

## PUBLIC UTILITIES COMMISSION

SAN FRANCISCO, CA 94102-3298



March 7, 2007

Advice Letter 2100-E

Akbar Jazayeri  
Director of Revenue and Tariffs  
Southern California Edison Company  
P O Box 800  
Rosemead, CA 91770

MAR 12 2007  
REVENUE & TARIFFS DEPT.

Subject: Extension and Modification of the Southern California Edison Company's  
Circuit Saver Pilot Through 2007

Dear Mr. Jazayeri:

Advice Letter 2100-E is effective March 08, 2007. A copy of the advice letter is included herewith for your records.

Sincerely,

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

Sean H. Gallagher, Director  
Energy Division

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February 8, 2007

**ADVICE 2100-E**  
**(U 338-E)**

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA  
ENERGY DIVISION

**SUBJECT:**        **Extension and Modification of the Southern California Edison  
Company's Circuit Saver Pilot Through 2007**

**PURPOSE**

Southern California Edison Company (SCE) requests authorization to extend the Circuit Saver Pilot through 2007. The extension will enable SCE to collect vital test data not obtained during the 2006 pilot and will include up to three additional circuits in SCE's service territory, adding geographical test data for additional analysis. SCE requests authority to record the program costs (estimated at \$171,000) in the Demand Response Program Balancing Account (Preliminary Statement, Part Y).

**BACKGROUND**

On October 26, 2005, SCE filed Advice Letter 1923-E proposing to implement the Circuit Saver Pilot (Pilot) and requesting necessary tariff revisions to Experimental Schedule UCLT, Utility-Controlled Load tests, to allow SCE to conduct testing on load control devices used in the Summer Discount Plan (SDP). The Pilot developed with strong support from the Consortium for Electric Reliability Technology Solutions (CERTS) focused on obtaining load control data on approximately 500 customers' air conditioner units. The objective was to determine the impact of distribution circuit load reduction and its effectiveness in circuit load management.

For the reasons discussed below, SCE seeks authorization to extend the Pilot through 2007, and to include up to three additional circuits for testing so that geographical test data can be analyzed.

## **DISCUSSION**

Several factors including delayed pilot approval and insufficient participation levels caused the collection of insufficient 2006 pilot data. Extending the pilot through 2007 is necessary to meet the pilot objective for three reasons.

First, extending the pilot through 2007 will allow SCE to modify the pilot to include three additional circuits and will enable the collection of important geographical test data. The initial Pilot focused on a single specified circuit located in the City of Fontana and surrounding areas. The Pilot data would be greatly enhanced if multiple circuits were tested. Adding up to three additional circuits will provide important geographical information regarding weather data and market conditions not captured through a single test circuit. This additional information would prove useful in understanding how load control devices can be used for spinning reserve in distinct locations and provide an additional method for validating pilot results. SCE proposes to target the following cities for testing up to three additional strained circuits: Irvine, Quartz Hill, and Lancaster. However, SCE requests flexibility to target other locations with strained circuits if necessary to achieve the pilot objectives.

Second, additional marketing will be needed in 2007 to obtain acceptable participation levels. One of the critical elements of the pilot was to obtain response times and data delays during peak periods in summer 2006 to understand the effectiveness and the impact of load control equipment during times of needed distribution circuit load reduction. However, SCE was unable to recruit sufficient pilot participants to ensure valid results. The recruitment efforts to solicit customer participation resulted in 280 pilot participants being signed up. SCE needs at least 350 participants, and ideally 500 participants, on the circuit to obtain useful results.

To sign up the needed 1,400 pilot participants (4 circuits x 350 participants/circuit), a targeted marketing effort will be required. SCE proposes to conduct direct mailings with follow-up telemarketing to the three additional targeted circuits. In addition, SCE proposes to send the existing 280 customers already signed up on the Fontana circuit a letter informing them of the pilot extension and the need for their continued participation in the pilot under the terms of Schedule UCLT.

Third, due to a delayed start, the pilot did not gather adequate data during summer 2006. The pilot was not approved until June 27, 2006. As a result, implementation and marketing efforts to recruit program participants began in July 2006, well into the summer period. The limited data collected was insufficient to adequately measure pilot success.

Thus, SCE seeks approval within 30 days to extend the pilot through December 31, 2007 to allow SCE to recruit a sufficient number of participants (SCE estimates needing 1,400 participants to ensure valid data), to install all the two-way communication devices, and to collect critical 2007 summer data. Expedited approval within 30 days is necessary to obtain summer 2007 results.

## **PROGRAM COST RECOVERY**

The total estimated program costs to extend the pilot and add three additional circuits is not expected to exceed \$171,000 through December 31, 2007, which is the anticipated life of the pilot program. An incentive payment of \$100 to an estimated 1400 participants will cost \$140,000. Marketing activities to obtain sufficient participation levels will cost \$31,000. SCE does not seek new funding but proposes to shift existing authorized demand response funds to pay for the program costs during 2007. SCE requests authorization to record the actual program costs in the Demand Response Program Balancing Account (Preliminary Statement, Part Y).

This advice filing will not increase any rate or charge, cause the withdrawal of service, or conflict with any other schedule or rule.

## **EFFECTIVE DATE**

This advice filing will become effective on March 10, 2007, the 30<sup>th</sup> calendar day after the date filed.

## **NOTICE**

Anyone wishing to protest this advice filing may do so by letter via U.S. Mail, facsimile, or electronically, any of which must be received no later than 20 days after the date of this advice filing. Protests should be mailed to:

CPUC, Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue  
San Francisco, California 94102  
E-mail: [inj@cpuc.ca.gov](mailto:inj@cpuc.ca.gov) and [mas@cpuc.ca.gov](mailto:mas@cpuc.ca.gov)

Copies should also be mailed to the attention of the Director, Energy Division, Room 4004 (same address above).

In addition, protests and all other correspondence regarding this advice letter should also be sent by letter and transmitted via facsimile or electronically to the attention of:

Akbar Jazayeri  
Vice President, Revenue and Tariffs  
Southern California Edison Company  
2244 Walnut Grove Avenue  
Rosemead, California 91770  
Facsimile: (626) 302-4829  
E-mail: [AdviceTariffManager@sce.com](mailto:AdviceTariffManager@sce.com)

Bruce Foster  
Senior Vice President of Regulatory Operations  
c/o Karyn Gansecki  
Southern California Edison Company  
601 Van Ness Avenue, Suite 2040  
San Francisco, California 94102  
Facsimile: (415) 673-1116  
E-mail: [Karyn.Gansecki@sce.com](mailto:Karyn.Gansecki@sce.com)

There are no restrictions on who may file a protest, but the protest shall set forth specifically the grounds upon which it is based and shall be submitted expeditiously.

In accordance with Section III, Paragraph G, of General Order No. 96-A, SCE is serving copies of this advice filing to the interested parties shown on the attached GO 96-A and R.02-06-001 service lists. Address change requests to the GO 96-A service list should be directed by electronic mail to [AdviceTariffManager@sce.com](mailto:AdviceTariffManager@sce.com) or at (626) 302-4039. For changes to all other service lists, please contact the Commission's Process Office at (415) 703-2021 or by electronic mail at [Process\\_Office@cpuc.ca.gov](mailto:Process_Office@cpuc.ca.gov).

Further, in accordance with Public Utilities Code Section 491, notice to the public is hereby given by filing and keeping the advice filing at SCE's corporate headquarters. To view other SCE advice letters filed with the Commission, log on to SCE's web site at <http://www.sce.com/AboutSCE/Regulatory/adviceletters>.

For questions, please contact Harold R. McCarthy at (626) 302-3981 or by electronic mail at [Harold.McCarthy@sce.com](mailto:Harold.McCarthy@sce.com).

**Southern California Edison Company**

Akbar Jazayeri

AJ:hm:mm  
Enclosures

# 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.: Southern California Edison Company (U 338-E)

Utility type:

ELC       GAS  
 PLC       HEAT     WATER

Contact Person: James Yee

Phone #: (626) 302-2509

E-mail: James.Yee@sce.com

EXPLANATION OF UTILITY TYPE

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

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2100-E

Subject of AL: Extension and Modification of the Southern California Edison Company's Circuit Saver Pilot Through 2007

Keywords (choose from CPUC listing): Energy Efficiency, Balancing Account

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>:

Resolution Required?  Yes  No

Requested effective date: 3/10/07      No. of tariff sheets: -0-

Estimated system annual revenue effect: (%): \_\_\_\_\_

Estimated system average rate effect (%): \_\_\_\_\_

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: None

Service affected and changes proposed<sup>1</sup>: \_\_\_\_\_

Pending advice letters that revise the same tariff sheets: \_\_\_\_\_

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

**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  
[jinj@cpuc.ca.gov](mailto:jinj@cpuc.ca.gov) and [mas@cpuc.ca.gov](mailto:mas@cpuc.ca.gov)

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Rosemead, California 91770  
Facsimile: (626) 302-4829  
E-mail: [AdviceTariffManager@sce.com](mailto:AdviceTariffManager@sce.com)

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