

PUBLIC UTILITIES COMMISSION

SAN FRANCISCO, CA 94102-3298



December 2, 2002

Advice Letter: 1658-E

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

DEC 06 2002
REVENUE & TARIFFS DEPT.

Reference: Revision to Schedule WTR & Form 14-687

Dear Mr. Jazayeri:

Advice Letter 1658-E is effective December 10, 2002. A copy of the advice letter is included herewith for your records.

Sincerely,

Douglas Long
Energy Division

Filed: 10/31/02
Effective: 12/10/02

October 31, 2002

ADVICE 1658-E
(U 338-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA
ENERGY DIVISION

SUBJECT: Revisions to Schedule WTR and Form 14-687

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 letter revises Experimental Schedule WTR, Wireless Technology Rate, and Form 14-687, Application and Contract for Electric Service for Experimental Schedule WTR, Wireless Technology Rate.

BACKGROUND

SCE's Experimental Schedule WTR, and its associated contract, Form 14-687 initially became effective on January 24, 2000, offering wireless service providers a fixed rate, non-metered electrical service tariff for their micro-cell facilities. However, this experimental tariff was closed to new customers on March 31, 2002. In its recently approved Advice 1638-E, which became effective on August 28, 2002, SCE revised Experimental Schedule WTR to reopen the schedule to new customers. In addition, higher kWh ranges were added to the Rates section of the schedule in order to provide service to the newest generation of wireless technology devices. As explained in Advice 1638-E, due to the higher kWh ranges being served under Schedule WTR, the customer is required to pay for and install the fused splice box that controls the level of load that can be served.

Customers who are interested in taking service under the newly approved revised experimental rate schedule are ready to apply for service, but in meeting with such customers it has come to SCE's attention that some provisions of the schedule could

be modified to better meet customers' needs and increase the usefulness of the schedule. Consequently, SCE is requesting minimal changes be made to certain sections of the schedule. These changes include: 1) eliminating the 90% load factor requirement in the Applicability section and the corresponding definition of Load Factor (Special Condition 4), because although the load factor minimum of the customer's equipment (wireless communication device) is generally high enough, it will vary with the demand placed on the device by users of the service which makes it impossible to guarantee a minimum load factor will always be maintained; 2) the Fixed Energy Charge now includes numbered tiers for ease of application; and 3) Special Condition 5, Installation, now reflects that the installation of the customer's wireless communication devices is to be performed by the customer rather than SCE, which is consistent with how service is typically provided to customers.

This advice filing also revises Form 14-687, Contract for Electric Service for Experimental Schedule WTR. Form 14-687 is being revised with corresponding changes made to Schedule WTR in Advice 1638-E, as well as modifications requested in this advice filing.¹

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

This advice filing will become effective on the 40th calendar day after the date filed, which is December 10, 2002.

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:

¹ Form 14-687 was inadvertently omitted when Advice 1638-E was filed. Corresponding changes are contained herein and are consistent with the intent of Advice 1638-E.

IMC Program Manager
Energy Division
California Public Utilities Commission
c/o Jerry Royer
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:

Akbar Jazayeri
Director of Revenue and Tariffs
Southern California Edison Company
c/o Emelyn Lawler
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
Southern California Edison Company
c/o Karyn Gansecki
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. Address change requests to the attached GO 96-A Service List should be directed to Emelyn Lawler at (626) 302-3985 or by electronic mail at 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. To view other SCE advice letters filed with the Commission, log on to SCE's web site at <http://www.sce.com/> and choose Regulatory Info Center/Advice Letters.

For questions, please contact Lisa Ornelas at (626) 302-3981 or by electronic mail at Lisa.Ornelas@sce.com.

Southern California Edison Company

Akbar Jazayeri

AJ:lo
Enclosures

Cal. P.U.C. Sheet No.	Title of Sheet	Cancelling Cal. P.U.C. Sheet No.
Revised 32037-E Revised 32038-E Revised 32039-E Revised 32040-E**	Schedule WTR Schedule WTR Schedule WTR Schedule WTR	Revised 31695-E* Revised 31696-E Revised 31049-E Revised 32500-E*
Revised 32041-E	Form 14-687	Revised 27158-E
Revised 32042-E Revised 32043-E Revised 32044-E	Table of Contents Table of Contents Table of Contents	Revised 32501-E Revised 32507-E Revised 31550-E



Experimental Schedule WTR
WIRELESS TECHNOLOGY RATE

Sheet 1

APPLICABILITY

Applicable to single-phase service for wireless technology industries that require electric service to operate radio repeaters or similar devices (wireless communication devices) that are mounted on existing SCE facilities, or other facilities approved by SCE and are unmetered. Customers must execute an application/contract with SCE for service under this Schedule, and must execute an applicable agreement when devices are attached to SCE-owned facilities. The monthly kilowatt-hour (kWh) usage of each device shall not exceed 500 kWh. Effective with the date the customer becomes ineligible for service under this Schedule, the customer's account shall be transferred to Schedule GS-1 or another applicable rate schedule. This Schedule shall be limited to a maximum of 400 devices per year and 100 devices per customer per year. (T)
(T)
(D)

This Experimental Schedule shall be closed the earlier of September 1, 2004 or such date that SCE determines, upon Commission approval, that it is appropriate to begin offering such services under a permanent Schedule.

TERRITORY

Within the entire territory served.

RATES

		<u>Per Customer</u> <u>Per Month</u>	
Customer Charge		\$5.24	
Fixed Energy Charge (to be added to Customer Charge):			
		<u>Per Device</u> <u>Per Month</u>	
Tiers	Monthly Usage:		
1	0-50 kWh	\$ 8.41	(T) ----- (T)
2	51-100 kWh	\$14.28	
3	101-150 kWh	\$20.12	
4	151-200 kWh	\$25.99	
5	201-250 kWh	\$31.84	
6	251-300 kWh	\$37.71	
7	301-350 kWh	\$43.56	
8	351-400 kWh	\$49.42	
9	401-450 kWh	\$55.26	
10	451-500 kWh	\$61.13	

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

SPECIAL CONDITIONS

- Contract: A contract, Form 14-687, is required for service under this Schedule.
- Voltage: Service will be supplied at one standard voltage not in excess of 240 volts.

(Continued)

(To be inserted by utility)
Advice 1658-E
Decision _____

Issued by
John R. Fielder
Senior Vice President

(To be inserted by Cal. PUC)
Date Filed Oct 31, 2002
Effective Dec 10, 2002
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Experimental Schedule WTR
WIRELESS TECHNOLOGY RATE

Sheet 2

(Continued)

SPECIAL CONDITIONS

- 3. Three-Phase Service: Where, in the sole opinion of SCE, it is impractical to provide single-phase service under this Schedule, three-phase service will be provided. (D)
- 4. Determination of Monthly usage: The customer must provide SCE information from which SCE can determine the level of kWh usage to be consumed and/or level of service to be provided, such as the device nameplate rating etc., and the number of devices to be installed. SCE will place the customer in the appropriate usage tier and charge according to the maximum value of that tier. SCE retains the right to perform on-site inspections to verify the energy consumption of the device(s). (T)
- 5. Installation: The device(s) shall be installed on SCE facilities, or other facilities approved by SCE. When the devices are installed on SCE facilities, the installation and removal of such device(s) will be performed by the customer, and at the customer's expense. Device installation shall not be performed under this Schedule where location, mounting height, and/or other considerations are not acceptable to SCE. (T)
- 6. Modification of Facilities: Where the customer requests a modification of SCE-owned facilities, and such modifications are acceptable to SCE, SCE will perform the requested modifications at the customer's expense. (T)
- 7. Maintenance: SCE shall exercise reasonable care and diligence in maintaining its facilities or SCE-owned attachments thereto. Upon installation of the device(s), where SCE experiences, or expects to experience, maintenance costs exceeding its normal maintenance expense resulting from, but not limited to, vandalism, SCE may require the customer to pay the excess maintenance expense. (T)
- 8. Liability of SCE: SCE shall not, by taking action pursuant to its tariffs, be liable for any loss, damage, or injury, established or alleged, which may result, or be claimed to result, therefrom. (T)
- 9. Distribution Line Extension: Distribution line extensions shall be installed in accordance with Rule 15. (T)
- 10. Service Extension: Services shall be installed and maintained as provided in Rule 16. (T)

(Continued)

(To be inserted by utility)
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Experimental Schedule WTR
WIRELESS TECHNOLOGY RATE

Sheet 3

(Continued)

SPECIAL CONDITIONS

- 11. Billing: A customer's bill is first calculated according to the total rates and conditions above. (T)
The following adjustments are made depending on the option applicable to the customer.
 - a. Bundled Service Customers receive supply and delivery services solely from Edison. The customer's bill is based on the total rates set forth above. The Procured Energy (supply) component is equal to the Procured Energy (PE) Charge as set forth in Schedule PE.
 - b. Direct Access Customers purchase energy from an Energy Service Provider and continue receiving delivery services from SCE. The PE 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 PE Charge. If the Averaged PE Charge is greater than the amount of the Bundled Service bill, the minimum bill for a Direct Access Customer is zero.

- 12. Generation Charge: The generation charge is calculated based on the total rate less the sum (T)
of: Distribution, Transmission, Public Purpose Programs, Nuclear Decommissioning, and Fixed Transaction Amount (where applicable) charges, the Transmission Owners Tariff Charge Adjustments (TOTCA), and the Public Utilities Commission Reimbursement Fee.

(Continued)

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Experimental Schedule WTR
WIRELESS TECHNOLOGY RATE

Sheet 4

(Continued)

RATE COMPONENTS

Rate Components Table

<u>Rate Schedule Summary</u>	<u>Trans¹</u>	<u>Distrbtn²</u>	<u>Gen³</u>	<u>NDC⁴</u>	<u>PPPC⁵</u>	<u>TOTCA⁶</u>	<u>PUCRF⁷</u>	<u>DWRBC⁸</u>	<u>Total</u>		
Fixed Energy Charge - \$/Device/Month											
Tiers									(T)		
1	0-50 kWh/month	0.12	3.08	4.75	0.02	0.12	(0.04)	0.01	0.35	8.41	
2	51-100 kWh/month	0.23	3.59	9.55	0.04	0.24	(0.08)	0.01	0.70	14.28	
3	101-150 kWh/month	0.35	4.11	14.30	0.06	0.35	(0.12)	0.02	1.05	20.12	
4	151-200 kWh/month	0.46	4.62	19.09	0.08	0.47	(0.15)	0.02	1.40	25.99	
5	201-250 kWh/month	0.58	5.14	23.84	0.10	0.59	(0.19)	0.03	1.75	31.84	
6	251-300 kWh/month	0.70	5.66	28.61	0.12	0.71	(0.23)	0.04	2.10	37.71	
7	301-350 kWh/month	0.81	6.17	33.39	0.14	0.83	(0.27)	0.04	2.45	43.56	
8	351-400 kWh/month	0.93	6.69	38.16	0.16	0.94	(0.31)	0.05	2.80	49.42	
9	401-450 kWh/month	1.04	7.20	42.93	0.18	1.06	(0.35)	0.05	3.15	55.26	
10	451-500 kWh/month	1.16	7.72	47.69	0.20	1.18	(0.39)	0.06	3.51	61.13	(T)
Customer Charge - \$/Customer/Month	0.00	3.44	1.80							5.24	
Dept. of Water Resources (DWR)											
Procurement Charge-\$/kWh				0.09706						0.09706	

¹ Trans = Transmission

² Distrbtn = Distribution

³ Gen = Generation

⁴ NDC = Nuclear Decommissioning Charge

⁵ PPPC = Public Purpose Programs Charge (includes California Alternate Rates for Energy Surcharge where applicable.)

⁶ TOTCA = Transmission Owners Tariff Charge Adjustments [FERC approved – represents Transmission Revenue balancing Account Adjustment (TRBAA) of negative \$0.00111 per kWh, Reliability Services Balancing Account Adjustment (RSBAA) of \$000028 per kWh, and Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$0.00006 per kWh].

⁷ PUCRF = The PUC Reimbursement Fee is described in Schedule RF-E.

⁸ DWRBC = Department of Water Resources (DWR) Bond Charge. The DWR Bond Charge is currently not applicable to Direct Access Customers. Pursuant to D.02-10-063 and D.02-02-051, bond charges may be collected from Direct Access Customers when a decision in R.02-01-011 becomes final and unappealable.

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Southern California Edison
Rosemead, California

Revised Cal. PUC Sheet No. 32041-E
Cancelling Revised Cal. PUC Sheet No. 27158-E

Sheet 1

APPLICATION AND CONTRACT FOR ELECTRIC SERVICE
FOR EXPERIMENTAL SCHEDULE WTR
Wireless Technology Rate

Form 14-687

(To be inserted by utility)

Advice 1658-E

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(To be inserted by utility)
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**APPLICATION AND CONTRACT FOR ELECTRIC SERVICE
FOR EXPERIMENTAL SCHEDULE WTR
Wireless Technology Rate**

CUSTOMER ACCOUNT NO.

SERVICE ACCOUNT NO.

TO SOUTHERN CALIFORNIA EDISON COMPANY (SCE):

The undersigned Applicant hereby requests SCE to supply electric service and to deliver electric energy to and for the equipment hereinafter described in accordance with the applicable rates and rules of SCE including the tariff set forth herein. (T)

Applicant hereby agrees to the following:

1. SCE has made available for inspection its applicable rates and rules. Applicant agrees to comply therewith, and with any changes or modifications thereof which may be authorized from time to time by the Public Utilities Commission of the State of California (Commission). (T)
2. Applicant's attention has been directed to the rate schedules applicable to the service herein described, and Applicant has elected to take and pay for unmetered service under Experimental Schedule WTR based on fixed usage categories of 0-50, 51-100, 101-150, 151-200, 201-250, 251-300, 301-350, 351-400, 401-450, and 451-500 kWh per month per device. Further, Applicant will pay a Customer Charge of \$5.24 per month. (T)
3. Applicant hereby grants to SCE a right-of-way for any electric lines that may be necessary to build in, on, under, or over Applicant's premises for the purposes of making delivery hereunder. (D)
4. Applicant shall pay for and install per SCE's construction standards and subject to SCE's inspection a load control device (fused splice box) acceptable to SCE that will ensure the Applicant's service will not exceed the fixed usage category elected by the Applicant. (N)
5. Applicant understands: a) the fused splice box will act as the point of service/connection between the customer and SCE and will be installed per SCE's and local government agency requirements; b) the fused splice box will be locked with a SCE lock and made accessible only by SCE; c) the applicant shall provide all SCE approved fuses to be installed by SCE; d) that if the service exceeds the maximum tier or the Commission closes this Schedule the customer must remove their pole mounted equipment, including the fused splice box, and install a metered service under the applicable tariff per SCE's electrical service requirements and applicable governmental agency requirements; e) that once the maximum kWh of a tier has been exceeded, SCE will automatically move the applicant to the next available tier, the applicant shall provide the appropriate size fuses for that tier, and SCE will bill accordingly; f) service shall be provided per the provisions of Rule 15 and/or 16. (N)
6. Within 36 months of commencement of service under this contract when a change is made in SCE's facilities, settlement shall be made for the installation and removal cost of the facilities removed. A new contract shall be entered into providing for the modified service required by Applicant. (T)
7. This contract shall at all times be subject to such changes or modifications by the Commission as said Commission may, from time to time, direct in the exercise of its jurisdiction. (T)
8. Where applicable — Contract Demand _____ (kW). (T)(D)

DEVICE MODEL NUMBER	WATTAGE RATING	FIXED ENERGY USAGE

SERVICE ADDRESS _____ (N)

SERVICE VOLTAGE _____ CONNECTED LOAD _____ EST. MAX. DEMAND _____ (N)

CORPORATE OR INDIVIDUAL'S NAME _____

DATED _____ D.B.A. _____

BY _____ TITLE _____

APPROVED AND ACCEPTED FOR SOUTHERN CALIFORNIA EDISON COMPANY

DATED _____ BY _____ PROGRAM/PROJECT MANAGER

December 23, 2002

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

Attn: Jerry Royer
Energy Division

Re: Substitute Sheets for Advice 1658-E

Dear Mr. Royer:

Enclosed is an original and six copies of Attachment A and substitute Sheet No. 32040-E*¹ for Advice 1658-E. This substitute sheet is necessary to include within Advice 1658-E the Department of Water Resources (DWR) Bond Charge that was recently modified by Advice 1667-E and is reflected in each applicable rate schedule's Rate Components Table. Advice 1658-E was filed prior to the filing of Advice 1667-E, yet is effective after Advice 1667-E. As a result, Advice 1658-E needs to reflect the DWR Bond Charge provided for within Advice 1667-E.² In addition to this revision, Sheet No. 32040-E* is also modified to reflect the appropriate and approved Customer Charge which was inadvertently omitted in Advice 1658-E.³

Please replace the enclosed sheets in your master Advice Letter 1658-E file and distribute copies to the appropriate people reviewing the Advice Letter. If you have any questions, please contact Reneé Vazquez at (626) 302-2077.

Sincerely,

Enclosures
1658-Esub.doc
GO 96A service list

¹ Asterisk denotes a substituted sheet.

² The DWR Bond Charge will be applied to all non-excluded bundled service customers for service commencing on and after December 4, 2002. Advice 1658-E became effective December 10, 2002.

³ The Customer Charge was established and approved in Advice 1422-E-A and subsequently revised in numerous advice letters. The Customer Charge reflected herein modifies approved rates from Advice 1619-E-A.

bcc: 1658-E file (Pastehl Kaballah)

Martin Collette
Yuki Foulds
Ruby Galvan
Gail Higashi
Craig Keen
Dustin Kempf
Emelyn Lawler
Cheryl Morales
Darrah Morgan
Jim Schichtl
Renee Vazquez
Jim Yee

April 4, 2003

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

Attn: Jerry Royer
Energy Division

Re: Substitute Sheets for Advice 1658-E

Dear Mr. Royer:

Enclosed are an original and six copies of Attachment A and various substitute tariff sheets for Advice 1658-E. These substitute sheets are necessary to ensure that all appropriate, approved revisions are contained in affected tariff sheets. Among other things, Advice 1658-E revised SCE's Experimental Schedule WTR, Wireless Technology Rate, to add higher kWh ranges to the Rates section of the schedule in order to provide service to the newest generation of wireless technology devices. As a result, the Rates Components Table was also revised. Supplemental Advice 1641-E-A which modifies certain tariff sheets, including the Rates Components Table of Schedule WTR also revised by Advice 1658-E, was filed January 21, 2003, with an effective date of September 1, 2002.¹ The modifications provided within these substitute sheets help to ensure that all appropriate, approved revisions from Advice 1641-E-A are contained in the affected tariff sheets of Advice 1658-E.²

Please replace the enclosed sheets in your master Advice Letter 1658-E file and distribute copies to the appropriate people reviewing the Advice Letter. If you have any questions, please contact Dara Morgan at (626) 302-2086.

Sincerely,

Enclosures
1658-Esub2.doc

Copy: GO 96-A Service List

¹ Supplemental Advice 1641-E-A reduced Transmission rates, effective September 1, 2002, to reflect the reduced transmission revenue requirement approved by the Federal Energy Regulatory Commission on December 24, 2002.

² Consistent with information provided in Advice Letter 1641-E-A, page 4, this is the fourth substitute sheet submittal in a series of nine submittals being made to the CPUC.

bcc: 1658-E file (Pastehl Kaballah)

Martin Collette
Yuki Foulds
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Gail Higashi
Craig Keen
Dustin Kempf
Emelyn Lawler
Cheryl Morales
Darrah Morgan
Jim Schichtl
Renee Vazquez
Jim Yee