
August 18, 2000

ADVICE 1479-E
(U 338-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA
ENERGY DIVISION

SUBJECT: Modification To Southern California Edison Company's Air
Conditioner Cycling Program

Southern California Edison Company (SCE) hereby submits for filing the following changes to its tariff schedules. The revised tariff sheets are listed on Attachment A and are attached hereto.

PURPOSE

SCE proposes to modify its tariffs associated with the Air Conditioner Cycling Program (ACCP), i.e., Schedules D-APS and GS-APS. The proposed modification would allow interruption of service to central air conditioning units subject to these tariffs to either (1) avoid the need for a Stage III condition, or (2) mitigate the extent of service interruptions that would otherwise occur due to a Stage III condition. In addition, the proposed modification would allow SCE to interrupt service to customers served under these schedules when, a condition exists that creates disruptions on SCE's electrical distribution system which, if left unresolved, could damage the electrical system or cause a more widespread interruption in the supply of power.

BACKGROUND

Schedules D-APS and GS-APS presently authorize SCE to interrupt service to central air conditioning units via automatic control devices for up to 15 times per year during the summer season, *i.e.* from the first Sunday in June to the first Sunday in October. The 15 cumulative interruptions can be initiated when the Independent System Operator directs SCE to curtail load or when SCE determines that conditions exist that may jeopardize the integrity of its distribution facilities.

As of August 16, 2000, acting at the direction of the ISO to reduce load during Stage II conditions, SCE has interrupted service to central air conditioning units served under these interruptible tariffs 10 times. Thus, because the existing tariffs would only allow SCE five more interruptions, it is likely that the present limit of 15 interruptions will be reached before the end of the summer season.

The ACCP, in conjunction with other interruptible load and demand management programs, serves an important role in avoiding the need for the ISO to declare a Stage III emergency. During Stage III conditions, SCE would implement rotating outages which would completely curtail service to blocks of customers until sufficient load has been shed to provide adequate reserve capacity.

SCE believes it would be in the public interest and consistent with its existing authority under Rule 14, part C, for SCE to interrupt service to D-APS and GS-APS customers by cycling air conditioning units whenever to do so would either avoid a Stage III condition or would mitigate the extent of rotating outages that would otherwise result during Stage III conditions.^{1/} Therefore, SCE proposes to modify Schedules D-APS and GS-APS to explicitly allow for such interruptions whether they are necessary either during or outside the defined summer season. Such interruptions would not be counted as part of the current 15 interruption limit prompted by Stage II conditions that occur during the summer season.^{2/}

Similarly, SCE believes that it would be in the public interest to interrupt service to selected D-APS and GS-APS customers whenever to do so will avoid a complete interruption of service to a large number of customers in particular circuits or districts. SCE can selectively activate the transmitters it uses to interrupt central air conditioning units to produce a reduction in load in an area where it is needed to avoid a complete outage. Therefore, SCE proposes to modify Schedules D-APS and GS-APS to allow for selective interruption whenever a condition exists that creates disruptions on SCE's electrical distribution system which, if left unresolved, could damage the electrical system or cause a more widespread interruption in the supply of power. As discussed above, such interruptions could occur either during or outside the summer season and would not be counted as part of the current 15 interruption limit prompted by Stage II conditions that occur during the summer season.

^{1/} Rule 14.C, entitled "Apportionment of Supply During Time of Shortage," provides that "Should a shortage of supply ever occur, SCE will apportion its available supply of electricity among its customers as authorized or directed by the Public Utilities Commission. In the absence of a Commission order, SCE will apportion the supply in the manner that appears to it most equitable under conditions then prevailing."

^{2/} SCE seeks confirmation of its operating policy via approval of these tariff modifications. Concurrent with this advice letter filing, SCE has notified the Commission's Executive Director and the Commissioners of this policy.

No cost information is required for this advice filing.

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

EFFECTIVE DATE

SCE requests that the California Public Utilities Commission (Commission) approve the tariff changes requested in this advice filing at its August 21, 2000 meeting or at its September 7, 2000 meeting. SCE recognizes that there is very limited time available that would allow for action at the Commission's August 21, 2000 meeting. Nonetheless, given the likelihood that the number of interruptions could reach the 15-interruption limit for Stage II conditions prior to the Commission's September 7, 2000 meeting, SCE requests expedited review and approval of this advice filing.

To the extent any delay in approval contributes to the declaration of a Stage III emergency condition by the ISO, the public welfare will be harmed. The Commission may reduce the 30-day comment period provided by PU Code § 311(g)(1). Pursuant to Rule 77.7(f)(9), SCE requests that the Commission reduce or waive the 30-day comment period due to public necessity. In addition, SCE requests that the Executive Director order an appropriate reduction in the protest period, consistent with the need for the Commission to act in a timely manner.

NOTICE

To provide timely and adequate notice, SCE is serving this advice filing electronically on appearances of record in A.99-09-049, etc. Anyone wishing to protest this advice filing may do so by letter or electronically, either of which must be received by SCE no later than 10 days after the date of this advice filing. Protests should be mailed, and sent via facsimile or electronic mail to:

IMC Program Manager
Energy Division
California Public Utilities Commission
505 Van Ness Avenue, Room 4002
San Francisco, California 94102
Facsimile: (415) 703-2200
E-mail: jjr@cpuc.ca.gov

Copies should 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 to the attention of:

Donald A. Fellows
Manager of Revenue and Tariffs
Southern California Edison Company
2244 Walnut Grove Avenue, Rm. 303
Rosemead, California 91770
Facsimile (626) 302-4829
E-mail: fellowda@sce.com

Bruce Foster
Vice President of Regulatory Operations
Southern California Edison Company
601 Van Ness Avenue, Suite 2040
San Francisco, California 94102
Facsimile (415) 673-1116
E-mail: fosterbc@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 mailing copies of this advice filing to the interested parties shown on the attached service list and A.99-09-049. Because SCE is requesting the Commission act on SCE's request as soon as its August 21, 2000 meeting, this advice filing is also being served electronically on interested parties in A. 99-09-049. Address change requests to the attached GO 96-A Service List should be directed to John Montanye at (626) 302-2308 or John.Montanye@sce.com.

Further, in accordance with Public Utilities Code Section 491, notice to the public is hereby given by filing and keeping the advice filing open for public inspection at SCE's corporate headquarters.

Southern California Edison Company

Donald A. Fellows, Jr.

Cal. P.U.C. Sheet No.	Title of Sheet	Cancelling Cal. P.U.C. Sheet No.
Revised 27534-E Revised 27535-E	Schedule D-APS Schedule GS-APS	Revised 25957-E* Revised 25962-E*
Revised 27536-E Revised 27537-E Revised 27538-E	Table of Contents Table of Contents Table of Contents	Revised 27366-E Revised 27386-E Revised 27489-E

Schedule D-APS
DOMESTIC AUTOMATIC POWERSHIFT

Sheet 3

(Continued)

SPECIAL CONDITIONS (Continued)

Cycling under Subsection a. and b. is limited to 15 occurrences per year during the period from the first Sunday in June to the first Sunday in October, inclusive, of each year, and is limited to no more than 6 hours duration per occurrence. Cycling under Subsection b. is limited to situations when the Company declares a Category One, Two, or Three Storm Alert and a condition exists that creates disruptions on the Company's electrical distribution system which, if left unresolved, could damage the electrical system or cause a more widespread interruption in the supply of power. A Category One Storm Alert is limited to a geographical area and is considered stable; or to a widespread power outage from a transmission disturbance and the transmission and distribution systems are considered stable. A Category Two Storm Alert requires additional resources outside zone/area boundaries; or the storm is escalating and involves two or more zones/areas. A Category Three Storm Alert is a catastrophic emergency that involves multiple zones/areas, resources are fully committed, and additional assistance, such as mutual aid, are requested.

6. Air Conditioning Cycling Strategy Change: Upon request by customers who commenced service under this Schedule prior to June 5, 1986, the Company shall change the cycling strategy as follows:

- a. Change to a lower percentage cycling strategy: The customer may change one time to a lower percentage cycling strategy within the first 12 months of service under this schedule at no charge. After one change or the first 12 months, whichever is first, the customer may be charged a service fee of \$30.
- b. Change to a higher percentage cycling strategy: No charge to customer, except when the customer had made a change to a lower percentage cycling strategy in the preceding 12 months, the customer may be charged a service fee of \$30.

7. Direct Access: A customer electing Direct Access shall notify its Energy Service Provider (ESP) and Scheduling Coordinator that its air-conditioning load is subject to interruption under this schedule.

8. ISO Ancillary Services: Customers shall be prohibited from bidding curtailable load into the ISO as an ancillary service. If, however, the Company has already utilized the full capability of the load curtailment program (e.g., has interrupted all the available hours), or during periods other than from the first Sunday in June to the first Sunday in October, the customer may bid into the ISO's ancillary services market to the full extent of any curtailable load for the rest of the year.

9. Emergency Activation of Air Conditioner Cycling: SCE may initiate air conditioner cycling if activation of the program is expected to avoid the need for or mitigate the extent of rotating outages (Stage III emergency conditions). In addition, SCE may initiate air conditioner cycling when a condition exists that creates disruptions on the Company's electrical distribution system which, if left unresolved, could damage the electrical system or cause a more widespread interruption in the supply of power.

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(To be inserted by utility)
Advice 1479-E
Decision _____

Issued by
John R. Fielder
Senior Vice President

(To be inserted by Cal. PUC)
Date Filed Aug 18, 2000
Effective _____
Resolution _____

Schedule GS-APS
GENERAL SERVICE AUTOMATIC POWERSHIFT

Sheet 3

(Continued)

SPECIAL CONDITIONS (Continued)

Cycling under Subsection a. and b. is limited to 15 occurrences per year during the period from the first Sunday in June to the first Sunday in October, inclusive, of each year, and is limited to no more than 6 hours duration per occurrence. Cycling under Subsection b. is limited to situations when the Company declares a Category One, Two, or Three Storm Alert and a condition exists that creates disruptions on the Company's electrical distribution system which, if left unresolved, could damage the electrical system or cause a more widespread interruption in the supply of power. A Category one Storm Alert is limited to a geographical area and is considered stable; or to a widespread power outage from a transmission disturbance and the transmission and distribution systems are considered stable. A Category Two Storm Alert requires additional resources outside zone/area boundaries; or the storm is escalating and involves two or more zones/areas. A Category Three Storm Alert is a catastrophic emergency that involves multiple zones/areas, resources are fully committed, and additional assistance, such as mutual aid, are requested.

6. Air Conditioning Cycling Strategy Change: At customer's request, Company shall change the cycling strategy as follows:

- a. Change to a lower percentage cycling strategy: The customer may change to a lower percentage cycling strategy within the first 12 months of service under this schedule at no charge. After one change or the first 12 months, whichever is first, the customer will be charged a service fee of \$30.
- b. Change to a higher percentage cycling strategy: No charge to customer, except when the customer had made a change to a lower percentage cycling strategy in the preceding 12 months, the customer will be charged a service fee of \$30.

7. Direct Access: A customer electing Direct Access shall notify its Energy Service Provider (ESP) and scheduling that its air-conditioning load is subject to interruption under this schedule.

8. ISO Ancillary Services: Customers shall be prohibited from bidding curtailable load into the ISO as an ancillary service. If, however, the Company has already utilized the full capability of the load curtailment program (e.g., has interrupted all the available hours), or during periods other than from the first Sunday in June to the first Sunday in October, the customer may bid into the ISO's ancillary services market to the full extent of any curtailable load for the rest of the year.

9. Emergency Activation of Air Conditioner Cycling: SCE may initiate air conditioner cycling if activation of the program is expected to avoid the need for or mitigate the extent of rotating outages (Stage III emergency conditions). In addition, SCE may initiate air conditioner cycling when a condition exists that creates disruptions on the Company's electrical distribution system which, if left unresolved, could damage the electrical system or cause a more widespread interruption in the supply of power. (N)

(Continued)

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Senior Vice President

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