattle City Light
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BP Energy Company	Gas Transmission Northwest Corporation	Sempra Energy
Braun & Associates	GLJ Energy Publications	Sequoia Union HS Dist
C & H Sugar Co.	Goodin, MacBride, Squeri, Schlotz &	SESCO
CA Bldg Industry Association	Hanna & Morton	Sierra Pacific Power Company
CA Cotton Ginners & Growers Assoc.	Heeg, Peggy A.	Silicon Valley Power
CA League of Food Processors	Hitachi Global Storage Technologies	Smurfit Stone Container Corp
CA Water Service Group	Hogan Manufacturing, Inc	Southern California Edison
California Energy Commission	House, Lon	SPURR
California Farm Bureau Federation	Imperial Irrigation District	St. Paul Assoc
California Gas Acquisition Svcs	Integrated Utility Consulting Group	Sutherland, Asbill & Brennan
California ISO	International Power Technology	Tabors Caramanis & Associates
Calpine	Interstate Gas Services, Inc.	Tecogen, Inc
Calpine Corp	IUCG/Sunshine Design LLC	TFS Energy
Calpine Gilroy Cogen	J. R. Wood, Inc	Transcanada
Cambridge Energy Research Assoc	JTM, Inc	Turlock Irrigation District
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Cellnet Data Systems	Marcus, David	URM Groups
Chevron Texaco	Matthew V. Brady & Associates	Utility Resource Network
Chevron USA Production Co.	Maynor, Donald H.	Wellhead Electric Company
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City of Healdsburg	McKenzie & Assoc	WMA
City of Palo Alto	McKenzie & Associates	
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CSC Energy Services	Norris & Wong Associates	
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Defense Fuel Support Center	Northern California Power Agency	
Department of the Army	Office of Energy Assessments	
Department of Water & Power City	OnGrid Solar	
DGS Natural Gas Services	Palo Alto Muni Utilities	