
May 18, 2001

ADVICE 1543-E
(U 338-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA
ENERGY DIVISION

SUBJECT: **Establishment of Schedule TOU-8-BU and the Back-Up
Service Agreement Between Customer and Southern
California Edison and Revisions to Schedule S**

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

This advice filing proposes to establish new tariffs, Schedule TOU-8-BU, Time-Of-Use-General Service-Large-Back-Up Service, and the Back-Up Service Agreement Between Customer and SCE (Form 14-730) and to revise Schedule S, Standby, in order to provide back-up service to large customers with generating facilities and to other large customers for reliability purposes. This advice filing is made at the request of new generation plant owners in order to facilitate installation and operation of the new generation plants.

BACKGROUND

Recently, SCE has received several requests from large customers with generating facilities and other large customers asking for an additional service at their premises to be used solely for reliability or "back-up" purposes. SCE's current practice for back-up service is to provide preferred/emergency service under its Rule 2, Description of Service, Section H, Added Facilities. This practice is to provide preferred/emergency service at the same voltage as the customer's existing

service through the existing meter. However, customers have requested to receive back-up service at a different voltage than the voltage of their main service. For example, customers metered at 66kV are requesting back-up service at 16kV. These customers generally have high demand and want the ability to serve their entire load or a critical portion of their load on the back-up service to improve reliability. Separate metering is needed if the back-up service voltage is different from the main service or if a customer wants back-up service at a different location on its premises than the main service. The latter may occur when the customer has a unique parcel of land where the critical load that the back-up service will serve is remote or distant from the main service feed.

In order to satisfy such requests for back-up service, SCE is proposing to offer an additional metered service connection to a customer's main service. Providing an additional meter is a new way to provide service reliability without having to provide such service through the same meter requiring the customer to have a completely redundant service. The back-up service would only be used if the customer's main service were not available. However, SCE is not offering back-up service as means to prevent a customer from being subject to rotating outages. In the event a customer who elects to receive back-up service is designated by the California Public Utilities Commission's (Commission) decisions or staff as exempted essential use, the back-up service shall not be deemed as essential nor exempt the customer from rotating outages. Furthermore, the back-up service shall not be used to serve load that is interrupted/curtailed at the main service as a result of the customer's participation in a load curtailment program in which the customer agrees to interrupt/curtail its load.

This back-up service offering results in a new rate schedule, Schedule TOU-8-BU, and contract Form 14-730 and a new special condition in Schedule S, Standby, entitled "Separate Service Connections and Meters for Generating Facilities." Schedule TOU-8-BU will only be applicable to generating facilities and other large customers with the main service on their premises served under Schedule TOU-8 and who will have more than 500 kW served on the back-up service. The new Special Condition added to Schedule S also provides for back-up service to loads of 500 kW or less for large customers with generating facilities. Back-up service is predicated upon the customer's continued eligibility for Schedule TOU-8 and the associated Added Facilities agreement that is required for the installation of the back-up service electrical facilities. If the customer becomes ineligible for or terminates service on Schedule TOU-8 or the Added Facilities agreement, then service on Schedule TOU-8-BU would also terminate.

Schedule TOU-8-BU contains customer, demand, and energy charges. However, the customer pays a lower Customer Charge and will not be charged the Facilities Related Component of the Demand Charge in recognition of the Added Facilities charge. Also, the Time Related Component of the Demand Charge under this

schedule will be credited for all demand charges that are incurred on the main service during the corresponding time-of-use hours of the same billing period.

For large customers with generating facilities who request back-up service to loads of 500 kW or less, the load will be served under the applicable non-demand or demand-metered general service rate schedule. For such customers receiving back-up service under a demand-metered rate schedule, the Customer Charge is reduced to \$8.63 per meter per month and the customer is not charged the Facilities Related Component of the Demand Charge. When back-up service is provided under a non-demand metered rate schedule, the Customer Charge is reduced to \$0.1675 per meter per day and there are no other adjustments. In all cases, all associated equipment costs will be paid by the customer in accordance with Form 14-730 and the associated Added Facilities agreement and termination of the Added Facilities Agreement will result in discontinuance of the back-up service.

Back-up service will improve reliability for eligible customers above what the standard utility service provides. Back-up service is a new service offering, which is not to be substituted for SCE's existing standby service offering. Back-up service is not a guarantee of uninterrupted service, however, a back-up service line may be used for standby service when the main service connection is not available.

Safeguards will be put in place to prevent customers from switching to the back-up service when service is still available from the main service. As such, SCE will control the switching of the back-up service when the main service is not available. This will ensure safety and reliability of SCE's grid since the customer will not operate its main and back-up service in parallel. Additionally, SCE will design the necessary protection and automation to prevent back-up overload or backfeed.

Back-up service customers will benefit through higher reliability since back-up service enables these customers to receive service if their main service connection is unavailable. In addition, back-up service will fulfill customers' requests for additional reliability service options and increase customer satisfaction. Back-up service has no adverse effects on ratepayers or on SCE's grid. SCE will engineer the back-up service with automation and protection equipment to ensure safety and grid reliability. The customer through Added Facilities charges will pay for the back-up service facilities, so that ratepayers will not be impacted.

All new Added Facilities investment will be financed by the customer, therefore, there will be no incremental capital impact to SCE until such time as SCE can finance such capital investments. Associated with each back-up service are companion Added Facilities Agreements for all T&D facilities required to provide the back-up service.

The back-up service does not guarantee customers of uninterrupted service and it does not prevent the customer from being subject to rolling blackouts. The back-up service is offered to large generators/customers with critical loads to improve reliability of their operations in the event of an unplanned outage to their main service. In addition, in the Agreement, the customer must acknowledge and agree that the back-up service is neither essential nor exempt from curtailments.

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

This advice filing will become effective on the 40th calendar day after the date of this filing, which is June 27, 2001.

NOTICE

Anyone wishing to protest this advice filing may do so in letter which must be received by SCE no later than 20 days after the date of this advice filing. Protests should be mailed 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:

Akbar Jazayeri
Director of Revenue and Tariffs
Southern California Edison Company
2244 Walnut Grove Avenue, Rm. 303
Rosemead, California 91770
Facsimile: (626) 302-4829
E-mail: lawlerem@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. Address change requests to the attached GO 96-A Service List should be directed to Emelyn Lawler at (626) 302-3985 or Emelyn.Lawler@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.

For questions, please contact Lisa Vellanoweth at (626) 302-2021 or Lisa.Vellanoweth@sce.com.

Southern California Edison Company

Akbar Jazayeri

AJ:lv/eml
Enclosures

Cal. P.U.C. Sheet No.	Title of Sheet	Cancelling Cal. P.U.C. Sheet No.
Original 29158-E*	Schedule TOU-8-BU	
Original 29159-E*	Schedule TOU-8-BU	
Original 29160-E	Schedule TOU-8-BU	
Original 29161-E	Schedule TOU-8-BU	
Original 29162-E	Schedule TOU-8-BU	
Original 29163-E	Schedule TOU-8-BU	
Original 29164-E*	Schedule TOU-8-BU	
Original 29165-E*	Schedule TOU-8-BU	
Original 29166-E*	Schedule TOU-8-BU	
Original 29167-E*	Schedule TOU-8-BU	
Revised 29168-E	Schedule S	Original 24764-E
Original 29169-E	Back-Up Service Agreement Between Customer and Southern California Edison Company (SCE), Form 14-730	
Revised 29170-E	Table of Contents	Revised 29115-E
Revised 29171-E	Table of Contents	Revised 29028-E
Revised 29172-E	Table of Contents	Revised 29116-E
Revised 29173-E	Table of Contents	Revised 28862-E



Schedule TOU-8-BU
TIME-OF-USE - GENERAL SERVICE - LARGE
BACK-UP SERVICE

Sheet 1

APPLICABILITY

Applicable to the additional meter and service connection installed for reliability purposes (back-up service) in accordance with the Added Facilities provisions of Rule 2 to serve load which is regularly served through a separate meter and service connection under Schedule TOU-8, including Schedule TOU-8 customers concurrently served under an interruptible/curtailable rate option (main service). This Schedule is applicable when the maximum demand for the load to which back-up service is provided is, in the opinion of SCE, expected to exceed 500kW. Under this Schedule, back-up service shall be provided only when SCE's service, including standby service provided under Schedule S, is not available at the main service. Service under this Schedule does not act as a guarantee of uninterrupted service. Furthermore, back-up service shall not be used to serve the load that is curtailed/interrupted under a load curtailment program in which a participating customer agrees to curtail/interrupt its load when called upon to do so under the terms of such program or the curtailed load of a circuit during an Independent System Operator (ISO) Stage III Emergency Rotating Outage. The customer is ineligible for service under this Schedule when the main service is no longer eligible for Schedule TOU-8. Effective with the date of such ineligibility, the back-up service and service under this Schedule shall terminate (See Special Conditions). Service under this Schedule is subject to meter availability.

TERRITORY

Within the entire territory served.

RATES

The following rates are set forth for back-up service metered and delivered at secondary, primary, and subtransmission voltages.

SERVICE METERED AND DELIVERED AT VOLTAGES BELOW 2 kV

	<u>Per Meter Per Month</u>	
	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$142.16	\$142.16

Demand Charge (to be added to Customer Charge):

Time Related Component:

All kW of On-Peak Billing Demand, per kW	\$ 17.55	N/A
Plus all kW of Mid-Peak Billing Demand, per kW	\$ 2.80	\$ 0.00
Plus all kW of Off-Peak Billing Demand, per kW	\$ 0.00	\$ 0.00

For each billing period, the On-, Mid-, and Off-Peak demand charges of this Schedule shall be reduced by the corresponding On-, Mid-, and Off-Peak demand charges of the main service rate schedule, but shall not be less than zero.

Energy Charge (to be added to Demand Charge):

All On-Peak kWh, per kWh	\$0.20206	N/A
Plus all Mid-Peak kWh, per kWh	\$0.11039	\$0.12386
Plus all Off-Peak kWh, per kWh	\$0.08860	\$0.08975

The above charges used for customer billing are determined using the components shown in the Rate Components Section following the Special Conditions Section.

(Continued)

(To be inserted by utility)

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Issued by

John R. Fielder
Senior Vice President

(To be inserted by Cal. PUC)

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Schedule TOU-8-BU
TIME-OF-USE - GENERAL SERVICE - LARGE -
BACK-UP SERVICE

Sheet 2

(Continued)

RATES (Continued)

SERVICE METERED AND DELIVERED AT VOLTAGES FROM 2 KV THROUGH 50 KV

	<u>Per Meter Per Month</u>	
	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$142.30	\$142.30
Demand Charge (to be added to Customer Charge):		
Time Related Component:		
All kW of On-Peak Billing Demand, per kW	\$ 17.95	N/A
Plus all kW of Mid-Peak Billing Demand, per kW	\$ 2.70	\$ 0.00
Plus all kW of Off-Peak Billing Demand, per kW	\$ 0.00	\$ 0.00

For each billing period, the On-, Mid-, and Off-Peak demand charges of this Schedule shall be reduced by the corresponding On-, Mid-, and Off-Peak demand charges of the main service rate schedule, but shall not be less than zero.

Energy Charge (to be added to Demand Charge):

All On-Peak kWh, per kWh	\$0.19544	N/A
Plus all Mid-Peak kWh, per kWh	\$0.10897	\$0.12121
Plus all Off-Peak kWh, per kWh	\$0.08808	\$0.08924

The above charges used for customer billing are determined using the components shown in the Rate Components Section following the Special Conditions Section.

SERVICE METERED AND DELIVERED AT VOLTAGES ABOVE 50 KV

	<u>Per Meter Per Month</u>	
	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$145.44	\$145.44
Demand Charge (to be added to Customer Charge):		
Time Related Component:		
All kW of On-Peak Billing Demand, per kW	\$ 16.15	N/A
Plus all kW of Mid-Peak Billing Demand, per kW	\$ 2.45	\$ 0.00
Plus all kW of Off-Peak Billing Demand, per kW	\$ 0.00	\$ 0.00

For each billing period, the On-, Mid-, and Off-Peak demand charges of this Schedule shall be reduced by the corresponding On-, Mid-, and Off-Peak demand charges of the main service rate schedule, but shall not be less than zero.

Energy Charge (to be added to Demand Charge):

All On-Peak kWh, per kWh	\$0.18292	N/A
Plus all Mid-Peak kWh, per kWh	\$0.09963	\$0.11003
Plus all Off-Peak kWh, per kWh	\$0.08665	\$0.08782

The above charges used for customer billing are determined using the components shown in the Rate Components Section following the Special Conditions Section.

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(To be inserted by utility)

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Schedule TOU-8-BU
TIME-OF-USE - GENERAL SERVICE - LARGE -
BACK-UP SERVICE

Sheet 3

(Continued)

SPECIAL CONDITIONS

1. Time periods are defined as follows:

On-Peak:	Noon to 6:00 p.m. summer weekdays except holidays
Mid-Peak:	8:00 a.m. to Noon and 6:00 p.m. to 11:00 p.m. summer weekdays except holidays
	8:00 a.m. to 9:00 p.m. winter weekdays except holidays
Off-Peak:	All other hours.

Holidays are New Year's Day (January 1), Washington's Birthday (third Monday in February), Memorial Day (last Monday in May), Independence Day (July 4), Labor Day (first Monday in September), Veterans Day (November 11), Thanksgiving Day (fourth Thursday in November), and Christmas (December 25).

When any holiday listed above falls on Sunday, the following Monday will be recognized as an off-peak period. No change will be made for holidays falling on Saturday.

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. The winter season shall commence at 12:00 a.m. on the first Sunday in October and continue until 12:00 a.m. of the first Sunday in June of the following year.

2. Voltage. Service under this Schedule will be supplied at one standard voltage.
3. Maximum Demand. Maximum demands shall be established for the On-Peak, Mid-Peak, and Off-Peak periods. The maximum demand for each period shall be the measured maximum average kilowatt input indicated or recorded by instruments during any 15-minute metered interval, but, where applicable, not less than the diversified resistance welder load computed in accordance with the section designated Welder Service in Rule No. 2. Where the demand is intermittent or subject to violent fluctuations, a 5-minute interval may be used.
4. Billing Demand. The Billing Demand shall be the kilowatts of Maximum Demand, determined to the nearest kW. Under the conditions described in the RATES section of this Schedule, the Demand Charge shall apply and shall include the following billing component. The Time Related Component shall be for the kilowatts of Maximum Demand recorded during (or established for) the monthly billing period for each of the On-Peak, Mid-Peak, and Off-Peak time periods. When applicable, separate demand charge(s) for the On-Peak, Mid-Peak, and Off-Peak time periods shall be established for the monthly billing period. The demand charge for each time period shall be based on the Maximum Demand for that time period occurring during the respective monthly billing period.

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Schedule TOU-8-BU
TIME-OF-USE - GENERAL SERVICE - LARGE -
BACK-UP SERVICE

Sheet 4

(Continued)

SPECIAL CONDITIONS (Continued)

5. Power Factor Adjustment

a. Adjustment Rate

- (1) For service delivered and metered at voltages greater than 50 kV, including Cogeneration and Small Power Production Customers, the billing will be increased by \$0.18 per kilovar of maximum reactive demand imposed on SCE.
- (2) For service delivered and metered at voltages of 50 kV or less, including Cogeneration and Small Power Production Customers, the billing will be increased by \$0.23 per kilovar of maximum reactive demand imposed on SCE.

b. Determining the Reactive Demand

The maximum reactive demand shall be the highest measured maximum average kilovar demand indicated or recorded by metering during any 15-minute metered interval in the month. The kilovars shall be determined to the nearest unit. A device will be installed on each kilovar meter to prevent reverse operation of the meter.

c. For each billing period, the Power Factor Adjustment billing of this Schedule shall be reduced by the Power Factor Adjustment billing amount of the main service rate schedule, but shall not be less than zero.

6. Temporary Discontinuance of Service. Where the use of energy is seasonal or intermittent, no adjustments will be made for a temporary discontinuance of service. Any customer prior to resuming service within twelve months after such service was discontinued will be required to pay all charges which would have been billed if service had not been discontinued.

7. Parallel Connections. No parallel connection of the main and back-up services shall be permitted. SCE shall control the transfer of the customer's load from the main service to the back-up service.

8. Contracts. A contract is required for service under this Schedule. In addition to the back-up service contract, the customer shall have executed an added facilities contract for the back-up service facilities.

9. Removal From Schedule. Except for customers served under Schedule I-6, customers receiving service under this Schedule who become ineligible for service under Schedule TOU-8 for the main service are, effective with the date of such ineligibility, no longer eligible for service under this Schedule, and may be subject to the termination provision of the added facilities contract for the back-up service facilities. Should the customer elect to terminate its added facilities contract for the back-up service facilities, service under this Schedule shall expire concurrent with the effective date of such termination.

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Schedule TOU-8-BU
TIME-OF-USE - GENERAL SERVICE - LARGE
BACK-UP SERVICE

Sheet 5

(Continued)

SPECIAL CONDITIONS (Continued)

- 10. **Compensated Metering.** This provision is applicable to service metered and delivered at voltages above 50 kV. Where customer/applicant requests and SCE agrees, SCE may install a transformer loss compensating device (Compensated Metering) acceptable to SCE in order to provide high voltage (over 50 kV) metered service. Where provided, this service will be considered as metered and delivered on SCE's side of the serving transformer. SCE shall rely on transformer loss data provided by the transformer manufacturer or transformer loss tests performed by SCE to calibrate the compensating device. Service under this provision is contingent upon customer/applicant's entering into an agreement which requires payment for the serving transformer and related substation equipment in accordance with Rule 2., Section H, Added Facilities, except where such transformer equipment is owned, operated, and maintained by the customer/applicant. Where the transformer equipment is owned, operated, and maintained by the customer/applicant, the customer/applicant is required to pay for the Compensated Metering and related equipment in accordance with Rule 2.H, Added Facilities, and shall also agree to provide SCE unrestricted access to the serving transformer, metering, and compensating equipment.
- 11. **Voltage Discount.** For customers receiving service at 220 kV, the customer's total monthly bill for charges under this Schedule, excluding the PUC Reimbursement Fee and CARE Surcharge as set forth in Preliminary Statement, Part O, Section 5, shall be reduced by 12.4 percent.
- 12. **Billing.** A Customer's bill is first calculated according to the total rates and conditions above. The following adjustments are made depending on the option applicable to the customer.
 - a. **Bundled Service Customers** receive supply and delivery services solely from SCE. The Customer's bill is based on the total rates set forth above. The Power Exchange (supply) component is equal to the Averaged Power Exchange (PX) Energy Charge as set forth in Schedule PX.
 - b. **Direct Access Customers** purchase energy from an Energy Service Provider and continue receiving delivery services from SCE. The Averaged PX Energy Charge is determined as specified for a Bundled Service Customer. The customer's bill will be calculated as for a Bundled Service Customer, but the Customer will receive a credit for the Averaged PX Energy Charge.
 - c. **Hourly PX Pricing Option Customers** receive supply and delivery services solely from SCE. A Customer taking Hourly PX Pricing Option service must have an interval meter installed at its premises to record hourly usage, since PX Energy Costs change hourly. If such metering is not currently installed, it shall be installed at the customer's expense before Hourly PX Pricing can be provided. SCE's charges for such metering are determined as set forth in Rule 2. The bill for a Hourly PX Pricing Option Customer is determined by calculating the bill as if it were for a Bundled Service Customer, then crediting the bill by the amount of the Averaged PX Energy Charge, as determined for Bundled Service and Direct Access Customers, then adding the hourly PX Energy Cost amount which is determined by multiplying the hourly energy used in the billing period by the hourly PX Energy Cost determined as set forth in Section 1 of Schedule PX, and the appropriate hourly Line Loss Adjustment Factors as set forth in Section 3 of Schedule PX, and the Uncollectibles expense factor of 1.00313.

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Schedule TOU-8-BU
TIME-OF-USE - GENERAL SERVICE - LARGE
BACK-UP SERVICE

Sheet 6

(Continued)

SPECIAL CONDITIONS (Continued)

- 13. Generation Charge. The generation charge is calculated based on the total rate less the sum of: Distribution, Transmission, Public Purpose Programs, Nuclear Decommissioning, and Fixed Transition Amount (where applicable) charges, the Transmission Revenue Balancing Account Adjustment (TRBAA), and the Public Utilities Commission Reimbursement Fee. The Competition Transition Charge (CTC) is calculated residually by subtracting the Averaged PX Energy Charge calculated as set forth in Schedule PX from the generation charge (See Rate Components Table).
- 14. Negotiating of CTC Payment Method. Nothing in this Schedule prohibits a marketer or broker from negotiating with customers the method by which their customer will pay the CTC.
- 15. Back-Up Service Not A Guarantee Of Uninterrupted Electric Service. Back-up service under this Schedule does not prevent a customer from being subject to rotating outages. In the event the customer is designated by the California Public Utilities Commission's decisions or staff as exempted essential use, the back-up service shall not be deemed as essential nor exempt from rotating outages.

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Schedule TOU-8-BU
TIME-OF-USE - GENERAL SERVICE - LARGE -
BACK-UP SERVICE

Sheet 7

(Continued)

RATE COMPONENTS

Rate Components Table

Rate Schedule Summary	Trans ¹	Distrbtn ²	Gen ^{3,4}	NDC ⁵	PPPC ⁶	TRBAA ⁷	PUCRF ⁸	Total
<u>Below 2 kV</u>								
Energy Charge - \$/kWh								
Summer Season								
On-Peak	0.00000	0.00081	0.19964	0.00045	0.00260	(0.00156)	0.00012	0.20206
Mid-peak	0.00000	0.00081	0.10797	0.00045	0.00260	(0.00156)	0.00012	0.11039
Off-Peak	0.00000	0.00081	0.08618	0.00045	0.00260	(0.00156)	0.00012	0.08860
Winter Season								
On-Peak	NA	NA	NA	N/A	N/A	N/A	N/A	N/A
Mid-peak	0.00000	0.00081	0.12144	0.00045	0.00260	(0.00156)	0.00012	0.12386
Off-Peak	0.00000	0.00081	0.08733	0.00045	0.00260	(0.00156)	0.00012	0.08975
Customer Charge - \$/month	0.00	142.16	0.00					142.16
Time Related								
Demand Charge - \$/kW								
Summer								
On-Peak	2.36	6.28	8.91					17.55
Mid-Peak	0.20	0.54	2.06					2.80
Off-Peak	0.00	0.00	0.00					0.00
Winter								
On-Peak	N/A	N/A	N/A					N/A
Mid-Peak	0.00	0.00	0.00					0.00
Off-Peak	0.00	0.00	0.00					0.00
Dept. Of Water Resources (DWR)								
Procurement Charge-\$/kWh			0.12057					0.12057

¹ Trans = Transmission

² Distrbtn = Distribution

³ Gen = Generation

⁴ Competition Transition Charge (CTC) = Total Generation charge minus Averaged Procured Energy (PE) Charge as set forth in Schedule PE.

⁵ NDC = Nuclear Decommissioning Charge

⁶ PPPC = Public Purpose Programs Charge (includes California Alternate Rates for Energy Surcharge where applicable.)

⁷ TRBAA = Transmission Revenue Balancing Account Adjustment (FERC approved).

⁸ PUCRF = The PUC Reimbursement Fee is described in Schedule RF-E.

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Schedule TOU-8-BU
TIME-OF-USE - GENERAL SERVICE - LARGE
BACK-UP SERVICE

Sheet 8

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RATE COMPONENTS (Cont'd)

Rate Components Table

Rate Schedule Summary	Trans ¹	Distrbtn ²	Gen ^{3,4}	NDC ⁵	PPPC ⁶	TRBAA ⁷	PUCRF ⁸	Total
<u>From 2 kV to 50 kV</u>								
Energy Charge - \$/kWh								
Summer Season								
On-Peak	0.00000	0.00070	0.19338	0.00040	0.00240	(0.00156)	0.00012	0.19544
Mid-peak	0.00000	0.00070	0.10691	0.00040	0.00240	(0.00156)	0.00012	0.10897
Off-Peak	0.00000	0.00070	0.08602	0.00040	0.00240	(0.00156)	0.00012	0.08808
Winter Season								
On-Peak	NA	NA	NA	N/A	N/A	N/A	N/A	N/A
Mid-peak	0.00000	0.00070	0.11915	0.00040	0.00240	(0.00156)	0.00012	0.12121
Off-Peak	0.00000	0.00070	0.08718	0.00040	0.00240	(0.00156)	0.00012	0.08924
Customer Charge - \$/month	0.00	142.30	0.00					142.30
Time Related								
Demand Charge - \$/kW								
Summer								
On-Peak	2.46	6.55	8.94					17.95
Mid-Peak	0.21	0.56	1.93					2.70
Off-Peak	0.00	0.00	0.00					0.00
Winter								
On-Peak	N/A	N/A	N/A					N/A
Mid-Peak	0.00	0.00	0.00					0.00
Off-Peak	0.00	0.00	0.00					0.00
Dept. Of Water Resources (DWR)								
Procurement Charge-\$/kWh			0.11382					0.11382

¹ Trans = Transmission

² Distrbtn = Distribution

³ Gen = Generation

⁴ Competition Transition Charge (CTC) = Total Generation charge minus Averaged Procured Energy Exchange (PE) Charge as set forth in Schedule PE.

⁵ NDC = Nuclear Decommissioning Charge

⁶ PPPC = Public Purpose Programs Charge (includes California Alternate Rates for Energy Surcharge where applicable.)

⁷ TRBAA = Transmission Revenue Balancing Account Adjustment (FERC approved).

⁸ PUCRF = The PUC Reimbursement Fee is described in Schedule RF-E.

(Continued)

(To be inserted by utility)

Advice 1543-E
Decision _____

8H23

Issued by
John R. Fielder
Senior Vice President

(To be inserted by Cal. PUC)

Date Filed May 18, 2001
Effective Jun 27, 2001
Resolution _____



Schedule TOU-8-BU
TIME-OF-USE - GENERAL SERVICE - LARGE -
BACK-UP SERVICE

Sheet 9

(Continued)

RATE COMPONENTS (Cont'd)

Rate Components Table

Rate Schedule Summary	Trans ¹	Distrbtn ²	Gen ^{3,4}	NDC ⁵	PPPC ⁶	TRBAA ⁷	PUCRF ⁸	Total
<u>Above 50 kV</u>								
Energy Charge - \$/kWh								
Summer Season								
On-Peak	0.00000	0.00022	0.18213	0.00024	0.00177	(0.00156)	0.00012	0.18292
Mid-peak	0.00000	0.00022	0.09884	0.00024	0.00177	(0.00156)	0.00012	0.09963
Off-Peak	0.00000	0.00022	0.08586	0.00024	0.00177	(0.00156)	0.00012	0.08665
Winter Season								
On-Peak	NA	NA	NA	N/A	N/A	N/A	N/A	N/A
Mid-peak	0.00000	0.00022	0.10924	0.00024	0.00181	(0.00156)	0.00012	0.11003
Off-Peak	0.00000	0.00022	0.08703	0.00024	0.00181	(0.00156)	0.00012	0.08782
Customer Charge - \$/month	0.00	145.44	0.00					145.44
Time Related								
Demand Charge - \$/kW								
Summer								
On-Peak	2.89	4.83	8.43					16.15
Mid-Peak	0.24	0.42	1.79					2.45
Off-Peak	0.00	0.00	0.00					0.00
Winter								
On-Peak	N/A	N/A	N/A					N/A
Mid-Peak	0.00	0.00	0.00					0.00
Off-Peak	0.00	0.00	0.00					0.00
Dept. Of Water Resources (DWR)								
Procurement Charge-\$/kWh			0.09421					0.09421

¹ Trans = Transmission

² Distrbtn = Distribution

³ Gen = Generation

⁴ Competition Transition Charge (CTC) = Total Generation charge minus Averaged Procured Energy (PE) Charge as set forth in Schedule PE.

⁵ NDC = Nuclear Decommissioning Charge

⁶ PPPC = Public Purpose Programs Charge (includes California Alternate Rates for Energy Surcharge where applicable.)

⁷ TRBAA = Transmission Revenue Balancing Account Adjustment (FERC approved).

⁸ PUCRF = The PUC Reimbursement Fee is described in Schedule RF-E.

(Continued)

(To be inserted by utility)

Advice 1543-E
Decision _____

9H24

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John R. Fielder
Senior Vice President

(To be inserted by Cal. PUC)

Date Filed May 18, 2001
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Resolution _____



Southern California Edison
Rosemead, California

Original
Cancelling

Cal. PUC Sheet No. 29167-E*
Cal. PUC Sheet No.

Schedule TOU-8-BU
TIME-OF-USE - GENERAL SERVICE - LARGE -
BACK-UP SERVICE

Sheet 10

(Continued)

RATE COMPONENTS (Cont'd)

Rate Components Table

Rate Schedule Summary	Trans ¹	Distrbtn ²	Gen ^{3,4}	NDC ⁵	PPPC ⁶	TRBAA ⁷	PUCRF ⁸	Total
-----------------------	--------------------	-----------------------	--------------------	------------------	-------------------	--------------------	--------------------	-------

Other Charges

Power Factor Adjustment - \$/kVA

Greater than 50 kV	0.00	0.18	0.00					0.18
50 kV or less	0.00	0.23	0.00					0.23
Voltage Discount, 220 kV - %		100.00						100.00*

*The "total" shown above represents 100% of the discount percentage as set forth in the specific rate schedule.

¹ Trans = Transmission

² Distrbtn = Distribution

³ Gen = Generation

⁴ Competition Transition Charge (CTC) = Total Generation charge minus Averaged Procured Energy (PE) Charge as set forth in Schedule PE.

⁵ NDC = Nuclear Decommissioning Charge

⁶ PPPC = Public Purpose Programs Charge (includes California Alternate Rates for Energy Surcharge and Discount where applicable.)

⁷ TRBAA = Transmission Revenue Balancing Account Adjustment

⁸ PUCRF = The PUC Reimbursement Fee is described in Schedule RF-E.

(To be inserted by utility)

Advice 1543-E
Decision _____

10H21

Issued by
John R. Fielder
Senior Vice President

(To be inserted by Cal. PUC)

Date Filed May 18, 2001
Effective Jun 27, 2001
Resolution _____



Schedule S
STANDBY

Sheet 4

(Continued)

SPECIAL CONDITIONS (Continued)

- 9. Separate Service Connections and Meters For Generating Facilities. Under this Special Condition, SCE may at its option, provide generating facilities with an additional service connection and meter for reliability purposes (back-up service) separate from the existing service connection and meter (main service). Back-up service shall be provided to customers served under Schedule TOU-8 at the main service and only when SCE's service, including standby service provided under this Schedule, is not available at the main service. Service under this Special Condition does not act as a guarantee of uninterrupted service. Furthermore, back-up service shall not be used to serve the load that is curtailed/interrupted under another load curtailment program in which a participating customer agrees to curtail/interrupt its load when called upon to do so under the terms of such program, or the curtailed load of a circuit during an Independent System Operator (ISO) Stage III Emergency Rotating Outage. Service under this Special Condition is subject to meter availability.
 - a. Contract. A contract is required for service under this Special Condition. In addition to the back-up service contract, the customer shall have executed an added facilities contract for the back-up service facilities.
 - b. Parallel Connections. No parallel connection of the main service and the back-up service shall be permitted. SCE shall control the transfer of the customer's load from the main service to the back-up service.
 - c. Removal from Special Condition. The customer is ineligible for service under this Special Condition when the customer discontinues or becomes ineligible for service under Schedule TOU-8 at the main service. Effective with the date of such ineligibility, the back-up service contract and service under this Special Condition and the added facilities contract shall terminate. The customer may be subject to the termination provision of the added facilities contract for the back-up service facilities. In addition, if at any time while receiving service under this Special Condition the customer elects to terminate its added facilities contract for the back-up service facilities, service under this Special Condition shall expire concurrent with the effective date of such termination.
 - d. Rate Schedules for Back-Up Service. Back-up service shall be provided under the applicable general service rate schedule for the load receiving such back-up service, except that when the back-up service maximum demand is, in the opinion of SCE, expected to exceed 500 kW, service shall be provided under Schedule TOU-8-BU. For customers with a maximum demand of 500 kW or less served under a demand metered general service rate schedule, for each billing period the Customer Charge shall be \$8.63 per meter per month and the customer shall not be charged the Facilities Related Component of the Demand Charge. When back-up service is provided under a non-demand metered general service rate schedule the Customer Charge shall be \$0.1675 per meter per day.
 - e. Back-Up Service Not A Guarantee Of Uninterrupted Electric Service. Back-up service under this Special Condition does not prevent a generating facility from being subject to rotating outages. In the event the generating facility is designated by the California Public Utilities Commission's decisions or staff as exempted essential use, the back-up service shall not be deemed as essential nor exempt from rotating outages.

(Continued)

(To be inserted by utility)
Advice 1543-E
Decision _____

Issued by
John R. Fielder
Senior Vice President

(To be inserted by Cal. PUC)
Date Filed May 18, 2001
Effective Jun 27, 2001
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Southern California Edison
Rosemead, California (U 338-E)

Original
Cancelling

Cal. PUC Sheet No. 29169-E
Cal. PUC Sheet No.

BACK-UP SERVICE AGREEMENT
BETWEEN CUSTOMER AND
SOUTHERN CALIFORNIA EDISON COMPANY (SCE)
Form 14-730

(To be inserted by utility)
Advice 1543-E
Decision _____

Issued by
John R. Fielder
Senior Vice President

(To be inserted by Cal. PUC)
Date Filed May 18, 2001
Effective Jun 27, 2001
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(To be inserted by utility)
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Effective Jun 27, 2001
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(To be inserted by utility)

Advice 1543-E
Decision _____

Issued by
John R. Fielder
Senior Vice President

(To be inserted by Cal. PUC)

Date Filed May 18, 2001
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(To be inserted by utility)

Advice 1543-E
Decision _____

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Senior Vice President

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Date Filed May 18, 2001
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(Continued)

(To be inserted by utility)

Advice 1543-E
Decision _____

Issued by

John R. Fielder
Senior Vice President

(To be inserted by Cal. PUC)

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**BACK-UP SERVICE AGREEMENT
BETWEEN CUSTOMER AND
SOUTHERN CALIFORNIA EDISON COMPANY (SCE)**

1. PARTIES

This Back-up Service Agreement (“Agreement”) is between Customer and SCE (“the Parties”) and shall establish the terms and conditions for Customer electing to receive Back-Up Service under Schedule TOU-8-BU, Time-Of-Use-General Service-Large-Back-Up Service or under the Separate Service Connections and Meters for Generating Facilities Special Condition of Schedule S, Standby, and the Customer’s “Otherwise Applicable Rate Schedule.”

This is a filed form tariff agreement authorized by the California Public Utilities Commission (“Commission”). No officer, inspector, solicitor, agent, or employee of SCE has any authority to waive, alter, or amend any part of the Agreement except as provided herein or as authorized by the Commission. This Agreement supplements the terms and conditions of Customer’s electric service provided under Customer’s otherwise applicable rate schedule and under SCE’s Commission-approved tariffs.

SCE hereby agrees to provide Back-Up Service to _____
_____ (“Customer”)

located at _____

for _____kW (Back-Up Service demand), under Schedule TOU-8-BU or the Separate Service Connections and Meters for Generating Facilities Special Condition of Schedule S, as these schedules now exist or may hereafter be amended or superseded, a copy of the applicable schedule(s) which is attached hereto and by this reference incorporated herein.

2. RECITALS

- 2.1 Customer is receiving service from SCE under the provisions of SCE’s tariffs.
- 2.2 Parties desire to agree on terms and conditions, which will provide for Customer to receive Back-Up Service from SCE.
- 2.3 This Agreement is made with reference to Rule 2, Section H, entitled Added Facilities.

3. DEFINITIONS

- 3.1 Back-Up Service: An additional metered service connection to the main service connection installed for reliability purposes in accordance with the Added Facilities provisions of Section H of Rule 2.
- 3.2 Added Facilities: Equipment or facilities that are in addition to, or in substitution for, standard facilities that SCE would normally install in order to provide electric service to the Customer.

4. AGREEMENT

SCE and Customer agree to the following terms and conditions:

- 4.1 For the term of the Agreement, Customer shall receive service in accordance with Schedule TOU-8-BU or the Separate Service Connections and Meters for Generating Facilities Special Condition of Schedule S, Section H of Rule 2 and its associated agreement, and Customer's otherwise applicable rate schedule filed with the Commission, as such schedules now exist or may hereafter be amended or superseded.
 - 4.2. The electric facilities installed and the percentage of corresponding substation and line capacity reserved to provide Back-Up Service are Added Facilities and paid for by the Customer in accordance with the provisions Section H of Rule 2 and its associated agreement.
 - 4.3 Customer shall sign an Added Facilities agreement prior to or coincident with signing this Agreement.
 - 4.4 If the actual Back-Up Service demand exceeds the above contracted demand amount at any time during a monthly billing period when Back-Up Service is used, Customer shall pay an increased Added Facilities charge for that month based on the incremental increase in reserved substation and line capacity. Should Customer exceed the contracted demand, SCE shall consider it a permanent operational change and shall permanently increase the reserved substation and line capacity.
 - 4.5 Customer may request SCE to revise the Back-Up Service demand with advance written notice to SCE. Such change shall be made only after SCE's approval and is subject to the terms and conditions of Section H of Rule 2 and the Added Facilities agreement.
 - 4.6 [SCE] or [Customer] shall install adequate controls to ensure that overload does not occur on the Back-Up Service.
 - 4.7 Automated switching capabilities for Back-Up Service shall be controlled by SCE.
 - 4.8 Termination of the Added Facilities agreement or if Customer becomes ineligible for Schedule TOU-8 or the Separate Service Connections and Meters for Generating Facilities Special Condition of Schedule S shall result in the concurrent termination of this Agreement.
5. **TERM:** This Agreement shall be effective on the later of the date (i) set forth beneath SCE's signature on the signature page of this Agreement, and (ii) the date Customer has signed the Added Facilities agreement for the electric facilities and reserve substation and line capacity necessary to provide Back-Up Service. This Agreement shall remain effective until terminated by either party after 30 days written notice to the other party or until either party terminates the Added Facilities Agreement, in accordance with the terms of that agreement.
6. **INDEMNITY:** Customer shall defend at its own cost and indemnify and hold harmless SCE, its officers, agents, employees, assigns and successors in interest from and against any and all liability (including liability based upon SCE's own negligence or strict liability without fault), damages, costs, losses, claims, demands, actions, causes of action, attorney's fees and expenses, or any of them, resulting from the death or injury to any person or damage to any property, including the property and/or personnel of SCE, arising out of the subject matter of this agreement.

July 31, 2001

California Public Utilities Commission
505 Van Ness Avenue, Room 4005
San Francisco, CA 94102

Attn: Jerry Royer
Energy Division

Re: Substitute Sheets for Advice Letter 1543-E

Dear Mr. Royer:

Enclosed is an original and six copies of Attachment A and substitute Sheet Nos. 29158-E*, 29159-E* and 29164-E* through 29167-E*¹ for Advice Letter 1543-E. These substitute sheets are necessary to reflect revised rate components within the Energy Charge of Schedule TOU-8-BU in compliance with Ordering Paragraphs 1 and 2 of Decision 01-05-064 and consistent with the intent of Advice 1545-E.² Also included are text revisions on Sheet Nos. 29164-E* through 29167-E* necessary due to the implementation of other Advice Letters affecting these same sheets subsequent to Advice Letter 1543-E.

The Energy Charge's rate components and total rates have been revised for all service voltage levels and the needed text revisions are included; however, these changes are not identified (i.e., symbolized) because Schedule TOU-8-BU is an original schedule and as such, is being established in Advice 1543-E and symbols would not apply.

Please replace the enclosed sheets in your master Advice Letter 1543-E file and distribute copies to the appropriate people reviewing the filing. If you have any questions, please contact René Vazquez at (626) 302-2077.

Sincerely,

Enclosures
1543-Esub.doc

¹ Asterisk denotes a substituted sheet.

² Advice 1545-E included incremental revenue requirements, revenue allocation, and rate design principles consistent with Decision 01-05-064 and Application 00-11-038.