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October 24, 2006

**ADVICE 2034-E-A**  
**(U 338-E)**

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA  
ENERGY DIVISION

**SUBJECT:** Supplement to Advice 2034-E, Modifications to the Air  
Conditioning Cycling Program to Address Electric Reliability  
Needs In Southern California For Summer 2007

In compliance with California Public Utilities Commission (Commission) Resolution E-4028, 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. SCE's revised Summer Discount Plan application form is attached hereto as Attachment B.

**PURPOSE**

The purpose of this filing is to supplement Advice 2034-E in part, in compliance with Resolution E-4028. Advice 2034-E was originally filed on August 29, 2006 in compliance with the August 15, 2006 Assigned Commissioner Ruling Addressing Electric Reliability Needs in Southern California for Summer 2007 (the "Electric Reliability ACR").

**BACKGROUND**

On August 15, 2006, Commission President Michael Peevey issued the Electric Reliability ACR. The Electric Reliability ACR found that the heat storm that hit California in July 2006 and the growth in electricity demand throughout the state that had become evident prior to the heat storm exposed certain vulnerabilities in the electric generation and transmission infrastructure that would require immediate attention to assure reliability in 2007, particularly in parts of Southern California. Consistent with the preference to be accorded demand response programs under the Energy Action Plan II, the Electric Reliability ACR directed SCE to take the necessary steps to target expanding its Air Conditioning Cycling Program (AC Cycling Program) by an additional 300 MW for the summer 2007 season.<sup>1</sup> The Electric

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<sup>1</sup> See Assigned Commissioner Peevey's Ruling Addressing Electric Reliability Needs in Southern California for Summer 2007, issued August 15, 2006 in R.05-12-013 and R.06-02-013.

Reliability ACR also instructed SCE to determine if shifting existing demand response funds could cover the costs of the additional 300 MW or if additional funds were necessary, and to provide this information to the Commission via the process outlined in the Assigned Commissioner Ruling issued August 9, 2006 in A.05-06-006 *et al.* (the "August 9 ACR").

Accordingly, SCE submitted Advice 2034-E, proposing the acceleration and expansion of its AC Cycling Program, also known as the Summer Discount Plan (SDP). Tariff changes were included in Advice 2034-E consistent with the process outlined in the August 9, 2006 ACR.<sup>2</sup> <sup>3</sup> As discussed in Advice 2034-E, SCE's proposals for the SDP warranted expeditious treatment to afford SCE the chance to achieve the aggressive "stretch" demand response goal established by the Electric Reliability ACR by Summer 2007.

SCE's Advice 2034-E was timely protested by TURN and the DRA on September 18, 2006. SCE responded to both protests on September 18, 2006, countering the main contention of both protests, which challenged the appropriateness of SCE's incremental funding request through an advice letter. As stated in SCE's response to the protests of TURN and DRA, General Order 96-A provides that a request to revise tariffs is properly made through an advice letter, and SCE's advice filing was proper, especially given the strong desire of the Commission to achieve an additional 225 MW by Summer 2007.

On October 19, 2006, the Commission issued Resolution E-4028, approving the acceleration of SCE's SDP. Resolution E-4028 orders SCE to implement the following:

1. SCE shall accelerate its SDP to target an additional 225 MW from August 2006 to July 2007, for a total of 600 MW of SDP enrollments by summer 2007.
2. Incremental funding for accelerated SDP is authorized at \$18.4 million.

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<sup>2</sup> See the August 15, 2006 e-mail from Bruce Kaneshiro of the Energy Division, clarifying that the August 9 ACR permits advice filings for proposals that need to be given expedited treatment.

<sup>3</sup> The August 9 ACR also directed the IOUs to hold a public meeting before filing proposals for the purpose of "collaborating with the parties about the more efficient and effective means of augmenting and improving demand response programs for 2007 and 2008." (Ruling Paragraph 2). Accordingly, SCE held a conference call on August 24, 2006 to discuss its expedited proposals to be filed in advance of August 30, including this advice filing, with the Demand Response Collaborative Parties, including the Division of Ratepayer Advocates (DRA), The Utility Reform Network (TURN), Aglet Consumer Alliance, San Francisco (SF) Power, Pacific Gas and Electric Company (PG&E) and San Diego Gas & Electric Company (SDG&E). SCE heard no serious concerns regarding its proposals for the SDP during this call, although not all of the proposals' details had been finalized at the time of the call. In addition, SCE, PG&E and SDG&E noticed and held a joint public meeting on August 25, 2006 via conference call to present all of their proposals (both expedited proposals and those to be filed on August 30 in A.05-06-006 *et al.*) and to seek input from interested parties. Numerous parties participated in the meeting, including the DRA, TURN, SF Power, California Independent System Operator, California Energy Commission, SAIC, Portland Energy, Lockheed Martin, AReM, CLECA, Summit Blue, Walmart, KEMA, Inc., Ecos Consulting, Enernoc, Dencorp, and possibly others who may not have identified themselves on the call. Once again, SCE heard no serious objections from parties to SCE's proposals for the SDP.

3. The accelerated plan includes significantly increasing marketing and outreach activities, expanding the SDP device installation appointment times to evenings and weekends, and offering incentives to reactivate dormant SDP devices.
4. Commencing December 15, 2006, SCE shall provide a monthly progress report on the efforts made towards reaching the MW goal to the service list of A.05-06-006 *et al.*, and continue to provide monthly reports until October 2007.
5. Modifications to existing tariff schedules D-APS, D-APS-E, GS-APS, and GS-APS-E shall include; (a) close the 40% cycling strategy to new enrollments under schedules GS-APS and GS-APS-E; (b) allow for the removal of customers from the SDP prior to one year of service due to serious health problems; (c) allow for one 30-minute test event per summer season, and if warranted, a second 30-minute test event; (d) removal of language from the applicability section of schedules D-APS and D-APS-E that currently excludes schedule TOU-D-1 and TOU-D-2 customers from participation in the SDP.
6. SCE shall revise its printed SDP application to include the same language and format for the plan options as its online enrollment form.

This supplement to Advice 2034-E implements the above directives.

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 other schedule or rule.

### **EFFECTIVE DATE**

Pursuant to Ordering Paragraph 6 of Resolution E-4028, SCE request that this advice filing become effective upon filing.

### **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 by the Energy Division and SCE 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: [jjr@cpuc.ca.gov](mailto:jjr@cpuc.ca.gov) and [jnj@cpuc.ca.gov](mailto:jnj@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, Quad 3D  
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 A.05-06-006 *et al.* and SCE's GO 96-A service list. Address change requests to the attached GO 96-A Service List should be directed to (626) 302-4039 or by electronic mail at [AdviceTariffManager@sce.com](mailto:AdviceTariffManager@sce.com). For changes to the any other Service List, 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 open for public inspection 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 David Reed at (626) 302-8312 or [David.Reed@sce.com](mailto:David.Reed@sce.com).

**Southern California Edison Company**

Akbar Jazayeri

AJ;jc: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: <input checked="" type="checkbox"/> ELC <input type="checkbox"/> GAS <input type="checkbox"/> PLC <input type="checkbox"/> HEAT <input type="checkbox"/> 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) #: <u>2034-E-A</u>	
Subject of AL: <u>Supplement to Supplement Advice 2034-E, Modifications to the Air Conditioning Cycling Program to Address Electric Reliability Needs in Southern California For Summer 2007</u>	
Keywords (choose from CPUC listing): <u>Compliance, Air Conditioning</u>	
AL filing type: <input type="checkbox"/> Monthly <input type="checkbox"/> Quarterly <input type="checkbox"/> Annual <input checked="" type="checkbox"/> One-Time <input type="checkbox"/> Other _____	
If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #: <p style="text-align: center;">E-4028</p>	
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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Requested effective date: <u>10/24/06</u> No. of tariff sheets: <u>12</u>	
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: <u>Preliminary Statement Part Y, Schedules D-APS, D-APS-E, GS-APS, GS-APS-E and Table of Contents</u>	
Service affected and changes proposed <sup>1</sup> : _____	
Pending advice letters that revise the same tariff sheets: <u>Advice 1965-E, 1998-E and 2010-E</u>	

<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  
jjr@cpuc.ca.gov and jnj@cpuc.ca.gov

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)

Cal. P.U.C. Sheet No.	Title of Sheet	Cancelling Cal. P.U.C. Sheet No.
Revised 41395-E**	Preliminary Statement Part Y	Revised 40902-E*
Revised 41396-E* Revised 41397-E Revised 41398-E*	Schedule D-APS Schedule D-APS Schedule D-APS	Revised 40618-E Revised 36810-E Revised 40619-E*
Revised 41399-E* Revised 41400-E Revised 41401-E*	Schedule D-APS-E Schedule D-APS-E Schedule D-APS-E	Revised 40620-E Revised 36813-E* Revised 40621-E*
Revised 41402-E Revised 41403-E	Schedule GS-APS Schedule GS-APS	Revised 41023-E Revised 36816-E*
Revised 41406-E	Schedule GS-APS-E	Revised 36819-E
Revised 41408-E Revised 41411-E	Table of Contents Table of Contents	Revised 41369-E Revised 41370-E

PRELIMINARY STATEMENT

Sheet 1

Y. Demand Response Program Balancing Account (DRPBA)

1. Purpose:

The purpose of the DRPBA is to record the difference between the actual capital-related revenue requirement and O&M costs incurred by SCE and the authorized Demand Response Revenue Requirement approved by the Commission in D.06-03-024 and in SCE's General Rate Case (GRC) proceedings. In addition, the DRPBA will include a one-time transfer of Demand Response program expenses recorded in the Advanced Metering and Demand Response Memorandum Account (AMDRMA) during the period January through April 12, 2006.

2. Definitions.

a. Authorized Annual DRP Funding Levels (Such amount shall exclude Franchise Fees and Uncollectible (FF&U) Accounts expense.)

- (1) Authorized in D.06-03-024, Resolution E-4020, and Resolution E-4028 (T)  
(D)

Year	Authorized Funding Levels (\$000)		
	Distribution	Generation <sup>1/</sup>	Total
2006	44,720	53	44,773
2007	42,138	53	42,191
2008	<u>32,446</u>	<u>53</u>	<u>32,499</u>
Subtotal	119,304	159	119,463
Less:			
Authorized Statewide Pricing Pilot Expenses <sup>2/</sup>	<u>527</u>	-	<u>527</u>
Plus:			
CBP Cost			
2007	1,030	-	1,030
2008	880	-	880
Total Authorized DRP Funding (DRPBA-Related)	120,687 (I)	159	120,846 (I)
Annualized DRP Funding (DRPBA-Related) <sup>3/</sup>	40,229 (I)	53	40,282 (I)

1/ Total Generation-related authorized revenues are associated with the Critical Peak Pricing Program.

2/ These program expenses are recorded in the AMDRMA, (Preliminary Statement, Part N.12).

3/ These annualized amounts included in rate levels each year through 2008 also include associated FF&U.

(Continued)

(To be inserted by utility)  
Advice 2034-E-A  
Decision \_\_\_\_\_

Issued by  
Akbar Jazayeri  
Vice President

(To be inserted by Cal. PUC)  
Date Filed Oct 24, 2006  
Effective Oct 24, 2006  
Resolution E-4028



Schedule D-APS  
DOMESTIC AUTOMATIC POWERSHIFT

Sheet 1

APPLICABILITY

Applicable to domestic service customers in an individually metered single-family accommodation with central electric air conditioning where a portion of the customer's electrical load is subject, on a selective basis at SCE's option, to disconnection from SCE's service by SCE through automatic control devices. Service pursuant to this Schedule shall be subject to adequate signal strength, availability of control devices, and acceptable operating condition of the air conditioner unit. This Schedule is not applicable to customers receiving a Medical Baseline Allocation for air conditioning, receiving service under Schedules D-APS-E, DM, DMS-1, DMS-2, DMS-3, or DS. (C)

TERRITORY

Within the entire territory served.

RATES

The rates, as applicable under the customer's Otherwise Applicable Tariff (OAT), shall apply, (T) except the customer's bill shall be reduced by the following applicable credit:

Strategy A  
\$0.18 per Summer Season day per connected ton of central air conditioning for 100% cycling

Strategy B  
\$0.10 per Summer Season day per connected ton of central air conditioning for 67% cycling

Strategy C  
\$0.05 per Summer Season day per connected ton of central air conditioning for 50% cycling

In no event shall the amount of credit exceed the amount of the Distribution portion of the Energy Charge plus the total charge for generation of the customer's bill as calculated under the customer's OAT. Also, the Basic Charge as shown on the customer's OAT shall apply. (T)

MINIMUM CHARGE: The Minimum Charge provision of the customer's OAT shall apply. (T)

(Continued)

(To be inserted by utility)  
Advice 2034-E-A  
Decision \_\_\_\_\_

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Resolution E-4028

Schedule D-APS  
DOMESTIC AUTOMATIC POWERSHIFT

Sheet 2

(Continued)

SPECIAL CONDITIONS

1. Air Conditioning Cycling: Cycling will be accomplished utilizing the control device during cycling periods as defined in Special Condition 5 to disconnect the air conditioning compressor for up to 15 minutes out of every 30 minutes for 50% cycling, or 20 minutes out of every 30 minutes for 67% cycling.

The control device will function at such times selected by SCE to disconnect the entire air conditioning system for 100% cycling. Credit in accordance with the rates above will commence on the first Summer Season billing month following completion of the installation of the control device and shall continue each month of the Summer Season thereafter whether or not any cycling has been performed during that month.

2. Summer Season: The Summer Season shall commence at 12:00 a.m. on the first Sunday in June and continue until 12:00 a.m. of the first Sunday in October of each year.

3. Control Device: SCE, at its own expense, will furnish, own, operate, and maintain the control device installed by SCE at each customer's premises.

4. Term of Service: Service under this Schedule shall be for a minimum of one year from the date on which service under this Schedule begins. The minimum of one year restriction does not apply when a customer's household develops a serious medical condition that is substantiated by a medical provider subsequent to program enrollment that, in SCE reasonable discretion, would have disqualified the customer from enrolling in this program in the first place.

(C)  
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(C)

5. Cycling Period: A cycling period is one in which air conditioner service may be interrupted:

- a. Upon notification to SCE from the Independent System Operator (ISO) of the need to implement load reductions in SCE's service territory, a cycling period can be activated under this Schedule;
- b. When a declaration by SCE of a Category One, Two, or Three Storm Alert exists which may jeopardize the integrity of SCE's distribution facilities;
- c. For testing of the control device. Testing of the Control Device will only occur if SCE does not receive the desired load reduction results after an Air Conditioning Cycling event. A Test of the Control Device will interrupt power to a customer's air conditioner a maximum of 30 minutes. SCE will test during peak hours once per Summer Season. However, if warranted for system verification purposes, SCE may initiate a second 30 minute test.

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(C)

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(To be inserted by utility)  
Advice 2034-E-A  
Decision \_\_\_\_\_

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Schedule D-APS  
DOMESTIC AUTOMATIC POWERSHIFT

Sheet 3

(Continued)

SPECIAL CONDITIONS (Continued)

## 5. Cycling Period: (Continued)

The number of cycling periods 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 a cycling period is limited to no more than 6 hours duration per occurrence. Cycling under Subsection b. is limited to situations when SCE declares a Category One, Two, or Three Storm Alert and 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. 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, SCE 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 will be charged a service fee of \$30.

b. Change to a higher percentage cycling strategy: No charge to customer.

## 7. Direct Access (DA) and Community Choice Aggregation (CCA): A customer receiving DA or CCA service shall notify its Energy Service Provider (ESP) or Community Choice Provider (CCP), as applicable, and Scheduling Coordinator that its air-conditioning load is subject to interruption under this Schedule.

(To be inserted by utility)

Advice 2034-E-A

Decision \_\_\_\_\_

Issued by

Akbar JazayeriVice President

(To be inserted by Cal. PUC)

Date Filed Oct 24, 2006Effective Oct 24, 2006Resolution E-4028



Schedule D-APS-E  
DOMESTIC AUTOMATIC POWERSHIFT-ENHANCED

Sheet 1

APPLICABILITY

Applicable to domestic service customers in an individually metered single-family accommodation with central electric air conditioning where a portion of the customer's electrical load is subject, on a selective basis at SCE's option, to disconnection from SCE's service by SCE through automatic control devices. Service pursuant to this Schedule shall be subject to adequate signal strength, availability of control devices, and acceptable operating condition of the air conditioner unit. This Schedule is not applicable to customers receiving a Medical Baseline Allocation for air conditioning, receiving service under Schedules D-APS, DM, DMS-1, DMS-2, DMS-3, or DS. (C)

TERRITORY

Within the entire territory served.

RATES

The rates, as applicable under the customer's Otherwise Applicable Tariff (OAT), shall apply, except (T) the customer's bill shall be reduced by the following applicable credit:

Strategy A  
\$0.36 per Summer Season day per connected ton of central air conditioning for 100% cycling

Strategy B  
\$0.20 per Summer Season day per connected ton of central air conditioning for 67% cycling

Strategy C  
\$0.10 per Summer Season day per connected ton of central air conditioning for 50% cycling

In no event shall the amount of credit exceed the amount of the Distribution portion of the Energy Charge plus the total charge for generation of the customer's bill as calculated under the customer's OAT. Also, the Basic Charge as shown on the customer's OAT shall apply. (T)

MINIMUM CHARGE: The Minimum Charge provision of the customer's OAT shall apply. (T)

(Continued)

(To be inserted by utility)  
Advice 2034-E-A  
Decision \_\_\_\_\_

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Schedule D-APS-E  
DOMESTIC AUTOMATIC POWERSHIFT-ENHANCED

Sheet 2

(Continued)

SPECIAL CONDITIONS

1. Air Conditioning Cycling: Cycling will be accomplished utilizing the control device during cycling periods as defined in Special Condition 5 to disconnect the air conditioning compressor for up to 15 minutes out of every 30 minutes for 50% cycling, or 20 minutes out of every 30 minutes for 67% cycling.

The control device will function at such times selected by SCE to disconnect the entire air conditioning system for 100% cycling. Credit in accordance with the rates above will commence on the first Summer Season billing month following completion of the installation of the control device and shall continue each month of the Summer Season thereafter whether or not any cycling has been performed during that month.

2. Summer Season: The Summer Season shall commence at 12:00 a.m. on the first Sunday in June and continue until 12:00 a.m. of the first Sunday in October of each year.

3. Control Device: SCE, at its own expense, will furnish, own, operate, and maintain the control device installed by SCE at each customer's premises.

4. Term of Service: Service under this Schedule shall be for a minimum of one year from the date on which service under this Schedule begins. The minimum of one year restriction does not apply when a customer's household develops a serious medical condition that is substantiated by a medical provider subsequent to program enrollment that, in SCE reasonable discretion, would have disqualified the customer from enrolling in this program in the first place.

(C)  
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(C)

5. Cycling Period: A cycling period is one in which air conditioner service may be interrupted:

- a. Upon notification to SCE from the Independent System Operator (ISO) of the need to implement load reductions in SCE's service territory, a cycling period can be activated under this Schedule;

- b. When a declaration by SCE of a Category One, Two, or Three Storm Alert exists which may jeopardize the integrity of SCE's distribution facilities;

- c. For testing of the control device. Testing of the Control Device will only occur if SCE does not receive the desired load reduction results after an Air Conditioning Cycling event. A Test of the Control Device will interrupt power to a customer's air conditioner a maximum of 30 minutes. SCE will test during peak hours once per Summer Season. However, if warranted for system verification purposes, SCE may initiate a second 30 minute test.

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(C)

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Schedule D-APS-E  
DOMESTIC AUTOMATIC POWERSHIFT-ENHANCED

Sheet 3

(Continued)

SPECIAL CONDITIONS (Continued)

## 5. Cycling Period: (Continued)

The number of cycling periods under Subsection a. and b. is unlimited during the period from the first Sunday in June to the first Sunday in October, inclusive, of each year, and a cycling period is limited to no more than 6 hours duration per occurrence. Cycling under Subsection b. is limited to situations when SCE declares a Category One, Two, or Three Storm Alert and 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. 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, SCE shall change the cycling strategy as follows:

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b. Change to a higher percentage cycling strategy: No charge to customer.

## 7. Direct Access (DA) and Community Choice Aggregation (CCA): A customer receiving DA or CCA service shall notify its Energy Service Provider (ESP) or Community Choice Provider (CCP), as applicable, and Scheduling Coordinator that its air-conditioning load is subject to interruption under this Schedule.

(To be inserted by utility)

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Decision \_\_\_\_\_

Issued by

Akbar JazayeriVice President

(To be inserted by Cal. PUC)

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Schedule GS-APS  
GENERAL SERVICE AUTOMATIC POWERSHIFT

Sheet 1

APPLICABILITY

Applicable to customers served under Schedules GS-1, GS-2, TOU-GS-1, TOU-GS-3, or TOU-8 where the customer's central electric air conditioner compressor is subject to cycling by SCE. Service pursuant to this Schedule shall be subject to adequate signal strength, availability of control devices, and acceptable operating condition of the air conditioner unit. Once a customer served under the 40% cycling strategy switches to a different cycling strategy (e.g., 30%, 50%, or 100%), in accordance with Special Condition 6 below, such customer cannot return to the 40% cycling strategy. Additionally, 30%, 50%, or 100% cycling strategy customers cannot change to the 40% cycling strategy option. (C)

TERRITORY

Within the entire territory served.

RATES

The rates specified in Schedule GS-1 and TOU-GS-1 are applicable to this service and shall be adjusted as follows:

The customer's bill shall be reduced by an amount equal to:

- \$0.014 per Summer Season day per connected ton of air conditioning for 30% cycling
- \$0.042 per Summer Season day per connected ton of air conditioning for 40% cycling
- \$0.070 per Summer Season day per connected ton of air conditioning for 50% cycling
- \$0.200 per Summer Season day per connected ton of air conditioning for 100% cycling

The rates specified in Schedules GS-2, TOU-GS-3, or TOU-8 are applicable to this service and shall be adjusted as follows:

The customer's bill shall be reduced by an amount equal to:

- \$0.42 per Summer Season month per connected ton of air conditioning for 30% cycling
- \$1.25 per Summer Season month per connected ton of air conditioning for 40% cycling
- \$2.10 per Summer Season month per connected ton of air conditioning for 50% cycling
- \$6.00 per Summer Season month per connected ton of air conditioning for 100% cycling

In no event shall the amount of credit exceed the amount of the Distribution portion of the Energy and Demand Charges plus the total charge for generation of the customer's bill as calculated under the Otherwise Applicable Tariff (OAT). Also, the monthly Customer Charge as shown on the OAT shall apply.

(Continued)

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Decision \_\_\_\_\_

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Schedule GS-APS  
GENERAL SERVICE AUTOMATIC POWERSHIFT

Sheet 2

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SPECIAL CONDITIONS

1. Air Conditioning Cycling: Cycling will be accomplished utilizing the Control Device during cycling periods as defined in Special Condition 5 to disconnect the air conditioner compressor for up to 9 minutes out of every 30 minutes for 30% cycling, 12 minutes out of every 30 minutes for 40% cycling, 15 minutes out of every 30 minutes for 50% cycling, or 30 minutes out of every 30 minutes for 100% cycling. Credit in accordance with the rates above will commence on the first Summer Season billing month following completion of the installation of the control device and shall continue each month of the Summer Season thereafter whether or not any cycling has been performed during that month. (C)
2. Summer Season: The Summer Season shall commence at 12:00 a.m. on the first Sunday in June and continue until 12:00 a.m. of the first Sunday in October of each year.
3. Control Device: SCE, at its own expense, will furnish, install, own, operate, and maintain the control devices at each customer's premises.
4. Term of Service: Service under this Schedule shall be for a minimum of one year from the date on which service under this Schedule begins.
5. Cycling period: A cycling period is one in which air conditioner service may be interrupted:
  - a. Upon notification to SCE from the Independent System Operator (ISO) of the need to implement load reductions in SCE's service territory, a cycling period can be activated under this Schedule;
  - b. When a declaration by SCE of a Category One, Two, or Three Storm Alert exists which may jeopardize the integrity of SCE's distribution facilities.
  - c. For testing of the Control Device. Testing of the Control Device will only occur if SCE does not receive the desired load reduction results after an Air Conditioning Cycling event. A Test of the Control Device will interrupt power to a customer's air conditioner a maximum of 30 minutes. SCE will test during peak hours once per Summer Season. However, if warranted for system verification purposes, SCE may initiate a second 30 minute test. (T)  
(C)  
|  
(C)

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Schedule GS-APS-E Sheet 2  
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(Continued)

SPECIAL CONDITIONS

1. Air Conditioning Cycling: Cycling will be accomplished utilizing the control device during cycling periods as defined in Special Condition 5 to disconnect the air conditioner compressor for up to 9 minutes out of every 30 minutes for 30% cycling, 12 minutes out of every 30 minutes for 40% cycling, 15 minutes out of every 30 minutes for 50% cycling, or 30 minutes out of every 30 minutes for 100% cycling. Credit in accordance with the rates above will commence on the first Summer Season billing month following completion of the installation of the control device and shall continue each month of the Summer Season thereafter whether or not any cycling has been performed during that month. (C)
  
2. Summer Season: The Summer Season shall commence at 12:00 a.m. on the first Sunday in June and continue until 12:00 a.m. of the first Sunday in October of each year.
  
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  - b. When a declaration by SCE of a Category One, Two, or Three Storm Alert exists which may jeopardize the integrity of SCE's distribution facilities.
  
  - c. For testing of the control device. Testing of the Control Device will only occur if SCE does not receive the desired load reduction results after an Air Conditioning Cycling event. A Test of the Control Device will interrupt power to a customer's air conditioner a maximum of 30 minutes. SCE will test during peak hours once per Summer Season. However, if warranted for system verification purposes, SCE may initiate a second 30 minute test. (C)  
|  
(C)

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**ATTACHMENT B**

Enrolling in SCE's Summer Discount Plan can provide you with up to \$200\* in savings during the summer season. Once you sign up and choose a plan, we will install, at no cost to you, a device on your central air conditioner that allows us to turn it off for up to 6 hours during an emergency interruption. Once enrolled, you will be included automatically in the Summer Discount Plan every summer.

As you complete this application, ensure that you choose a plan option in Section 2 and tell us how many devices you need in Section 3 before sending the application back to us in the enclosed postage-paid envelope. (If you are a renter, please have your property manager or owner sign Section 4.) For more information or to enroll online, go to [www.sce.com/sdp](http://www.sce.com/sdp). More questions? Call us at **1-800-497-2813** or **TTY 1-800-352-8580**.

1. Complete your account information			
Service account # <b>3</b> _____ - _____ - _____	Email _____		
My name (last name, first name) _____			
My service address (number, street) _____			
City _____	State _____	Zip _____	
Home phone # ( ) _____	Best time to call (weekdays) :	<input type="checkbox"/> AM	<input type="checkbox"/> PM
Alternate phone # ( ) _____	Best time to call (weekdays) :	<input type="checkbox"/> AM	<input type="checkbox"/> PM

2. Choose one of the plan options below
I would like one of the following options (please choose one):
<input type="checkbox"/> <b>Up to \$200 savings per summer season</b> Maximum Savings, A/C off continuously for emergency period (Unlimited interruptions during the summer season)
<input type="checkbox"/> <b>Up to \$100 savings per summer season</b> Maximum Savings, A/C off continuously for emergency period (Up to 15 interruptions during the summer season)
<input type="checkbox"/> <b>Up to \$100 savings per summer season</b> Good Value, A/C off 20 out of every 30 minutes (Unlimited interruptions during the summer season)
<input type="checkbox"/> <b>Up to \$50 savings per summer season</b> Good Value, A/C off 20 out of every 30 minutes (Up to 15 interruptions during the summer season)
<input type="checkbox"/> <b>Up to \$50 savings per summer season</b> Maximum Comfort, A/C off 15 out of every 30 minutes (Unlimited interruptions during the summer season)
<input type="checkbox"/> <b>Up to \$25 savings per summer season</b> Maximum Comfort, A/C off 15 out of every 30 minutes (Up to 15 interruptions during the summer season)

3. Tell us about your central air conditioners
How many central air conditioners do you want the devices installed on? (please circle one)    1    2    3    other _____
Where are these central air conditioners located? (please circle one)    Ground    Roof    Both
Do you require someone to be home when we install the devices? <input type="checkbox"/> No – SCE has my permission to install devices without my presence. There are no access issues at my home like a locked gate or a dog. <input type="checkbox"/> Yes – The person at my home will be over the age of 18 and will be present during the installation. In Section 1, I have provided a phone number and best time to call (weekdays only) to schedule an appointment.

4. Read and sign below (Remember if you're a renter, your property owner or manager must also sign below.)	
By submitting this application, I confirm that the above information is correct, that I am a Southern California Edison customer with a central air conditioner in good working order, and I would like to enroll in the Residential Summer Discount Plan indicated in Section 2.	
I understand: <ul style="list-style-type: none"> <li>the amount of my savings is based on the calculated tonnage of my working central air conditioner(s), the amount of my electrical consumption and the number of summer season days in each billing period,</li> <li>the Summer Discount Plan devices will not be installed on a non-operational central air conditioner,</li> <li>the program is subject to the availability of Summer Discount Plan devices and adequate signal strength of the turn-off devices,</li> <li><b>the Summer Discount Plan requires a minimum of one year participation from the date my service on the plan begins, and</b></li> <li><b>this plan is not recommended for anyone unable to tolerate high temperatures or who has significant health problems.</b></li> </ul>	
My signature _____	Date    /    /
Signature of my property owner or manager (for renters only) _____	Date    /    /

\* The maximum savings amount of up to \$200 represents the summer season savings a resident could enjoy with a typical 4.5-ton central air conditioning unit. Savings could increase with larger units and decrease for smaller ones.

Based upon a full summer season participation from the first Sunday in June through the first Sunday in October. Enrollment after the first Sunday in June will result in pro-rated savings beginning from the first meter read date after your application has been processed and your device has been installed.

The credit amounts and program options are subject to change by the California Public Utilities Commission. Maximum credit amounts are subject to certain minimum usage requirements and vary by central air conditioner tonnage.