

PUBLIC UTILITIES COMMISSION

SAN FRANCISCO, CA 94102-3298



May 20, 2003

Advice Letter 1669-E

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

MAY 27 2003
REVENUE & TARIFFS DEPT.

Reference: Revision to Schedule NEM, Net Energy Metering, Pursuant to Resolution E-3764

Dear Mr. Jazayeri:

Advice Letter 1669-E is effective December 6, 2002. A copy of the advice letter is returned herewith for your records.

Sincerely,

A handwritten signature in cursive script that reads "Paul Clavin".

Director
Energy Division

Filed: 12/6/02
Effective: 12/6/02

December 6, 2002

ADVICE 1669-E
(U 338-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA
ENERGY DIVISION

SUBJECT: Revision to Schedule NEM, Net Energy Metering, Pursuant
to Resolution E-3764

In compliance with Resolution E-3764, 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 revises SCE's Schedule NEM, Net Energy Metering, in accordance with Resolution E-3764.

BACKGROUND

On May 21, 2001, SCE filed Advice 1544-E to revise its Net Energy Metering Schedule (Schedule NEM) in order to implement changes required by Assembly Bill (AB) X1 29.

The California Public Utilities Commission (Commission), on February 7, 2002, issued Resolution E-3764 to approve, with modifications, SCE's Advice 1544-E. Consistent with Resolution E-3764, SCE further modified Schedule NEM by removing language that could have been confusing to eligible customer-generators taking Direct Access service who requested to participate in net energy metering.

In supplemental Advice 1544-E-A the following language was removed from SCE's Schedule NEM applicability section:

"This schedule is not applicable to Direct Access Customers where the customer's energy supplier does not provide distribution services."

The above text was deleted in response to the Commission adopting, in part, ORA's protest to Advice 1544-E, wherein ORA's proposed clarifying language was intended to ensure that all eligible customer-generators were provided net energy metering by their electric supplier.¹

ORA's proposed language adopted by the Commission in Resolution E-3764 will add clarification, as well as better definition of the obligations of SCE and the eligible Direct Access customer-generator's Energy Service Provider when such a customer requests net energy metering.

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 Resolution E-3764, Ordering Paragraph 1, this advice filing is effective April 11, 2001.²

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:

IMC Program Manager
c/o Jerry Royer
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 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:

¹ ORA protest to Advice 1544-E, page 3, paragraph 4.

² Resolution E-3764, Ordering Paragraph 1, approves Advice 1544-E as modified in this filing with an effective date of April 11, 2001.

Akbar Jazayeri
Director of Revenue and Tariffs
c/o Emelyn Lawler
Southern California Edison Company
2244 Walnut Grove Avenue, Rm. 303
Rosemead, California 91770
Facsimile: (626) 302-4829
E-mail: Emelyn.Lawler@SCE.com

Bruce Foster
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

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 R.99-10-025. 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. Changes to the R.99-10-025 Service List, please contact the Commission's Process Office at (415) 703-2021 or at ven@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.

For questions, please contact George Coutts at (626) 302-6568 or by electronic mail at George.Coutts@sce.com.

Southern California Edison Company

Akbar Jazayeri

AJ:gc
Enclosures

Cal. P.U.C. Sheet No.	Title of Sheet	Cancelling Cal. P.U.C. Sheet No.
Revised 32532-E Revised 32533-E	Schedule ESP-DSF Schedule ESP-DSF	Revised 31851-E Revised 26221-E
Revised 32534-E Revised 32535-E	Schedule NEM Schedule NEM	Revised 31042-E* Revised 29184-E
Revised 32536-E Revised 32537-E	Table of Contents Table of Contents	Revised 32301-E Revised 32307-E



Schedule ESP-DSF
ENERGY SERVICE PROVIDER -
DISCRETIONARY SERVICE FEES

Sheet 4

(Continued)

RATES (Continued)

4. ADDITIONAL METERING RELATED SERVICES (Continued)

b. Other Metering Services

Other Metering Services include services provided by SCE that are in addition to and/or associated with the services described in this Schedule and/or in the Interval Metering and Metering Facilities Agreement (Form 14-655), such as but not limited to services provided by SCE to ESPs who offer net energy metering. Such services shall be charged on a time and materials basis.^{1/} (T)

The charges will be calculated based on SCE's total costs to provide Other Metering Services. The total charge will be determined by multiplying the personnel classification hourly rate for each job by the number of hours worked plus material costs which include a procurement charge of 13.7 percent and sales tax, plus the following charges, when applicable.

- (1) Investigation and Scheduling Charge. This charge applies unless the Other Metering Services are performed in conjunction with the installation of an interval meter, in accordance with Section 2.a. of this Schedule.

Investigation and Scheduling Charge: Per Installation \$ 26.00

- (2) Material Handling Charge. This charge applies when the Other Metering Services performed results in a removed meter.

Material Handling Charge: Per Removed Meter \$ 23.00

c. SCE Energy ManagerSM

- (1) SCE Cost ManagerSM Service^{2/}

Monthly Cost Manager Service Charge: Per Meter \$ 19.50
Daily Cost Manager Service Charge: Per Month \$ 49.50
Hourly Cost Manager Service Charge: \$150.00
Quarter-Hourly (15-Minute) Cost Manager Service Charge: \$275.00

- (2) SCE Bill ManagerSM Service^{3/}

SCE Bill ManagerSM Service has a two part flat rate as follows:

- (a) A one-time set up fee per service account of \$10.00; and
- (b) A monthly service fee per service account of \$6.00.

^{1/} The hourly personnel rates for such services are available upon request.
^{2/} See Special Condition 5.a in this Schedule for a description of SCE Cost ManagerSM Service.
^{3/} See Special Condition 5.b in this Schedule for a description of SCE Bill ManagerSM Service.

(Continued)

(To be inserted by utility)
Advice 1669-E
Decision _____

Issued by
John R. Fielder
Senior Vice President

(To be inserted by Cal. PUC)
Date Filed Dec 6, 2002
Effective Dec 6, 2002
Resolution E-3764



Schedule ESP-DSF
ENERGY SERVICE PROVIDER -
DISCRETIONARY SERVICE FEES

Sheet 7

(Continued)

RATES (Continued)

5. BILLING SERVICES (Continued)

b. Consolidated ESP Billing

Separate Mailing of Mandated Legal and Safety Notices

When the ESP requests, SCE will provide a separate mailing of mandated legal and safety notices and the following charges shall apply.

Per Customer
Per Mailing

Mailing Charge: \$0.33

c. Other Billing Services

Other Billing Services include services provided by SCE that are in addition to and/or associated with the services described in this Schedule, such as but not limited to services provided by SCE to ESPs who offer net energy metering. Such services shall be charged on a time and materials basis.^{1/} (T)
(T)

The charges will be calculated based on SCE's total costs to provide Other Billing Services. The total charge will be determined by multiplying the personnel classification hourly rate for each job by the number of hours worked, plus material costs which include a procurement charge of 13.7 percent and sales tax.

SPECIAL CONDITIONS

- 1. Meter Services are as defined in Rule 22, Section G.
- 2. Billing services are as defined in Rule 22, Section K.

^{1/} The hourly personnel rates for such services are available upon request.

(Continued)

(To be inserted by utility)
Advice 1669-E
Decision _____

Issued by
John R. Fielder
Senior Vice President

(To be inserted by Cal. PUC)
Date Filed Dec 6, 2002
Effective Dec 6, 2002
Resolution E-3764



Schedule NEM
NET ENERGY METERING

Sheet 1

APPLICABILITY

Applicable to Eligible Customer-Generators as defined herein below pursuant to Public Utilities Code Section 2827, with a generating capacity up to 1,000 kW. Customers eligible for service under this schedule are exempt from (1) any new or additional charges not included in their Otherwise Applicable Tariff (OAT), and (2) taking service under Schedule S. Pursuant to Public Utilities Code Sections 2827.5 and 2827.7, this Schedule will be closed on January 1, 2003 to all Commercial, Industrial and Agricultural customers, and all Residential and Small Commercial customers with a generating capacity greater than 10 kW, not already served under this Schedule.

If an eligible customer-generator participates in Direct Access (DA) with an Energy Service Provider (ESP) that does not provide distribution service for the direct transactions, the ESP, and not SCE, is obligated to provide net energy metering to the customer. Additionally, an eligible DA customer-generator's ESP is responsible for the incremental costs of metering and billing services related to net energy metering, pursuant to Special Condition 2.c of this Schedule. (N)

TERRITORY

Within the entire territory served.

RATES

Charges for Net Energy supplied and/or delivered to the customer shall be billed in accordance with the customer's OAT. Any net generation will be calculated in the same manner as Net Energy supplied, but rather than show as a charge, will appear as a credit on the customer-generator's account. For Residential and Small Commercial Customers (as defined in SCE's Rule 1), the net balance of moneys owed to SCE for net consumption of electricity or credits owed to the customer-generator for net generation of electricity shall be carried forward until the end of the Relevant Period. For all other customer-generators, the net balance of moneys owed shall be billed and payable each monthly billing cycle, except if such customer-generator is a net electricity producer over a billing cycle, any excess kilowatthours generated during the billing cycle shall be carried over to the following billing period, valued in accordance with the customer-generator's OAT and appear as a credit on the customer-generator's account. When an eligible DA customer-generator is a net producer in any discrete period SCE shall provide transmission and distribution credits only. It is the responsibility of the DA customer-generator's ESP to provide generation credits. At the end of the Relevant Period Special Condition 3.b shall apply to any remaining kilowatthours/credits for all customers on this Schedule. Monthly Customer Charges, Minimum Charges, Demand Charges, and/or other non-energy related charges, excluding any adjustments due to power factor provisions or rebates offered under the State of California's 20/20 Program, as defined on the customer's OAT shall apply, when applicable, regardless of the customer's monthly net generation. (T)

(Continued)

(To be inserted by utility)
Advice 1669-E
Decision _____

Issued by
John R. Fielder
Senior Vice President

(To be inserted by Cal. PUC)
Date Filed Dec 6, 2002
Effective Dec 6, 2002
Resolution E-3764

Schedule NEM
NET ENERGY METERING

Sheet 2

(Continued)

SPECIAL CONDITIONS

1. Required Contract: A Net Energy Metering and Interconnection Agreement is required for service under this schedule.
2. Metering:
 - a. Net Energy shall be measured (metered) using a single meter capable of registering the flow of electricity in two directions. If the customer's existing meter is not capable of measuring the flow of electricity in two directions, an appropriate meter shall be provided at the expense of the customer. SCE may elect to install an additional meter or meters, at SCE's expense, with the customer's consent. Such additional metering shall be used only to provide the information necessary to accurately bill or credit the customer.
 - b. If SCE determines that dual metering is required for the purposes set forth herein, and the eligible customer-generator refuses consent for installation of dual metering, SCE shall have the right to refuse interconnection.
 - c. Where SCE provides distribution services (metering and billing) for direct access customers, the ESP of the customer shall be charged the applicable charges as set forth in Schedule ESP-DSF for such services. (T)
3. Billing: At the end of each Relevant Period following the Date of Final Interconnection of the customer's generator to SCE's electric system, SCE shall determine if the customer's Net Energy, as defined below, is positive or negative, as set forth in Definition 4.c below, and shall proceed as follows:
 - a. Where Net Energy is determined to be positive, SCE shall bill the eligible customer-generator for the customer's net consumption over the Relevant Period. The bill shall be due and payable in accordance with Rule 9.
 - b. Where Net Energy is determined to be negative, SCE shall retain all excess kilowatthours generated and/or credits accrued during the Relevant Period. The eligible customer-generator shall not be owed any compensation by SCE.
 - c. SCE shall provide the customer with Net Energy consumption information or Net Energy generation information on each monthly bill. Such monthly update shall include the current accrued balance owed to SCE for positive Net Energy charges or current accrued credits for Net Energy generation, which ever applies.
 - d. For Residential and Small Commercial Customers SCE shall, upon a customer request, permit the customer to pay monthly for positive Net Energy charges. Such request must be made by the customer upon initiation of service under this Schedule or upon written notice to SCE no later than thirty (30) days prior to the end of any twelve-month period. Such change shall only be made by SCE at the beginning of a twelve-month period.

(Continued)

(To be inserted by utility)

Advice 1669-E
Decision _____

Issued by

John R. Fielder
Senior Vice President

(To be inserted by Cal. PUC)

Date Filed Dec 6, 2002
Effective Dec 6, 2002
Resolution E-3764



TABLE OF CONTENTS

Sheet 1

Cal. P.U.C.
Sheet No.

TITLE PAGE 11431-E

TABLE OF CONTENTS - RATE SCHEDULES 32536-32302-32303-32304-32305-32306-E (T)

TABLE OF CONTENTS - LIST OF CONTRACTS AND DEVIATIONS 32537-E (T)

TABLE OF CONTENTS - RULES 31622-E

TABLE OF CONTENTS - BASELINE REGIONS 31549-E

TABLE OF CONTENTS - SAMPLE FORMS 31550-31856-27787-31900-31639-31640-31684-E
..... 27618-E

PRELIMINARY STATEMENT:

A. Territory Served 22909-E

B. Description of Service 22909-E

C. Procedure to Obtain Service 22909-E

D. Establishment of Credit and Deposits 22909-E

E. General 22909-24193-24194-E

F. Symbols 24194-E

G. Gross Revenue Sharing Mechanism 26584-26585-26586-26587-26588-26589-26590-E
..... 26591-26592-26593-27050-E

H. Baseline Service 11457-31455-11880-11881-31679-E

I. Baseline Balancing Account 31457-31458-E

J. Employee-Related Balancing Account 30246-E

K. Nuclear Decommissioning Adjustment Mechanism 30247-30248-E

L. Performance-Based Ratemaking Exclusions Distribution Adjustment Mechanism
..... 30249-30250-E

M. Income Tax Component of Contributions 16039-24573-E

N. Memorandum Accounts 21344-30251-28740-31935-28276-27633-31499-31500-30253-E
..... 30254-30255-22369-28279-22371-27639-27640-22374-27641-27642-26595-27643-E
..... 27644-27645-27646-27647-27648-27649-27650-27651-27652-27653-27654-27655-E
..... 27656-31327-26596-26005-21960-22046-30256-22546-27658-23703-27465-29774-E
..... 29775-29776-29777-27663-27664-27665-30057-30058-30059-30060-26484-26485-E
..... 23212-28280-24197-29470-26486-29471-24199-29472-23221-23222-23223-24200-E
..... 26487-29473-23227-28281-28282-24244-24477-24812-22380-28283-22621-22622-E
..... 24272-27015-30257-27476-26007-26757-26996-26735-26314-27500-27424-27425-E
..... 27477-29778-28408-29789-29488-28874-29419-30032-31138-31156-31982-31665-31936-E

O. California Alternative Rates for Energy (CARE) Adjustment Clause
..... 30258-30259-30260-30261-30262-30263-E

P. Optional Pricing Adjustment Clause (OPAC) 20625-20626-24169-22165-20629-E

(Continued)

(To be inserted by utility)
Advice 1669-E
Decision _____

Issued by
John R. Fielder
Senior Vice President

(To be inserted by Cal. PUC)
Date Filed Dec 6, 2002
Effective Dec 6, 2002
Resolution E-3764



TABLE OF CONTENTS

Sheet 7

(Continued)
RATE SCHEDULES
(Continued)

<u>Schedule No.</u>	<u>Title of Sheet</u>	<u>Cal. P.U.C. Sheet No.</u>
<u>OTHER</u>		
20/20	California Rebate Program	31633-31634-E
BSC-IMO	Bundled Service Customer-Interval Meter Ownership	25699-25700-25701-E
CC-DSF	Customer Choice - Discretionary Service Fees	26202-25172-26204-26205-E 25174-26207-31849-26209-31850-25179-25180-25181-25182-E
CTCE-IWD	Competition Transition Charge Exemptions Irrigation/Water Districts	24129-24130-E
DA	Direct Access	29998-E
DAC-VA-NDSF	Direct Access Customer Value Added Non-Discretionary Service Fees	25713-E
DA-RCSC	Direct Access Revenue Cycle Services Credits.....	25153-25154-25155-25156-E 25157-25158-25159-E
DBP	Demand Bidding Program	31710-31711-31712-31713-31714-31715-E
DL-NBC	Departing Load - Nonbypassable Charges	29999-24132-E
ESP-DSF	Energy Service Provider - Discretionary Service Fees	26215-26216-26217-E 32532-26219-26220-32533-31852-26223-26224-26225-26226-26227-E
ESP-NDSF	Energy Service Provider - Non Discretionary Service Fees.....	25139-25140-E (T)
ESP-VA-NDSF	Energy Service Provider Value Added Non-Discretionary Service Fees.....	25714-E
GS-FR	Experimental General Service - Flat Rate.....	26863-26864-26865-E
GSN	Invest ^{SCE} Equipment Service	17880-17881-17882-17883-E
NEM	Net Energy Metering	32534-32535-29185-E (T)
OBMC	Optional Binding Mandatory Curtailment.....	31484-29799-29800-E
PE	Procured Energy	32299-E
PVS	Experimental Photovoltaic Service	19770-19771-E
PVS-2	On-Grid Photovoltaic Service	19518-19519-E
PX	Power Exchange	26998-26999-28351-28352-27485-27486-E
RF-E	Surcharge to Fund Public Utilities Commission Reimbursement Fee.....	11732-E
RRB	Rate Reduction Bonds - Bill Credit and FTAC	22051-22052-E
S	Standby	26534-24762-26297-24764-31831-E
SE	Service Establishment Charge	19891-E
SLRP	Scheduled Load Reduction Program	31314-29111-29802-29113-29803-E
UCLT	Utility-Controlled Load Tests	11737-E
VPRC	Voluntary Power Reduction Credit.....	26738-26739-26740-26741-26742-E
WTR	Experimental Schedule Wireless Technology Rate.....	31695-31696-29342-32300-E

LIST OF CONTRACTS AND DEVIATIONS

LIST OF CONTRACTS AND DEVIATIONS	31106-31079-19469-27091-24944-17894-17895-E
.....	17896-17897-17898-17899-18103-24345-19220-26972-E

(Continued)

(To be inserted by utility)
Advice 1669-E
Decision _____

Issued by
John R. Fielder
Senior Vice President

(To be inserted by Cal. PUC)
Date Filed Dec 6, 2002
Effective Dec 6, 2002
Resolution E-3764