
December 2, 2016

ADVICE 3525-E
(U 338-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA
ENERGY DIVISION

SUBJECT: Green Tariff Shared Renewables Program Rate Component
Updates for 2017

Pursuant to Decision (D.)15-01-051, Southern California Edison Company (SCE) hereby submits for filing the following changes to its tariffs. The revised tariff sheets are listed on Attachment A and are attached hereto.

PURPOSE

The purpose of this advice filing is to update the rate components included in SCE's Green Tariff Shared Renewables (GTSR) Program rate schedules for 2017, as required by D.15-01-051 (or the Decision).

BACKGROUND

On September 28, 2013, Governor Brown signed Senate Bill (SB) 43 (Wolk, 2013) into law.¹ SB 43 enacted the GTSR Program, a 600 megawatt (MW) statewide program that allows participating utilities'² customers – including local governments, businesses, schools, homeowners, municipal customers, and renters – to meet up to 100 percent of their energy usage with generation from eligible renewable energy resources.

On January 29, 2015, the Commission adopted D.15-01-051, which implemented a GTSR Program framework based on the requirements of SB 43. The GTSR Program structure approved by the Commission consists of two elements: (1) a Green Tariff option allowing customers to purchase energy with a greater share of renewables (i.e., the Green Rate option for SCE), and (2) an Enhanced Community Renewables option allowing customers to subscribe to renewable energy from specific community-based projects (i.e., the Community Renewables option for SCE).³

¹ SB 43 was codified in California Public Utilities Code Section 2831 *et seq.*

² Participating utility means “an electrical corporation with 100,000 or more customer accounts in California.” Cal. Pub. Util. Code § 2831.5(b)(2). SCE is a participating utility.

³ See the Decision at pp. 3-4.

On May 13, 2015, SCE submitted three advice letters, referred to as (1) the Customer Service Implementation Advice Letter (CSIAL) – Advice 3219-E, which included a proposed rate design methodology in compliance with the requirements of the Decision and included a calculation of GTSR Program rates for 2015; (2) the Marketing Implementation Advice Letter (MIAL) – Advice 3220-E; and (3) the Joint Procurement Implementation Advice Letter (JPIAL) – Advice 3218-E, which was a joint filing by the three investor-owned utilities (IOUs).⁴ On October 1, 2015, the Commission adopted Resolution E-4734 (the Resolution), which approved the CSIAL and JPIAL as modified by the Resolution, and adopted SCE’s rate design methodology and 2015 GTSR Program rates as proposed.⁵

On January 15, 2016, SCE filed Advice 3347-E to update the rate components included in SCE’s GTSR Program rate schedules for 2016.⁶

DISCUSSION

As outlined in the Decision, it is necessary to update the various rate components that comprise the GTSR Program charges and credits on an annual basis. Specifically, the Decision states that “[i]t is appropriate for an IOU to provide a summary and true-up of costs and revenues against charges and credits applied to GTSR customers on an annual basis, either through the IOU’s annual Energy Resource Recovery Account (ERRA) process or in a separate application.”⁷ The Decision also references the IOUs’ filing annual Tier 2 advice letters “summarizing the true-up of costs and revenues against charges and credits applied to GTSR customer bills.”⁸ Thus, as outlined in its CSIAL, SCE can update its GTSR Program rate components in its ERRA proceeding, through a Tier 2 advice letter, or by separate application. SCE is opting to update the GTSR Program rate components for 2017 through this Tier 2 advice filing.

2017 GTSR Program Rate Component Updates

The Decision adopted a detailed framework for the various GTSR Program charges and credits, and the Resolution approved SCE’s proposed methodologies for calculating each rate component. Consistent with the approved methodologies, this instant filing updates the existing 2016 GTSR Program rate components to reflect the 2017 portfolio

⁴ The IOUs include SCE, Pacific Gas and Electric Company, and San Diego Gas & Electric Company.

⁵ On October 21, 2015, SCE filed Advice 3218-E-A (JPIAL update), 3219-E-A (CSIAL update), and 3297-E (SCE-specific JPIAL tariffs) to comply with the Resolution.

⁶ The Commission approved Advice 3347-E, which updated the GTSR Program rate components for 2016, on February 18, 2016, with a February 14, 2016 effective date.

⁷ D.15-01-051 at Conclusion of Law 59.

⁸ *Id.* at p. 142.

of Green Tariff resources⁹ and provides a summary of estimated 2017 costs and credits.¹⁰ SCE specifically notes the following:

- A positive time of delivery (TOD) adjustment is no longer expected due to a decrease in the wholesale price of energy since 2013, particularly during the hours of highest renewable solar generation.
- The Class Average Generation Credits are preliminary estimates, based on the forecast generation rates included in SCE’s November Update to its 2017 ERRRA Forecast Application (A.16-05-001). The Class Average Generation Credits will be updated on January 1, 2017, based on future Commission decisions in various proceedings.
- The 2017 Administrative & Marketing (A&M), and Education & Outreach (ME&O) charges are set based on an amortization of startup costs over the life of the programs, 2017 forecast costs for both A&M and ME&O, and 2016 unrecovered balances for both A&M and ME&O. In order to mitigate a significant increase in the 2017 Green Rate ME&O charge, the forecasted 2017 ME&O revenues and the ME&O balances from 2016 are amortized to be recovered over a five year period.

The values included in the table below represent the charges and credits that are applicable to residential GTSR Program customers in 2017. Workpapers supporting updates to the rates, as well as charges and credits for other customer classes, are included in Attachment B.

\$/kWh	Green Rate	Community Renewables
Charges		
Renewable Power Rate	0.08448	0.00000
Power Charge Indifference Adjustment (PCIA) ¹¹	0.00887	0.00887
Competition Transition Charge (CTC)	-0.00145	-0.00145
California Independent System Operator (CAISO) Grid Charge ¹²	0.00049	0.00049

⁹ An updated list of SCE’s Interim Green Rate Pool projects is included as Attachment C.

¹⁰ SCE has not yet recorded costs in the GTSR Balancing Account and therefore is not including a true-up of the GTSR Balancing Account balance in the 2017 forecast of the GTSR Program rate components. The GTSR balancing account preliminary statement allows for entries on a “monthly, quarterly or annual basis.”

¹¹ In the GTSR Program customer tariffs, the PCIA and CTC are shown in aggregate as the GTSR Indifference Adjustment.

¹² In the GTSR Program customer tariffs, the CAISO Grid Charge and WREGIS Charge are shown in aggregate as the CAISO Grid and WREGIS Charges.

Western Renewable Energy Generation Information System (WREGIS) Charge	0.00001	0.00001
Resource Adequacy (RA) Adjustment	0.00699	CR Facility Specific
Renewables Integration Cost (RIC) Charge	0.00000	0.00000
Administrative Charge ¹³	0.00365	0.00365
Marketing, Education, and Outreach (ME&O) Charge ¹⁴	0.00646	0.00101
Total Charges	0.10950	CR Facility Specific

\$/kWh	Green Rate	Community Renewables
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Credits

Class Average Generation Credit ¹⁵	0.07736	0.07736
Time-of-Delivery (TOD) Adjustment	-0.00895	CR Facility Specific
Total Credits	0.06841	CR Facility Specific

	Green Rate	Community Renewables
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Premium

	0.04109	CR Facility Specific
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¹³ In the GTSR Program customer tariffs, the Administrative Charge and ME&O Charge are shown in aggregate as the Program Administration Charge.

¹⁴ The 2016 ME&O charges for the Green Rate and Community Renewables Programs are based on the revised ME&O forecasted costs outlined in Advice 3220-E-A (supplemented MIAL).

¹⁵ The 2016 Class Average Generation Credit is based on the 2015 General Rate Case (GRC) Phase 1 and 2016 ERRRA Forecast revenue requirements approved by D.15-11-021 and D.15-12-033, respectively, and implemented into rates on January 1, 2016 via Advice 3319-E-A.

PROPOSED TARIFF CHANGES

Pursuant to the discussion above, SCE proposes to modify the rate tables included in the Rates section of Schedule GTSR-GR, *Green Tariff Shared Renewables Green Rate*, and Schedule GTSR-CR, *Green Tariff Shared Renewables Community Renewables*, to reflect the 2017 rates for customers electing to participate in the GTSR Program.

In addition, SCE proposes to modify Preliminary Statement, Part GG, *Green Tariff Shared Renewables Balancing Account*; Preliminary Statement, Part N.58, *Green Tariffs Shared Renewables Administrative Costs Memorandum Account*; Preliminary Statement, Part N.59, *Green Tariff Shared Renewables Marketing, Education & Outreach Memorandum Account*; and, Preliminary Statement, Part N.60, *Enhanced Community Renewables Marketing, Education & Outreach Memorandum Account* to include a provision for Franchise Fees and Uncollectibles (FF&U) expense in the operation of these accounts.

CONFIDENTIALITY

SCE is requesting confidential treatment of the confidential version of Attachment C to this advice letter. The information for which SCE seeks confidential treatment is identified in the Confidentiality Declaration attached as Attachment D. The confidential version of this advice letter will be made available to appropriate parties (in accordance with SCE's Proposed Protective Order, as discussed below) upon execution of the required nondisclosure agreement. Parties wishing to obtain access to the confidential version of this advice letter may contact Janet Combs in SCE's Law Department at Janet.Combs@sce.com or (626) 302-1524 to obtain a non-disclosure agreement. In accordance with General Order (GO) 96-B, a copy of SCE's Proposed Protective Order is attached hereto as Attachment E. It is appropriate to accord confidential treatment to the information for which SCE requests confidential treatment in the first instance in the advice letter process because such information is entitled to confidentiality protection pursuant to D.06-06-066, and is required to be filed by advice letter pursuant to D.15-01-051. SCE would object if the information were disclosed in an aggregated format.

The information in this advice letter for which SCE requests confidential treatment, the pages on which the information appears, and the length of time for which the information should remain confidential, are provided in Attachment D. This information is entitled to confidentiality protection pursuant to D.06-06-066 (as provided in the IOU Matrix). The specific provisions of the IOU Matrix that apply to the confidential information in this advice letter are identified in Attachment D.

LIST OF ATTACHMENTS

Attachment A: Revised Tariffs

Attachment B: GTSR Program Rate Component Workpapers

Confidential/Public Attachment C: Interim Green Tariff Pool Projects

Attachment D: Confidentiality Declaration

Attachment E: Proposed Protective Order

TIER DESIGNATION

Pursuant to the Decision,¹⁶ this advice filing is submitted with a Tier 2 designation.

EFFECTIVE DATE

This advice filing will become effective on January 1, 2017, the 30th calendar day after the date filed.

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 no later than 20 days after the date of this advice filing. Protests should be submitted to:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, California 94102
E-mail: EDTariffUnit@cpuc.ca.gov

Copies should also be mailed to the attention of the Director, Energy Division, Room 4004 (same address as above).

In addition, protests and all other correspondence regarding this advice letter should be sent by letter and transmitted via facsimile or electronically to the attention of:

Russell G. Worden
Managing Director, State Regulatory Operations
Southern California Edison Company
8631 Rush Street
Rosemead, California 91770
Facsimile: (626) 302-4829
E-mail: AdviceTariffManager@sce.com

¹⁶ D.15-01-051 at p. 142.

Laura Genao
Managing Director, State Regulatory Affairs
c/o Karyn Gansecki
Southern California Edison Company
601 Van Ness Avenue, Suite 2030
San Francisco, California 94102
Facsimile: (415) 929-5544
E-mail: Karyn.Gansecki@sce.com

There are no restrictions on who may file a protest, but the protest must set forth specifically the grounds upon which it is based and must be received by the deadline shown above.

In accordance with General Rule 4 of General Order (GO) 96-B, SCE is serving copies of this advice filing to the interested parties shown on the attached GO 96-B and A.12-01-008 et al. service lists. Address change requests to the GO 96-B service list should be directed by electronic mail to AdviceTariffManager@sce.com or at (626) 302-4039. For changes to all other service lists, please contact the Commission's Process Office at (415) 703-2021 or by electronic mail at 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 at SCE's corporate headquarters. To view other SCE advice letters filed with the Commission, log on to SCE's web site at <https://www.sce.com/wps/portal/home/regulatory/advice-letters>.

For questions, please contact Robert A. Thomas at (626) 302-3505 or by electronic mail at Robert.Thomas@sce.com.

Southern California Edison Company

/s/ Russell G. Worden
Russell G. Worden

RGW:jc:jm
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:

ELC GAS
 PLC HEAT WATER

Contact Person: Darrah Morgan

Phone #: (626) 302-2086

E-mail: Darrah.Morgan@sce.com

E-mail Disposition Notice to: AdviceTariffManager@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) #: 3525-E

Tier Designation: 2

Subject of AL: Green Tariff Shared Renewables Program Rate Component Updates for 2017

Keywords (choose from CPUC listing): Compliance

AL filing type: Monthly Quarterly Annual One-Time Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

Decision 15-01-051

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: _____

Confidential treatment requested? Yes No

If yes, specification of confidential information: See Attachment D

Confidential information will be made available to appropriate parties who execute a nondisclosure agreement.

Name and contact information to request nondisclosure agreement/access to confidential information:

Janet Combs, Law Department, (626) 302-1524 or via email at Janet.combs@sce.com.

Resolution Required? Yes No

Requested effective date: 1/1/17 No. of tariff sheets: -14-

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: See Attachment A

Service affected and changes proposed¹: _____

Pending advice letters that revise the same tariff sheets: None

¹ 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 Avenue
San Francisco, California 94102
E-mail: EDTariffUnit@cpuc.ca.gov

Russell G. Worden
Managing Director, State Regulatory Operations
Southern California Edison Company
8631 Rush Street
Rosemead, California 91770
Telephone: (626) 302-4177
Facsimile: (626) 302-4829
E-mail: AdviceTariffManager@sce.com

Laura Genao
Managing Director, State Regulatory Affairs
c/o Karyn Gansecki
Southern California Edison Company
601 Van Ness Avenue, Suite 2030
San Francisco, California 94102
Facsimile: (415) 929-5544
E-mail: Karyn.Gansecki@sce.com

Cal. P.U.C. Sheet No.	Title of Sheet	Cancelling Cal. P.U.C. Sheet No.
Revised 60769-E	Preliminary Statement Part N	Original 56394-E
Revised 60770-E	Preliminary Statement Part N	Revised 58885-E
Revised 60771-E	Preliminary Statement Part N	Original 56396-E
Revised 60772-E	Preliminary Statement Part N	Original 56398-E
Revised 60773-E	Preliminary Statement Part N	Revised 58887-E
Revised 60774-E	Preliminary Statement Part GG	Original 56734-E
Revised 60775-E	Preliminary Statement Part GG	Original 56735-E
Revised 60776-E	Preliminary Statement Part GG	Original 56736-E
Revised 60777-E	Preliminary Statement Part GG	Revised 58889-E
Revised 60778-E	Schedule GTSR-CR	Revised 59542-E
Revised 60779-E	Schedule GTSR-GR	Revised 59548-E
Revised 60780-E	Table of Contents	Revised 57937-E
Revised 60781-E	Table of Contents	Revised 59870-E
Revised 60782-E	Table of Contents	Revised 59553-E

PRELIMINARY STATEMENT

Sheet 86

(Continued)

N. MEMORANDUM ACCOUNTS (Continued)

58. Green Tariff Shared Renewables (GTSR) Administrative Costs Memorandum Account (GTSRACMA)

a. Purpose

The purpose of the Green Tariff Shared Renewables (GTSR) Administrative Costs Memorandum Account (GTSRACMA) is to record the difference between the revenues collected through the GTSR Administrative Charge and initial and on-going incremental administrative costs incurred in order to implement the Commission-adopted GTSR program, pursuant to D.15-01-051. The GTSR program consists of both a Green Tariff option and an Enhanced Community Renewables (ECR) option.

b. Operation of the GTSRACMA

Monthly entries to the GTSRACMA shall be determined as follows:

1. A credit entry equal to the GTSR Administrative Charge recorded revenues, less (T)
2. A provision for Franchise Fees and Uncollectibles (FF&U), plus (N)
3. Debit entries equal to the recorded incremental Operation and Maintenance (O&M) expense incurred for all incremental administrative activities SCE is required to undertake to implement the Commission-adopted GTSR program. O&M recorded expenses shall include labor and labor overhead loadings, material and contract costs. (T)

These O&M costs may include up-front implementation and on-going costs, related, but not limited, to:

- a. I.T.-related system modifications, including website and billing enhancements, on-line program enrollment capabilities (up-front SCE.COM modifications),
- b. Customer Communications Center training and job aids,
- c. Program management, and
- d. Enrollment processing.

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(To be inserted by utility)

Advice 3525-E
Decision 15-01-051

Issued by
Caroline Choi
Senior Vice President

(To be inserted by Cal. PUC)

Date Filed Dec 2, 2016
Effective Jan 1, 2017
Resolution _____

PRELIMINARY STATEMENT

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(Continued)

N. MEMORANDUM ACCOUNTS (Continued)

58. Green Tariff Shared Renewables (GTSR) Administrative Costs Memorandum Account (GTSRACMA) (Continued)

b. Operation of the GTSRACMA (Continued)

4. The Interest Rate shall be one-twelfth of the Federal Reserve three-month Commercial Paper Rate – Non-Financial, from Federal Reserve Statistical Release H.15 (expressed as an annual rate). If in any month a non-financial Rate is not published, SCE shall use the Federal Reserve three-month Commercial Paper Rate – Financial. (T)

All recorded, incremental labor costs shall include provisions for overhead loadings on direct labor dollars to account for items such as benefits, results sharing and payroll taxes. The overhead loading factors shall be based on authorized GRC loading factor rates.

c. Disposition

In SCE's annual Energy Resources Recovery Account (ERRA) Forecast proceedings; a Tier 2 advice letter; or by a separate application SCE will include any prior year over-collection or under-collection in the GTSRACMA (i.e. the true-up of recorded costs and revenues) in the forecast of the GTSR Administrative Charge, which may include resetting the forecast Administrative Charge to account for any prior year balance by adjusting the amortization of the remaining uncollected costs through the end of the GTSR program.

d. Review Procedures

Pursuant to D.15-01-051, reasonableness of amounts recorded in the GTSRACMA shall be determined in SCE's annual ERRA Review proceedings.

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(To be inserted by utility)

Advice 3525-E
Decision 15-01-051

Issued by
Caroline Choi
Senior Vice President

(To be inserted by Cal. PUC)

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PRELIMINARY STATEMENT

Sheet 88

(Continued)

N. MEMORANDUM ACCOUNTS (Continued)

59. Green Tariff Marketing, Education & Outreach Memorandum Account (GTME&OMA)

a. Purpose

The purpose of the Green Tariff Marketing, Education & Outreach (ME&O) Memorandum Account (GTME&OMA) is to record the difference between the revenues collected through the Green Tariff ME&O Charge and initial and on-going incremental ME&O costs incurred in order to implement the Commission-adopted Green Tariff, pursuant to D.15-01-051. The Green Tariff Shared Renewables (GTSR) program consists of both a Green Tariff option and an Enhanced Community Renewables (ECR) option. ME&O costs are to be tracked separately for the Green Tariff and ECR options.

b. Operation of the GTME&OMA

Monthly entries to the GTME&OMA shall be determined as follows:

1. A credit entry equal to the Green Tariff ME&O Charge recorded revenues, less (T)
2. A provision for Franchise Fees and Uncollectibles (FF&U), plus (N)
3. Debit entries equal to the recorded incremental Operation and Maintenance (O&M) expense incurred for all incremental ME&O activities SCE is required to undertake to implement the Commission-adopted Green Tariff. O&M recorded expenses shall include labor and labor overhead loadings, material and contract costs. (T)

These O&M costs may include up-front implementation and on-going costs, related, but not limited, to:

- a. Broad-based marketing, including digital advertisements, flyers, and customer engagement communications,
- b. Target Marketing, including direct mail, email marketing, and market research, and
- c. On-line Portal development.
4. The Interest Rate shall be one-twelfth of the Federal Reserve three-month Commercial Paper Rate – Non-Financial, from Federal Reserve Statistical Release H.15 (expressed as an annual rate). If in any month a non-financial Rate is not published, SCE shall use the Federal Reserve three-month Commercial Paper Rate – Financial. (T)

All recorded, incremental labor costs shall include provisions for overhead loadings on direct labor dollars to account for items such as benefits, results sharing and payroll taxes. The overhead loading factors shall be based on authorized GRC loading factor rates.

(Continued)

(To be inserted by utility)

Advice 3525-E
 Decision 15-01-051

Issued by

Caroline Choi
Senior Vice President

(To be inserted by Cal. PUC)

Date Filed Dec 2, 2016
 Effective Jan 1, 2017
 Resolution _____

PRELIMINARY STATEMENT

Sheet 90

(Continued)

N. MEMORANDUM ACCOUNTS (Continued)

60. Enhanced Community Renewables Marketing, Education & Outreach Memorandum Account (ECRME&OMA)

a. Purpose

The purpose of the Enhanced Community Renewables (ECR) Marketing, Education & Outreach (ME&O) Memorandum Account (ECRME&OMA) is to record the difference between the revenues collected through the ECR ME&O Charge and initial and on-going incremental ME&O costs incurred in order to implement the Commission-adopted ECR program, pursuant to D.15-01-051. The Green Tariff Shared Renewables (GTSR) program consists of both a Green Tariff option and an Enhanced Community Renewables (ECR) option. ME&O costs are to be tracked separately for the Green Tariff and ECR options.

b. Operation of the ECRME&OMA

Monthly entries to the ECRME&OMA shall be determined as follows:

1. A credit entry equal to the ECR ME&O Charge recorded revenues, less (T)
2. A provision for Franchise Fees and Uncollectibles (FF&U), plus (N)
3. Debit entries equal to the recorded incremental Operation and Maintenance (O&M) expense incurred for all incremental ME&O activities SCE is required to undertake to implement the Commission-adopted ECR program. O&M recorded expenses shall include labor and labor overhead loadings, material and contract costs. (T)

These O&M costs may include up-front implementation and on-going costs, related, but not limited, to:

- a. Broad-based marketing, including digital advertisements, flyers, and customer engagement communications,
- b. Target Marketing, including direct mail, email marketing, and market research, and
- c. On-line Portal development.

(Continued)

(To be inserted by utility)

Advice 3525-E
Decision 15-01-051

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Caroline Choi
Senior Vice President

(To be inserted by Cal. PUC)

Date Filed Dec 2, 2016
Effective Jan 1, 2017
Resolution _____

PRELIMINARY STATEMENT

Sheet 91

(Continued)

N. MEMORANDUM ACCOUNTS (Continued)

60. Enhanced Community Renewables Marketing, Education & Outreach Memorandum Account (ECRME&OMA) (Continued)

b. Operation of the ECRME&OMA (Continued)

4. The Interest Rate shall be one-twelfth of the Federal Reserve three-month Commercial Paper Rate – Non-Financial, from Federal Reserve Statistical Release H.15 (expressed as an annual rate). If in any month a non-financial Rate is not published, SCE shall use the Federal Reserve three-month Commercial Paper Rate – Financial. (T)

All recorded, incremental labor costs shall include provisions for overhead loadings on direct labor dollars to account for items such as benefits, results sharing and payroll taxes. The overhead loading factors shall be based on authorized GRC loading factor rates.

c. Disposition

In SCE's annual Energy Resources Recovery Account (ERRA) Forecast proceedings; a Tier 2 advice letter; or by separate application, SCE will include any prior year over-collection or under-collection in the ECRME&OMA (i.e. the true-up of recorded costs and revenues) in the forecast of the ECR ME&O Charge, which may include resetting the forecast ECR ME&O Charge to account for any prior year balance by adjusting the amortization of the remaining uncollected costs through the end of the GTSR program.

d. Review Procedures

Pursuant to D.15-01-051, reasonableness of amounts recorded in the ECRME&OMA shall be determined in SCE's annual ERRA Review proceedings.

(To be inserted by utility)

Advice 3525-E
Decision 15-01-051Issued by
Caroline Choi
Senior Vice President

(To be inserted by Cal. PUC)

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PRELIMINARY STATEMENT

Sheet 1

GG. GREEN TARIFF SHARED RENEWABLES BALANCING ACCOUNT (GTSRBA)

1. Purpose

The Green Tariff Shared Renewables (GTSR) program (GTSR Program) consists of both a Green Rate option and a Community Renewables (CR) option. The purpose of the GTSR Balancing Account (GTSRBA) is to record the difference between the actual revenue requirements, based on recorded GTSR commodity-related costs, and the revenues collected from individual customers electing to participate in the GTSR Program through charges set to collect these costs. The revenues collected will be based on a dollar per kWh charged for each kWh of energy delivered per a customer's GTSR Program subscription. GTSR Program administrative and marketing, education and outreach (ME&O) costs and revenues are accounted for in separate memorandum accounts and are not in the GTSRBA.

2. Definitions

a. Interim Green Rate Pool.

For the near-term, to meet immediate Green Rate customer demand, SCE may draw on existing Renewables Portfolio Standard (RPS) resources that are eligible for the Green Rate program with actual or expected online dates of January 1, 2014 or later (Interim Green Rate Pool). The Interim Green Rate Pool is a short-term approach. Simultaneously, SCE will engage in advance procurement of a specified amount to start the process of putting additional facilities online.

b. Interest Rate.

The Interest Rate shall be one-twelfth of the Federal Reserve three-month Commercial Paper Rate – Non-Financial, from Federal Reserve Statistical Release H.15 (expressed as an annual rate). If in any month a non-financial Rate is not published, SCE shall use the Federal Reserve three-month Commercial Paper Rate – Financial.

c. Franchise Fees and Uncollectibles Accounts Expense.

Franchise Fees and Uncollectibles (FF&U) accounts expense shall be the CPUC-authorized rate derived from SCE's most recent General Rate Case (GRC) decision to provide for FF&U accounts expense.

(N)
|
|
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(N)

(Continued)

(To be inserted by utility)
 Advice 3525-E
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 Senior Vice President

(To be inserted by Cal. PUC)
 Date Filed Dec 2, 2016
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PRELIMINARY STATEMENT

Sheet 2

(Continued)

GG. GREEN TARIFF SHARED RENEWABLES BALANCING ACCOUNT (GTSRBA)

3. Operation of the GTSRBA

Entries to the GTSRBA shall be determined as follows (on a monthly, quarterly or annual basis as recorded data is available):

- a. An entry equal to the balance in the Renewable Power Rate (RPR) Subaccount, which shall include:
 - i. RPR revenues (credit), as recorded, less (T)
 - ii. A provision for FF&U, plus (N)
 - iii. RPR-related costs (debit), which include the cost of contracts in the Interim Green Rate Pool based on the weighted average, time-of-delivery adjusted contract costs of all projects in SCE's Interim Green Rate Pool multiplied by the actual kWh delivered under all Green Rate customer subscriptions. Once projects built specifically for the Green Rate program (Green Rate Dedicated Procurement Projects) achieve commercial operation, the RPR-related costs will be based on the weighted average, time-of-delivery adjusted contract costs of the Green Rate Dedicated Procurement Projects (averaged with contract costs of projects from the Interim Green Rate Pool on a weighted average basis, if necessary). (T)
- b. An entry equal to the balance in the Western Renewable Energy Generation Information System (WREGIS) and California Independent System Operator (CAISO) Grid Subaccount, which shall include:
 - i. WREGIS Charge and CAISO Grid Charge revenues (credit), as recorded, less (T)
 - ii. A provision for FF&U, plus (N)
 - iii. WREGIS costs (debit), which include fees assessed by WREGIS for registration, tracking and retirement of renewable energy credits (RECs) associated with generation for GTSR Program subscriptions, calculated by multiplying the total \$/kWh WREGIS charge by the actual kWh delivered under all GTSR Program customer subscriptions, plus (T)
 - iv. CAISO costs (debit), calculated by multiplying all applicable CAISO-determined \$/kWh grid charges, including the market services charge, the system operations charge, the congestion revenue rights service charge, and the eligible intermittent resources forecast fee, by the actual kWh delivered under all GTSR Program customer subscriptions. (T)

(Continued)

(To be inserted by utility)

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 Decision 15-01-051

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PRELIMINARY STATEMENT

Sheet 3

(Continued)

GG. GREEN TARIFF SHARED RENEWABLES BALANCING ACCOUNT (GTSRBA)

3. Operation of the GTSRBA (continued)

Entries to the GTSRBA shall be determined as follows (on a monthly, quarterly or annual basis as recorded data is available): (continued)

- c. An entry equal to the balance in the Renewables Integration Cost Charge Subaccount, which shall be set at zero until such time as a Renewables Integration Cost Charge can be calculated as authorized by the Commission.
- d. An entry equal to the balance in the Green Rate Resource Adequacy (RA) Subaccount, which shall include:
 - i. RA Adjustment (net of RA Credit and RA Charge) revenues, as recorded, less (T)
 - ii. A provision for FF&U, plus (N)
 - iii. RA costs (debit), which include costs incurred by SCE to ensure sufficient RA to serve the Green Rate program subscriptions, calculated by multiplying 115 percent by the RA cents per kWh rate adopted per the Cost Responsibility Surcharge by the actual kWh delivered under Green Rate customer subscriptions, plus (T)
 - iv. RA value (credit), which includes the RA value that SCE receives from the Green Rate program resources, calculated by multiplying the ratio of the Net Qualifying Capacity (NQC) of all Interim Green Rate Pool resources to the total MW capacity of all Interim Green Rate Pool resources with the RA cents per kWh rate adopted per the Cost Responsibility Surcharge, by the actual kWh delivered under all Green Rate customer subscriptions. Once Green Rate Dedicated Procurement Projects achieve commercial operation, the RA value will include the RA value that SCE receives from the Green Rate Dedicated Procurement Projects, calculated by multiplying the ratio of the NQC of the Green Rate Dedicated Procurement Projects to the total MW capacity of the Green Rate Dedicated Procurement Projects with the RA cents per kWh rate adopted per the Cost Responsibility Surcharge, by the actual kWh delivered under all Green Rate customer subscriptions (averaged with RA value of projects from the Interim Green Rate Pool on a weighted average basis, if necessary). (T)
- e. An entry equal to the balance in the CR RA Subaccount, which shall include:
 - i. RA Adjustment (net of RA Credit and RA Charge) revenues, as recorded, less (T)
 - ii. A provision for FF&U, plus (N)
 - iii. RA costs (debit), which include costs incurred by SCE to ensure sufficient RA to serve each CR facility's subscriptions, calculated by multiplying 115 percent by the RA cents per kWh rate adopted per the Cost Responsibility Surcharge by each CR facility's subscriptions, plus (T)

(Continued)

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PRELIMINARY STATEMENT

Sheet 4

(Continued)

GG. GREEN TARIFF SHARED RENEWABLES BALANCING ACCOUNT (GTSRBA)

3. Operation of the GTSRBA (continued)

e. An entry equal to the balance in the CR RA Subaccount, which shall include:
(continued)iv. RA value (credit), which includes the RA value that SCE receives (T)
from each CR facility, calculated by multiplying the NQC of each CR
facility with the RA cents per kWh rate adopted per the Cost
Responsibility Surcharge.

Interest will be calculated by applying the Interest Rate to the average of the beginning-of-month and end-of-month GTSRBA balance. The sum of (a) through (e), including interest and less Franchise Fees and Uncollectible (FF&U) expenses, equals the activity recorded in the GTSRBA each month.

4. Disposition of GTSRBA Balance

Any annual GTSRBA over-collection or under-collection in each year over the life of the offering will be addressed in SCE's annual Energy Resource Recovery Account (ERRA) Forecast proceeding, a Tier 2 advice letter or by separate application where the components of the Green Rate and CR option charges will also be updated annually, unless otherwise provided in Schedules GTSR-GR or GTSR-CR. The balance forecast to be recorded in the GTSRBA subaccounts on December 31st of the current year shall be included in the forecast of the GTSR Program rate components (if applicable) for the subsequent year to be either returned to, or recovered from, eligible GTSR Program participants only.

5. GTSRBA Review Procedures

SCE will include the recorded operation of the GTSRBA for the previous year in SCE's annual ERRA review applications. This review of the GTSRBA will ensure that the entries made in the GTSRBA are stated correctly and are consistent with Commission decisions.

(To be inserted by utility)

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Schedule GTSR-CR Sheet 2
GREEN TARIFF SHARED RENEWABLES COMMUNITY RENEWABLES

(Continued)

RATES

All charges and provisions of the Customer's Otherwise Applicable Tariff (OAT) apply, except that the total amount billed to the Customer by SCE shall be adjusted by applying the following additional credits and charges on a dollar per kilowatt-hour (\$/kWh) basis to the Customer's Subscription, as defined below. A breakdown of individual credits and charges and the historical trends and non-binding forecasts for each to the extent they are available can be found on SCE's GTSR Program webpage.

Component	(\$/kWh)
Community Renewables Credit	
Class Average Generation Credit	
Residential	0.07736 (I)
TOU-GS-1	0.07672 (I)
TOU-GS-2	0.06860 (I)
TOU-GS-3	0.06507 (I)
TOU-8-Sec	0.06075 (I)
TOU-8-Pri	0.05712 (I)
TOU-8-Sub	0.05149 (I)
TOU-8-S-Sec	0.06116 (I)
TOU-8-S-Pri	0.05801 (I)
TOU-8-S-Sub	0.05056 (I)
TOU-PA-2	0.06009 (I)
TOU-PA-3	0.05192 (I)
Street and Area Lighting	0.04060 (I)
TC-1	0.05866 (I)
Renewable Energy Value Adjustment	CR Facility Specific
Community Renewables Charge	
RPR	0.00000
GTSR Indifference Adjustment	See Schedule DA-CRS
CAISO Grid & WREGIS Charges	0.00050
RA Adjustment	CR Facility Specific
Program Administration Charge	0.00466 (R)
RIC Charge	0.00000

1. Credits. All of the following components appear in aggregate as the "Community Renewables Credit" under the Generation section of the Customer's regular billing statement from SCE and are updated annually as part of SCE's Energy Resource Recovery Account (ERRA) proceeding.
 - a. Class Average Generation Credit: Based on the class average retail generation rate as established in SCE's Commission-approved tariffs for the class to which the Customer's OAT belongs. In addition to the ERRA proceeding, this component will be updated whenever there is a substantial change to the generation revenue requirement, such as the implementation of Phase 1 of a General Rate Case.

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Schedule GTSR-GR
GREEN TARIFF SHARED RENEWABLES GREEN RATE

Sheet 2

(Continued)

RATES

All charges and provisions of the Customer's Otherwise Applicable Tariff (OAT) apply, except that the total amount billed to the Customer shall be adjusted by applying the following additional credits and charges on a dollar per kilowatt-hour (\$/kWh) basis to the Customer's Subscription, as defined below. A breakdown of all individual credits and charges and the historical trends and non-binding forecasts for each to the extent they are available can be found on SCE's GTSR Program webpage.

Component	(\$/kWh)
Green Rate Credit	
Class Average Generation Credit	
Residential	0.07736 (I)
TOU-GS-1	0.07672 (I)
TOU-GS-2	0.06860 (I)
TOU-GS-3	0.06507 (I)
TOU-8-Sec	0.06075 (I)
TOU-8-Pri	0.05712 (I)
TOU-8-Sub	0.05149 (I)
TOU-8-S-Sec	0.06116 (I)
TOU-8-S-Pri	0.05801 (I)
TOU-8-S-Sub	0.05056 (I)
TOU-PA-2	0.06009 (I)
TOU-PA-3	0.05192 (I)
Street and Area Lighting	0.04060 (I)
TC-1	0.05866 (I)
Renewable Energy Value Adjustment	
Residential	(0.00895) (R)
TOU-GS-1	(0.00541) (R)
TOU-GS-2	(0.00479) (R)
TOU-GS-3	(0.00401) (R)
TOU-8-Sec	(0.00351) (R)
TOU-8-Pri	(0.00313) (R)
TOU-8-Sub	(0.00242) (R)
TOU-8-S-Sec	(0.00350) (R)
TOU-8-S-Pri	(0.00342) (R)
TOU-8-Sub	(0.00228) (R)
TOU-PA-2	(0.00331) (R)
TOU-PA-3	(0.00277) (R)
Street and Area Lighting	(0.00288) (R)
TC-1	(0.00245) (R)
Green Rate Charge	
RPR	0.08448 (R)
GTSR Indifference Adjustment	See Schedule DA-CRS
CAISO Grid & WREGIS Charges	0.00050
RA Adjustment	0.00699 (I)
Program Administration Charge	0.01011 (I)
RIC Charge	0.00000

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ATTACHMENT B

GTSR Program Rate Component Workpapers

Renewable Power Rate
And
Resource Adequacy Charge

Generation Rate (Cents/kWh)

Portfolio	2017	2018	2019	2020	2021
All qualified projects excluding pre 1/1/2014	8.35068	8.41149	8.40176	8.43622	8.54176

RA Charge (Cents/kWh)

Portfolio	2017	2018	2019	2020	2021
All qualified projects excluding pre 1/1/2014	0.69111	0.68466	0.68952	0.68952	0.68952

Generation Rate, grossed up for Franchise Fees and Uncollectibles expense (\$/kWh)

Portfolio	2017	2018	2019	2020	2021
All qualified projects excluding pre 1/1/2014	0.08448	0.08509	0.08499	0.08534	0.08641

RA Charge, grossed up for Franchise Fees and Uncollectibles expense (\$/kWh)

Portfolio	2017	2018	2019	2020	2021
All qualified projects excluding pre 1/1/2014	0.00699	0.00693	0.00698	0.00698	0.00698

PCIA and CTC Rates**Rates Effective 1/1/2017 (2017 ERRR Rates, 2015 Vintage Non-Continuous) - \$/kWh**

	Rate Group	DWRBC ^[1]	CTC ^[2]	PCIA-URG	UC ^[3]	Total
Domestic	Residential	0.00549	(0.00145)	0.00887	0.00000	0.01291
Lighting-SM Med Power						
Small C&I (<20 kW)	GS-1	0.00549	(0.00119)	0.00726	0.00000	0.01156
Traffic Control	TC-1	0.00549	(0.00065)	0.00398	0.00000	0.00882
Medium C&I (20-200 kW)	GS-2	0.00549	(0.00110)	0.00674		0.01113
Medium C&I (200-500 kW)	TOU-GS	0.00549	(0.00098)	0.00599		0.01050
Large Power						
Large C&I (Sec)	TOU-8-Sec	0.00549	(0.00085)	0.00522		0.00986
Large C&I (Pri)	TOU-8-Pri	0.00549	(0.00074)	0.00451		0.00926
Large C&I (Sub)	TOU-8-Sub	0.00549	(0.00063)	0.00387		0.00873
Agricultural & Pumping						
Small Ag & Pump (<200 kW)	TOU PA-2	0.00549	(0.00100)	0.00609	0.00000	0.01058
Small Ag & Pump (≥200 kW)	TOU PA-3	0.00549	(0.00074)	0.00456	0.00000	0.00931
Total Street & Area Lighting	STLights	0.00549	0.00000	0.00001	0.00000	0.00550
Large Power - Standby						
Standby (Sec)	TOU-8-Sec-S	0.00549	(0.00075)	0.00461		0.00935
Standby (Pri)	TOU-8-Pri-S	0.00549	(0.00101)	0.00615		0.01063
Standby (Sub)	TOU-8-Sub-S	0.00549	(0.00056)	0.00340		0.00833

[1] DWRBC: Department of Water Resources (DWR) Bond Charge. The DWR Bond Charge is not applicable to exempt Bundled Service and Direct Access Customers, as defined in and pursuant to D.02-10-063, D.02-02-051, and D.02-12-082.

[2] CTC: A non-bypassable charge applicable to all existing and future SCE Bundled Service Customers, all Direct Access Customers, and all Departing Load Customers for recovery of SCE's transition costs.

[3] UC: Uncollection of charges for DA-CRS

PCIA and CTC Rates**Rates Effective 1/1/2017 (2017 ERRR Rates, 2016 Vintage Non-Continuous) - \$/kWh**

	Rate Group	DWRBC ^[1]	CTC ^[2]	PCIA-URG	UC ^[3]	Total
Domestic	Residential	0.00549	(0.00145)	0.00887	0.00000	0.01291
Lighting-SM Med Power						
Small C&I (<20 kW)	GS-1	0.00549	(0.00119)	0.00726	0.00000	0.01156
Traffic Control	TC-1	0.00549	(0.00065)	0.00398	0.00000	0.00882
Medium C&I (20-200 kW)	GS-2	0.00549	(0.00110)	0.00674		0.01113
Medium C&I (200-500 kW)	TOU-GS	0.00549	(0.00098)	0.00599		0.01050
Large Power						
Large C&I (Sec)	TOU-8-Sec	0.00549	(0.00085)	0.00522		0.00986
Large C&I (Pri)	TOU-8-Pri	0.00549	(0.00074)	0.00451		0.00926
Large C&I (Sub)	TOU-8-Sub	0.00549	(0.00063)	0.00387		0.00873
Agricultural & Pumping						
Small Ag & Pump (<200 kW)	TOU PA-2	0.00549	(0.00100)	0.00609	0.00000	0.01058
Small Ag & Pump (≥200 kW)	TOU PA-3	0.00549	(0.00074)	0.00456	0.00000	0.00931
Total Street & Area Lighting	STLights	0.00549	0.00000	0.00001	0.00000	0.00550
Large Power - Standby						
Standby (Sec)	TOU-8-Sec-S	0.00549	(0.00075)	0.00461		0.00935
Standby (Pri)	TOU-8-Pri-S	0.00549	(0.00101)	0.00615		0.01063
Standby (Sub)	TOU-8-Sub-S	0.00549	(0.00056)	0.00340		0.00833

[1] DWRBC: Department of Water Resources (DWR) Bond Charge. The DWR Bond Charge is not applicable to exempt Bundled Service and Direct Access Customers, as defined in and pursuant to D.02-10-063, D.02-02-051, and D.02-12-082.

[2] CTC: A non-bypassable charge applicable to all existing and future SCE Bundled Service Customers, all Direct Access Customers, and all Departing Load Customers for recovery of SCE's transition costs.

[3] UC: Uncollection of charges for DA-CRS

PCIA and CTC Rates**Rates Effective 1/1/2017 (2017 ERRR Rates, 2017 Vintage Non-Continuous) - \$/kWh**

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Traffic Control	TC-1	0.00549	(0.00065)	0.00398	0.00000	0.00882
Medium C&I (20-200 kW)	GS-2	0.00549	(0.00110)	0.00674		0.01113
Medium C&I (200-500 kW)	TOU-GS	0.00549	(0.00098)	0.00599		0.01050
Large Power						
Large C&I (Sec)	TOU-8-Sec	0.00549	(0.00085)	0.00522		0.00986
Large C&I (Pri)	TOU-8-Pri	0.00549	(0.00074)	0.00451		0.00926
Large C&I (Sub)	TOU-8-Sub	0.00549	(0.00063)	0.00387		0.00873
Agricultural & Pumping						
Small Ag & Pump (<200 kW)	TOU PA-2	0.00549	(0.00100)	0.00609	0.00000	0.01058
Small Ag & Pump (≥200 kW)	TOU PA-3	0.00549	(0.00074)	0.00456	0.00000	0.00931
Total Street & Area Lighting	STLights	0.00549	0.00000	0.00001	0.00000	0.00550
Large Power - Standby						
Standby (Sec)	TOU-8-Sec-S	0.00549	(0.00075)	0.00461		0.00935
Standby (Pri)	TOU-8-Pri-S	0.00549	(0.00101)	0.00615		0.01063
Standby (Sub)	TOU-8-Sub-S	0.00549	(0.00056)	0.00340		0.00833

[1] DWRBC: Department of Water Resources (DWR) Bond Charge. The DWR Bond Charge is not applicable to exempt Bundled Service and Direct Access Customers, as defined in and pursuant to D.02-10-063, D.02-02-051, and D.02-12-082.

[2] CTC: A non-bypassable charge applicable to all existing and future SCE Bundled Service Customers, all Direct Access Customers, and all Departing Load Customers for recovery of SCE's transition costs.

[3] UC: Uncollection of charges for DA-CRS

CAISO Charge

	Market Service Charge	Systems Operations Charge	CRR Services Charge	EIR Forecast Fee	Sum	CAISO (grossed up for Franchise Fee & Uncollectibles (FF&U) Expense
Cost per MWh	0.08480	0.29510	0.00650	0.10000	0.48640	0.49205
Cost per kWh	0.00008	0.00030	0.00001	0.00010	0.00049	0.00049

Comparison of Rates
(\$ per unit)

Charge Code	Service Category	2017 Rate	2016 Rate	\$ Variance	Comments
4560	Market Service Charge	\$0.0848	\$0.0850	(\$0.0002)	Insignificant change from prior year
4561	Systems Operations Charge	\$0.2951	\$0.2979	(\$0.0028)	Insignificant change from prior year
4562	CRR Services Charge	\$0.0065	\$0.0049	\$0.0016	12% lower volume projected for 2017

Source: CAISO. "Comparison of Rates (\$ per unit)." 2017 Budget and Grid management Charge Rates Prelim - Draft. Sep 06, 2016. pp. 57.

http://www.caiso.com/Documents/FiscalYear2017PreliminaryBudget_GridManagementChargeRatesBook.pdf

Outsourced and other contracts combined increased to \$5.9 million in 2017 from \$5.4 million in 2016. This increase represents a change within the Technology division as the Software as a Service (SaaS) model becomes increasingly more commonplace for applications. The other large component of this resource category is our forecasting fees. These are expected to remain unchanged for 2017 when compared to 2016. Intermittent resources pay a forecasting fee to the ISO of 10 cents per megawatt of generation. Such fees are budgeted for a total of \$2.1 million in 2017. These fees received from the variable resources are included in other costs and revenues to offset the related forecasting costs.

Source: CAISO. "Comparison of Rates (\$ per unit)." 2017 Budget and Grid management Charge Rates Prelim - Draft. Sep 06, 2016. pp. 21.

http://www.caiso.com/Documents/FiscalYear2017PreliminaryBudget_GridManagementChargeRatesBook.pdf

WREGIS Charge

	Issuance Fee	Retirement Fee	WREGIS	WREGIS (grossed up for Franchise Fee & Uncollectibles (FF&U) Expense)
Cost per REC (REC required for each MWh)	0.005	0.005	0.01	0.01012
Cost per kWh	0.000005	0.000005	0.00001	0.00001

WREGIS FEE MATRIX

Annual and Volumetric Fees					
Annual Fees are calculated by the total Megawatts produced by all of the Generating Units in a WREGIS Account	Total GU Size Per WREGIS Account	Annual	Issuance	Transfer	Retire, Reserve or Export
GU Micro	30 KW or Less	\$75.00	None	None	None
GU Small	30 KW - 1 MW	\$100.00	None	None	None
GU Medium	1 MW - 10 MW	\$350.00	None	None	None
GU Large	10 MW or More	\$675.00	\$0.005 / Certificate	\$0.005 / Certificate	\$0.005 / Certificate
Load Serving Entities		\$675.00	\$0.005 / Certificate	\$0.005 / Certificate	\$0.005 / Certificate
Retail Marketers		\$675.00	\$0.005 / Certificate	\$0.005 / Certificate	\$0.005 / Certificate
Wholesale Marketers		\$675.00	\$0.005 / Certificate	\$0.005 / Certificate	\$0.005 / Certificate
Utility Aggregators		\$675.00	\$0.005 / Certificate	\$0.005 / Certificate	\$0.005 / Certificate
Generator Aggregators		\$675.00	\$0.005 / Certificate	\$0.005 / Certificate	\$0.005 / Certificate
Account Holder: Other		\$675.00	\$0.005 / Certificate	\$0.005 / Certificate	\$0.005 / Certificate
Reports and Other Service Fees					
Report / Service Type	Email	Hardcopy	Monthly	Per Transaction	
Authorized Report	\$25.00	\$50.00			
WREGIS Deliverability (e-Tag) User			\$212.00		
Change Control					Variable
Wire Transfer					\$10.00
Fuel and/or Aggregated Meter Modifications (per generator and vintage)					\$75.00
Failure to complete Generating Unit Annual Review (per generator)					\$50.00

Source: WECC. "WREGIS Fee Matrix." WREGIS System User Training. Oct 13, 2016. pp. 143. <https://www.wecc.biz/Administrative/WREGIS%20User%20Training%20Slides.pdf>

Attachment B – GTSR Program Rate Component Workpapers

Administration and Marketing, Education & Outreach (ME&O) Charges

Southern California Edison

Green Tariff Shared Renewables

Proposed Rates for Administration and Marketing Costs

		Green Tariff & Enhanced Community Renewables	Green Tariff	Enhanced Community Renewables
Line No	Item	2017 Administration Costs	2017 Marketing Costs	2017 Marketing Costs
1	Operating Revenues	\$ 79,591	\$ 127,998	\$ 2,023
2	Operating Expenses:			
3	2017 O&M Expenses	\$ 19,200	\$ 63,573	\$ 2,000
4	Prior Year Memo Account Balance, Including set-up costs (recorded 2015 through Sept 2016)	\$ 59,488	\$ 62,973	\$ -
5	Uncollectible Expense (0.238%) ^(a)	\$ 187	\$ 301	\$ 5
6	Franchise Requirements (0.9095%) ^(a)	\$ 716	\$ 1,151	\$ 18
7	Depreciation			
8	Taxes Other Than Income			
9	Taxes Based on Income			
10	Total Operating Expenses	\$ 79,591	\$ 127,998	\$ 2,023
11	Net Operating Revenue	\$ -	\$ -	\$ -
12	Rate Base (Average)	\$ -	\$ -	\$ -
13	Rate of Return ^(b)	7.90%	7.90%	7.90%

Notes:

(a) gross-up factor based on CPUC GRC D.15-11-021

(b) based on Cost of Capital D.12-12-034

Attachment B – GTSR Program Rate Component Workpapers

Rates Calculation		Green Tariff & Enhanced Community Renewables	Green Tariff	Enhanced Community Renewables
Line No	Item	2017 Administration Costs	2017 Marketing Costs	2017 Marketing Costs
1	Operating Revenues	\$ 79,591	\$ 127,998	\$ 2,023
2	Total kWh	21,801,457	19,804,897	1,996,560
3	Rate per kWh (2017)	0.00365	0.00646	0.00101

Class Average Generation Credit

Estimates of Class Average Generation Rate taking effect on 01/01/2017

Line No.		Rate Schedule By Customer Group	Class Average Gen. Rate
1	Domestic		
2		Residential	\$ 0.07736
3			
4	Lighting-SM Med Power		
5	Small C&I (<20 kW)	GS-1	\$ 0.07672
6	Medium C&I (20-200 kW)	GS-2	\$ 0.06860
7	Traffic Control	TC-1	\$ 0.05866
8	Medium C&I (200-500 kW)	TOU-GS	\$ 0.06507
9			
10	Large Power		
11	Large C&I (Sec)	TOU-8-Sec	\$ 0.06075
12	Large C&I (Pri)	TOU-8-Pri	\$ 0.05712
13	Large C&I (Sub)	TOU-8-Sub	\$ 0.05149
14	Standby (Sec)	TOU-8-Sec-S	\$ 0.06116
15	Standby (Pri)	TOU-8-Pri-S	\$ 0.05801
16	Standby (Sub)	TOU-8-Sub-S	\$ 0.05056
17			
18	Agricultural & Pumping		
19	Small Ag & Pump (<200 kW)	TOU PA-2	\$ 0.06009
20	Small Ag & Pump (≥200 kW)	TOU PA-3	\$ 0.05192
21			
22	Total Street & Area Lighting	STLights	\$ 0.04060

Attachment B – GTSR Program Rate Component Workpapers

TOD Adjustment

Rate Group	Normalized Difference Between Class and Generator [\$]	Total Cost of Serving Class [\$]	TOD Adjustment Factor	1/1/16 Rates Class Avg Gen Rate [\$/kWh]	TOD Adjustment [\$/kWh]	TOD Adjustment, grossed up for Franchise Fees & Uncollectibles (FF&U) Expenses [\$/kWh]
Residential	(35,339)	308,999	-11.4366%	0.07736	(0.00885)	(0.00895)
TOU PA-2	(15,771)	289,431	-5.4491%	0.06009	(0.00327)	(0.00331)
TOU PA-3	(15,231)	288,891	-5.2723%	0.05192	(0.00274)	(0.00277)
GS-1	(20,515)	294,175	-6.9738%	0.07672	(0.00535)	(0.00541)
TC-1	(11,774)	285,434	-4.1248%	0.05866	(0.00242)	(0.00245)
GS-2	(20,308)	293,968	-6.9082%	0.06860	(0.00474)	(0.00479)
TOU-GS	(17,739)	291,399	-6.0874%	0.06507	(0.00396)	(0.00401)
TOU-8-Sec	(16,601)	290,261	-5.7194%	0.06075	(0.00347)	(0.00351)
TOU-8-Pri	(15,694)	289,354	-5.4239%	0.05712	(0.00310)	(0.00313)
TOU-8-Sub	(13,324)	286,984	-4.6428%	0.05149	(0.00239)	(0.00242)
TOU-8-Sec-S	(16,396)	290,056	-5.6528%	0.06116	(0.00346)	(0.00350)
TOU-8-Pri-S	(16,957)	290,617	-5.8347%	0.05801	(0.00338)	(0.00342)
TOU-8-Sub-S	(12,768)	286,428	-4.4576%	0.05056	(0.00225)	(0.00228)
StLights	(20,619)	294,279	-7.0065%	0.04060	(0.00284)	(0.00288)

CONFIDENTIAL ATTACHMENT C

Interim Green Tariff Pool Projects
Confidential Protected Materials – Public Disclosure Prohibited

PUBLIC ATTACHMENT C

Interim Green Tariff Pool Projects

Attachment C: Public List of Interim Green Tariff Pool Projects

Technology	Project ID	Project Name	Location	Date Original Contract Signed	Contract Status	Actual / Expected Online Date	Firm Oper Date	Termination Date	County Location	Territory	Contract Capacity (MW)	Expected Energy in 2017 (MWh)	Expected 2017 PPA Payment (\$000)
Solar PV	5447	FTS Master Tenant 1, LLC (LDFRB)	Lancaster, CA	11/15/10	Online			1/31/35	Los Angeles County, CA	SCE	5.00		
Solar PV	5459	Victor Dry Farm Ranch A, LLC	Victorville, CA	11/15/10	Online			7/31/35	San Bernardino County, CA	SCE	5.00		
Solar PV	5460	Victor Dry Farm Ranch B, LLC	Victorville, CA	11/15/10	Online			7/31/35	San Bernardino County, CA	SCE	5.00		
Solar PV	5463	Central Antelope Dry Ranch C, LLC	Lancaster, CA	11/15/10	CPUC Approved			6/30/36	Los Angeles County, CA	SCE	20.00		
Solar PV	5468	North Lancaster Ranch, LLC	Lancaster, CA	11/15/10	CPUC Approved			1/31/37	Los Angeles County, CA	SCE	20.00		
Solar PV	5469	Sierra Solar Greenworks, LLC	Lancaster, CA	11/15/10	CPUC Approved			12/31/35	Los Angeles County, CA	SCE	20.00		
Solar PV	5476	American Solar Greenworks, LLC	Lancaster, CA	11/15/10	CPUC Approved			8/31/36	Los Angeles County, CA	SCE	6.50		
Solar PV	5485	Nicolis, LLC	Tulare County, CA	11/15/10	CPUC Approved			10/31/36	Tulare County, CA	SCE	20.00		
Solar PV	5488	Garnet Solar Pwr Gen Station 1, LLC	North Palm Springs, CA	11/15/10	Online			1/31/35	Riverside County, CA	SCE	4.00		
Solar PV	5490	Tropico, LLC	Tulare County, CA	11/15/10	CPUC Approved			10/31/36	Tulare County, CA	SCE	14.00		

Technology	Project ID	Project Name	Location	Date Original Contract Signed	Contract Status	Actual / Expected Online Date	Firm Oper Date	Termination Date	County Location	Territory	Contract Capacity (MW)	Expected Energy in 2017 (MWh)	Expected 2017 PPA Payment (\$000)
Solar PV	5493	RE Columbia 3 LLC	Mojave, CA	11/15/10	Online			2/28/34	Kern County, CA	SCE	10.00		
Solar PV	5549	Voyager Solar 1, LLC	Palmdale, CA	1/26/12	Online			1/31/34	Los Angeles County, CA	SCE	1.50		
Solar PV	5550	Voyager Solar 2, LLC	Palmdale, CA	1/26/12	Online			1/31/34	Los Angeles County, CA	SCE	1.50		
Solar PV	5551	Voyager Solar 3, LLC	Palmdale, CA	1/26/12	Online			1/31/34	Los Angeles County, CA	SCE	1.00		
Solar PV	5477	FTS Master Tenant 1, LLC (ESA)	Victorville, CA	2/13/12	Online			5/31/34	San Bernardino County, CA	SCE	2.00		
Solar PV	5478	FTS Master Tenant 1, LLC (ESB)	Victorville, CA	2/13/12	Online			5/31/34	San Bernardino County, CA	SCE	2.00		
Solar PV	5570	Summer Solar C2, LLC	Lancaster, CA	6/6/12	Online			6/30/34	Los Angeles County, CA	SCE	1.50		
Solar PV	5571	Summer Solar D2, LLC	Lancaster, CA	6/6/12	Online			8/31/34	Los Angeles County, CA	SCE	1.00		
Solar PV	5572	Summer Solar A2 LLC	Lancaster, CA	6/6/12	Online			6/30/34	Los Angeles County, CA	SCE	1.50		
Solar PV	5573	Summer Solar B2, LLC	Lancaster, CA	6/6/12	Online			6/30/34	Los Angeles County, CA	SCE	1.50		
Solar PV	5574	FTS Master Tenant 1 LLC (Rodeo Solar C2)	Lancaster, CA	6/6/12	Online			6/30/34	Los Angeles County, CA	SCE	1.50		
Solar PV	5578	FTS Master Tenant 1 LLC	Lancaster, CA	6/6/12	Online			6/30/34	Los Angeles County, CA	SCE	1.50		

Technology	Project ID	Project Name	Location	Date Original Contract Signed	Contract Status	Actual / Expected Online Date	Firm Oper Date	Termination Date	County Location	Territory	Contract Capacity (MW)	Expected Energy in 2017 (MWh)	Expected 2017 PPA Payment (\$000)
		(Rodeo Solar D2)											
Solar PV	5585	Expressway Solar C2, LLC	Adelanto, CA	6/6/12	Online			11/30/34	San Bernardino County, CA	SCE	1.50		
Solar PV	5587	Tulare PV I, LLC (Exeter 1)	Exeter, CA	7/20/12	Online			2/28/34	Tulare County, CA	SCE	1.00		
Solar PV	5588	Tulare PV I, LLC (Exeter 2)	Exeter, CA	7/20/12	Online			2/28/34	Tulare County, CA	SCE	1.00		
Solar PV	5589	Tulare PV I, LLC (Exeter 3)	Exeter, CA	7/20/12	Online			2/28/34	Tulare County, CA	SCE	1.50		
Solar PV	5590	Tulare PV I, LLC (Lindsay 1)	Lindsay, CA	7/20/12	Online			1/31/34	Tulare County, CA	SCE	1.50		
Solar PV	5591	Tulare PV I, LLC (Lindsay 3)	Lindsay, CA	7/20/12	Online			1/31/34	Tulare County, CA	SCE	1.50		
Solar PV	5592	Tulare PV I, LLC (Lindsay 4)	Lindsay, CA	7/20/12	Online			1/31/34	Tulare County, CA	SCE	1.00		
Solar PV	5597	Tulare PV I, LLC (Ivanhoe 1)	Visalia, CA	7/20/12	Online			1/31/34	Tulare County, CA	SCE	1.50		
Solar PV	5598	Tulare PV I, LLC (Ivanhoe 2)	Visalia, CA	7/20/12	Online			1/31/34	Tulare County, CA	SCE	0.50		
Solar PV	5599	Tulare PV I, LLC (Ivanhoe 3)	Visalia, CA	7/20/12	Online			1/31/34	Tulare County, CA	SCE	1.50		
Solar PV	5600	Tulare PV I, LLC (Porterville 1)	Porterville, CA	7/20/12	Online			1/31/34	Tulare County, CA	SCE	1.00		
Solar PV	5601	Tulare PV I, LLC	Porterville, CA	7/20/12	Online			1/31/34	Tulare County, CA	SCE	1.00		

Technology	Project ID	Project Name	Location	Date Original Contract Signed	Contract Status	Actual / Expected Online Date	Firm Oper Date	Termination Date	County Location	Territory	Contract Capacity (MW)	Expected Energy in 2017 (MWh)	Expected 2017 PPA Payment (\$000)
		(Porterville 2)											
Solar PV	5602	Tulare PV I, LLC (Porterville 5)	Porterville, CA	7/20/12	Online			1/31/34	Tulare County, CA	SCE	1.50		
Solar PV	5603	Sequoia PV 1, LLC (Tulare 1)	Tulare, CA	7/20/12	Online			1/31/34	Tulare County, CA	SCE	1.50		
Solar PV	5604	Sequoia PV 1, LLC (Tulare 2)	Tulare, CA	7/20/12	Online			1/31/34	Tulare County, CA	SCE	1.50		
Solar PV	5605	Kettering 1	Lancaster, CA	7/20/12	Online			7/31/34	Los Angeles County, CA	SCE	1.00		
Solar PV	5606	Kettering 2	Lancaster, CA	7/20/12	Online			7/31/34	Los Angeles County, CA	SCE	1.00		
Solar PV	5607	Division 1	Lancaster, CA	7/20/12	Online			6/30/34	Los Angeles County, CA	SCE	1.50		
Solar PV	5609	Division 2	Lancaster, CA	7/20/12	Online			6/30/34	Los Angeles County, CA	SCE	1.00		
Solar PV	5610	Division 3	Lancaster, CA	7/20/12	Online			6/30/34	Los Angeles County, CA	SCE	1.00		
Solar PV	5622	Lone Valley Solar Park II, LLC	Lucerne Valley, CA	8/29/12	Online			11/30/34	San Bernardino County, CA	SCE	20.00		
Solar PV	5619	Sequoia PV 1 LLC (Farmersville 1)	Farmersville, CA	8/30/12	Online			7/31/34	San Bernardino County, CA	SCE	1.50		
Solar PV	5620	Sequoia PV 1 LLC (Farmersville 2)	Farmersville, CA	8/30/12	Online			7/31/34	San Bernardino County, CA	SCE	1.50		
Solar PV	5631	Sequoia PV 1 LLC (Farmersville 3)	Farmersville, CA	8/30/12	Online			7/31/34	San Bernardino County, CA	SCE	1.50		
Solar PV	5645	Sequoia PV 3 LLC	Porterville, CA	8/30/12	Online			7/31/34	Tulare County, CA	SCE	1.50		

Technology	Project ID	Project Name	Location	Date Original Contract Signed	Contract Status	Actual / Expected Online Date	Firm Oper Date	Termination Date	County Location	Territory	Contract Capacity (MW)	Expected Energy in 2017 (MWh)	Expected 2017 PPA Payment (\$000)
		(Porterville 6)											
Solar PV	5646	Sequoia PV 3 LLC (Porterville 7)	Porterville, CA	8/30/12	Online			7/31/34	Tulare County, CA	SCE	1.50		
Solar PV	5650	DG Solar Lessee, LLC	Hesperia, CA	9/27/12	Online			8/31/34	San Bernardino County, CA	SCE	1.50		
Solar PV	5656	DG Solar Lessee, LLC (Duncan Rd North)	Phelan, CA	10/5/12	Online			10/31/34	San Bernardino County, CA	SCE	1.50		
Solar PV	5657	DG Solar Lessee, LLC (Duncan Rd South)	Phelan, CA	10/5/12	Online			10/31/34	San Bernardino County, CA	SCE	1.00		
Solar PV	5621	Lone Valley Solar Park I, LLC	Lucerne Valley, CA	10/17/12	Online			11/30/34	San Bernardino County, CA	SCE	10.00		
Solar PV	5659	Victor Mesa Linda B2 LLC	Victorville, CA	11/20/12	Online			11/30/34	San Bernardino County, CA	SCE	1.50		
Solar PV	5660	Victor Mesa Linda C2 LLC	Victorville, CA	11/20/12	Online			11/30/34	San Bernardino County, CA	SCE	1.50		
Solar PV	5661	Victor Mesa Linda D2 LLC	Victorville, CA	11/20/12	Online			11/30/34	San Bernardino County, CA	SCE	1.50		
Solar PV	5662	Victor Mesa Linda E2 LLC	Victorville, CA	11/20/12	Online			11/30/34	San Bernardino County, CA	SCE	1.50		
Solar PV	5667	Sequoia PV 2, LLC	Hanford, CA	11/20/12	Online			8/31/34	Kings County, CA	SCE	1.50		

Technology	Project ID	Project Name	Location	Date Original Contract Signed	Contract Status	Actual / Expected Online Date	Firm Oper Date	Termination Date	County Location	Territory	Contract Capacity (MW)	Expected Energy in 2017 (MWh)	Expected 2017 PPA Payment (\$000)
		(Hanford 1)											
Solar PV	5668	Sequoia PV 2, LLC (Hanford 2)	Hanford, CA	11/20/12	Online			8/31/34	Kings County, CA	SCE	1.50		
Solar PV	5692	Mitchell Solar, LLC	Silver Lakes, CA	12/7/12	Online			12/31/34	San Bernardino County, CA	SCE	1.50		
Solar PV	5693	Rudy Solar, LLC	Silver Lakes, CA	12/7/12	Online			12/31/34	San Bernardino County, CA	SCE	1.50		
Solar PV	5694	Madelyn Solar, LLC	Silver Lakes, CA	12/7/12	Online			12/31/34	San Bernardino County, CA	SCE	1.50		
Solar PV	5617	Diamond Valley Solar LLC	Winchester, CA	1/15/13	Online			1/31/35	Riverside County, CA	SCE	1.25		
Solar PV	5700	CF SBC Master Tenant One LLC (Adelanto 1)	Adelanto, CA	1/15/13	Online			1/31/35	San Bernardino County, CA	SCE	1.50		
Solar PV	5701	CF SBC Master Tenant One LLC (Adelanto 2)	Adelanto, CA	1/15/13	Online			1/31/35	San Bernardino County, CA	SCE	1.50		
Solar PV	5690	DG Solar Lessee, LLC (White Rd N)	Phelan, CA	1/24/13	Online			11/30/34	San Bernardino County, CA	SCE	1.50		
Solar PV	5691	DG Solar Lessee, LLC (White Rd C)	Phelan, CA	1/24/13	Online			11/30/34	San Bernardino County, CA	SCE	1.50		
Solar PV	5695	DG Solar Lessee, LLC	Phelan, CA	1/24/13	Online			11/30/34	San Bernardino County, CA	SCE	1.50		

Technology	Project ID	Project Name	Location	Date Original Contract Signed	Contract Status	Actual / Expected Online Date	Firm Oper Date	Termination Date	County Location	Territory	Contract Capacity (MW)	Expected Energy in 2017 (MWh)	Expected 2017 PPA Payment (\$000)
		(White Rd S)											
Solar PV	5745	SEPV Palmdale East, LLC	Palmdale, CA	3/25/13	Online			7/31/35	Los Angeles County, CA	SCE	10.00		
Solar PV	5755	Catalina Solar 2, LLC	Rosamond, CA	3/25/13	Online			7/31/35	Kern County, CA	SCE	17.99		
Solar PV	5758	Adelanto Solar, LLC	Adelanto, CA	3/25/13	Online			9/30/35	San Bernardino County, CA	SCE	20.00		
Solar PV	5702	Venable Solar, LLC (North)	Blythe, CA	4/18/13	Online			4/30/35	Riverside County, CA	SCE	1.50		
Solar PV	5703	Venable Solar, LLC (South)	Blythe, CA	4/18/13	Online			4/30/35	Riverside County, CA	SCE	1.50		
Solar PV	5715	PsomasF MG Lancaster Solar CREST, LLC	Lancaster, CA	4/18/13	Online			12/31/34	Los Angeles County, CA	SCE	1.50		
Solar PV	5716	PsomasF MG Lancaster Solar CREST, LLC	Lancaster, CA	4/18/13	Online			12/31/34	Los Angeles County, CA	SCE	1.50		
Solar PV	5767	Lancaster Little Rock C LLC	Palmdale, CA	9/30/13	Online			1/31/35	Kern County, CA	SCE	5.00		
Solar PV	5774	NRG Solar Oasis LLC	Palmdale, CA	9/30/13	CPUC Approved			1/31/36	Los Angeles County, CA	SCE	20.00		
Solar PV	5778	SEPV Mojave West, LLC	Blythe, CA	9/30/13	CPUC Approved			6/30/36	Riverside County, CA	SCE	20.00		

Technology	Project ID	Project Name	Location	Date Original Contract Signed	Contract Status	Actual / Expected Online Date	Firm Oper Date	Termination Date	County Location	Territory	Contract Capacity (MW)	Expected Energy in 2017 (MWh)	Expected 2017 PPA Payment (\$000)
Solar PV	5740	Morgan Lancaster I, LLC	Lancaster, CA	12/11/13	CPUC Approved			9/29/35	Los Angeles County, CA	SCE	1.50		
Solar PV	5785	Kona Solar LLC	Riverside, CA	1/30/14	Online			3/31/35	Riverside County , CA	SCE	1.49		
Solar PV	5786	Kona Solar LLC	Ontario, CA	1/30/14	Online			3/31/35	San Bernardino County, CA	SCE	1.49		
Solar PV	5787	Kona Solar LLC	Rancho Cucamonga, CA	1/30/14	Online			4/30/35	San Bernardino County, CA	SCE	1.75		
Solar PV	5788	Antelope Valley Solar, LLC	Lancaster, CA	1/30/14	CPUC Approved			12/31/36	Los Angeles County, CA	SCE	4.41		
Solar PV	5791	Sestina Solar II, LLC	Rancho Cucamonga, CA	1/30/14	CPUC Approved			5/31/36	San Bernardino County , CA	SCE	1.00		
Solar PV	5795	SunE DB13, LLC	Ontario, CA	1/30/14	CPUC Approved			3/31/36	San Bernardino County , CA	SCE	1.00		
Solar PV	5796	SunE DB14, LLC	Pico Rivera, CA	1/30/14	CPUC Approved			11/30/35	Los Angeles County , CA	SCE	0.90		
Solar PV	5799	Golden Springs Develop. Co, LLC (Bldg H)	Santa Fe Springs, CA	1/30/14	Online			3/31/35	Los Angeles County , CA	SCE	1.50		
Solar PV	5800	Golden Springs Develop. Co, LLC (Bldg M)	Santa Fe Springs, CA	1/30/14	Online			3/31/35	Los Angeles County , CA	SCE	1.75		
Solar PV	5801	Adelanto Solar II, LLC	Adelanto, CA	1/30/14	Online			7/31/35	San Bernardino County , CA	SCE	7.00		
Solar PV	5512	Little Rock - Pham Solar, LLC	Palmdale, CA	2/21/14	CPUC Approved			12/28/35	Los Angeles County, CA	SCE	3.00		
Solar PV	5744	PVNavigator, LLC	Ontario, CA	6/23/14	CPUC Approved			12/22/36	San Bernardino County, CA	SCE	3.00		

Technology	Project ID	Project Name	Location	Date Original Contract Signed	Contract Status	Actual / Expected Online Date	Firm Oper Date	Termination Date	County Location	Territory	Contract Capacity (MW)	Expected Energy in 2017 (MWh)	Expected 2017 PPA Payment (\$000)
Solar PV	5822	Longboat Solar, LLC	Barstow, CA	10/21/14	CPUC Approved			11/30/36	San Bernardino, CA	SCE	20.00		
Solar PV	5826	Portal Ridge Solar B, LLC	Lancaster, CA	10/21/14	CPUC Approved			1/31/37	Los Angeles County, CA	SCE	20.00		
Solar PV	5834	RE Garland A, LLC	Rosamond, CA	10/21/14	CPUC Approved			9/30/36	Kern County, CA	SCE	20.00		
Solar PV	5835	SR Solis Vestal Almond, LLC	Ducor, CA	10/21/14	CPUC Approved			12/31/36	Tulare County, CA	SCE	20.00		
Solar PV	5836	SR Solis Vestal Herder, LLC	Ducor, CA	10/21/14	CPUC Approved			12/31/36	Tulare County, CA	SCE	20.00		
Solar PV	5837	SR Solis Vestal Fireman, LLC	Tulare County, CA	10/21/14	CPUC Approved			12/31/36	Tulare County, CA	SCE	20.00		
Solar PV	5838	SR Solis Crown, LLC	Ducor, CA	10/21/14	CPUC Approved			12/31/36	Tulare County, CA	SCE	15.00		
Solar PV	5840	JOSHUA TREE SOLAR FARM, LLC	Joshua Tree, CA	10/21/14	CPUC Approved			12/31/36	San Bernardino County, CA	SCE	20.00		
Solar PV	5625	US Topco Energy, Inc (Soccer Center)	Lancaster, CA	11/3/14	CPUC Approved			12/29/36	Los Angeles County, CA	SCE	3.00		
Solar PV	5629	SEPV18, LLC	Palmdale, CA	11/3/14	CPUC Approved			1/13/36	Los Angeles County, CA	SCE	2.00		
Solar PV	5748	Lancaster WAD B, LLC (REMAT)	Lancaster, CA	2/25/15	CPUC Approved			1/24/37	Los Angeles, CA	SCE	3.00		
Solar PV	5844	SunEdison Utility	Victorville, CA	3/12/15	CPUC Approved			12/31/36	San Bernardino County, CA	SCE	5.00		

Technology	Project ID	Project Name	Location	Date Original Contract Signed	Contract Status	Actual / Expected Online Date	Firm Oper Date	Termination Date	County Location	Territory	Contract Capacity (MW)	Expected Energy in 2017 (MWh)	Expected 2017 PPA Payment (\$000)
		Solutions, LLC											
Solar PV	5845	SunEdison Utility Solutions, LLC	Fontana, CA	3/12/15	CPUC Approved			12/31/36	San Bernardino County, CA	SCE	1.50		
Solar PV	5846	SunEdison Utility Solutions, LLC	Fontana, CA	3/12/15	CPUC Approved			12/31/36	San Bernardino County, CA	SCE	0.80		
Solar PV	5847	SunEdison Utility Solutions, LLC	Fontana, CA	3/12/15	CPUC Approved			12/31/36	San Bernardino County, CA	SCE	0.90		
Solar PV	5859	Boomer Solar 2 LLC	Ontario, CA	3/12/15	CPUC Approved			12/31/36	San Bernardino County, CA	SCE	1.00		
Solar PV	5860	Boomer Solar 6 LLC	La Mirada, CA	3/12/15	CPUC Approved			12/31/36	Los Angeles County, CA	SCE	0.88		
Solar PV	5861	Boomer Solar 7 LLC	Compton, CA	3/12/15	CPUC Approved			12/31/36	Los Angeles County, CA	SCE	1.20		
Solar PV	5865	Boomer Solar 12 LLC	Ontario, CA	3/12/15	CPUC Approved			12/31/36	San Bernardino County, CA	SCE	0.70		
Solar PV	5867	Boomer Solar 15 LLC	Carson, CA	3/12/15	CPUC Approved			12/31/36	Los Angeles County, CA	SCE	0.90		
Solar PV	5869	Boomer Solar 17 LLC	Montebello, CA	3/12/15	CPUC Approved			12/31/36	Los Angeles County, CA	SCE	0.88		
Solar PV	5870	Boomer Solar 18 LLC	Los Angeles, CA	3/12/15	CPUC Approved			12/31/36	Los Angeles County, CA	SCE	1.76		
Solar PV	5871	Boomer Solar 22 LLC	Carson, CA	3/12/15	CPUC Approved			12/31/36	Los Angeles County, CA	SCE	0.56		
Solar PV	5872	SunEdison Utility Solutions, LLC	Corona, CA	3/12/15	CPUC Approved			12/31/36	Riverside County, CA	SCE	1.75		

Technology	Project ID	Project Name	Location	Date Original Contract Signed	Contract Status	Actual / Expected Online Date	Firm Oper Date	Termination Date	County Location	Territory	Contract Capacity (MW)	Expected Energy in 2017 (MWh)	Expected 2017 PPA Payment (\$000)
Solar PV	5874	Golden Springs Building F	Santa Fe Springs, CA	3/12/15	CPUC Approved			12/31/36	Los Angeles County, CA	SCE	1.32		
Solar PV	5875	Golden Springs Building G	Santa Fe Springs, CA	3/12/15	CPUC Approved			12/31/36	Los Angeles County, CA	SCE	1.25		
Solar PV	5876	Golden Springs Building L	Santa Fe Springs, CA	3/12/15	CPUC Approved			12/31/36	Los Angeles County, CA	SCE	1.00		
Solar PV	5877	Freeway Springs	Santa Fe Springs, CA	3/12/15	CPUC Approved			11/30/36	Los Angeles County, CA	SCE	2.00		
Solar PV	5878	Dulles	Jurupa Valley, CA	3/12/15	CPUC Approved			11/30/36	Riverside County, CA	SCE	2.00		
Solar PV	5762	Central Antelope Dry Ranch B LLC	Lancaster, CA	5/7/15	CPUC Approved			1/30/37	Los Angeles, CA	SCE	3.00		
Solar PV	5219	Mirasol Development LLC (Murrieta 1)	Murrieta, CA	11/13/15	CPUC Approved			1/31/37	Riverside County, CA	SCE	1.00		
Solar PV	5220	Mirasol Development LLC (Pomona 1)	Pomona, CA	11/13/15	CPUC Approved			1/31/37	Los Angeles, CA	SCE	0.50		
Solar PV	5222	SunE RAPID5222 LLC	Tustin, CA	11/23/15	Pending CPUC Approval			12/31/36	Orange County, CA	SCE	1.13		
Solar PV	5223	SunE RAPID523 LLC	Tustin, CA	11/23/15	Pending CPUC Approval			12/31/36	Orange County, CA	SCE	1.04		
Solar PV	5245	RE Walker Pass A LLC	Rosamond, CA	12/16/15	Pending CPUC Approval			3/31/38	Kern County, CA	SCE	20.00		
Solar PV	5405	SUNRAY ENERGY 3 LLC	Daggett, CA	12/16/15	CPUC Approved			12/31/36	San Bernardino, CA	SCE	13.80		

Technology	Project ID	Project Name	Location	Date Original Contract Signed	Contract Status	Actual / Expected Online Date	Firm Oper Date	Termination Date	County Location	Territory	Contract Capacity (MW)	Expected Energy in 2017 (MWh)	Expected 2017 PPA Payment (\$000)
Solar PV	5226	Caliente Springs, LLC	Desert Hot Springs, CA	12/16/15	CPUC Approved			11/30/36	Riverside County, CA	SCE	0.93		
Solar PV	5251	Milestone Wildomar, LLC	Wildomar, CA	3/2/16	CPUC Approved			11/30/37	Riverside County, CA	SCE	1.22		
Solar PV	5519	One Ten Partners, LLC	Palmdale, CA	5/6/16	CPUC Approved			12/14/36	Los Angeles County, CA	SCE	2.00		
Solar PV	5747	AVS Phase 2, LLC	Lancaster, CA	5/6/16	CPUC Approved			4/10/38	Los Angeles County, CA	SCE	3.00		
Solar PV	5261	Windhub Solar A, LLC	Mojave, CA	7/28/16	Executed			7/31/34	Kern County, CA	SCE	20.00		
Solar PV	5262	Antelope DSR 3, LLC	Lancaster, CA	7/28/16	Executed			6/30/39	Los Angeles County, CA	SCE	20.00		
Solar PV	5258	Green Beans C	Palmdale, CA	8/11/16	CPUC Approved			5/31/38	Los Angeles County, CA	SCE	3.00		

ATTACHMENT D

Confidentiality Declaration

Attachment D: Confidentiality Declaration

DECLARATION OF ERIC LAVIK REGARDING THE CONFIDENTIALITY OF CERTAIN DATA

I, Eric Lavik, declare and state:

1. I am a Manager within the Portfolio Planning and Analysis group in the Power Supply Department at Southern California Edison (SCE). As such, I have reviewed SCE's Green Tariff Shared Renewables (GTSR) 2017 Rates Update Advice Letter ("Advice Letter"). I make this declaration in accordance with the Administrative Law Judge's Ruling Clarifying Interim Procedures for Complying with Decision 06-06-066, issued on August 22, 2006 in Rulemaking 05-06-040. I have personal knowledge of the facts and representations herein and, if called upon to testify, could and would do so, except for those facts expressly stated to be based upon information and belief, and as to those matters, I believe them to be true.

2. Listed below are the data in the Advice Letter for which SCE is seeking confidential protection: Expected 2017 PPA Payment (\$000), Expected Energy in 2017 (MWh), Actual / Expected Online Date, Firm Operation Date. These information are confidential and market-sensitive and should not be disclosed to the public. They relate to the terms and conditions of the individual contracts entered into between SCE and the respective generators. Contractual information is protected under the Matrix under "Section VII. Bilateral Contract Terms and Conditions – Electric (G) Renewable Resource Contracts under RPS program – Contracts without SEPs." More specifically, Section VII.G provides that contract information shall be confidential for three years after first delivery or one year following expiration. SCE is seeking confidential treatment for contracts that have not been delivering for three years or expired for one year; thus, the information is protected. In addition, and in accordance with the level of protection afforded under the Matrix, SCE has not redacted the individual contract summaries, which include counterparty name, resource type, location and capacity. Finally, the Commission also concluded that project-specific project viability information should remain confidential in D.09-06-018.

3. I am informed and believe that SCE is complying with the limitations on confidentiality specified in the Matrix that pertain to the data listed in the table above.

4. I am informed and believe and thereon allege that the data in the table above cannot be aggregated, redacted, summarized, masked or otherwise protected in a manner that would allow partial disclosure of the data while still protecting confidential information.

5. I am informed and believe and thereon allege that the data in the tables in paragraph 2 above has never been made publicly available. I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on December 1, 2016 at Rosemead, California.

/s/ Eric Lavik_____

Eric Lavik

ATTACHMENT E

Proposed Protective Order

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

Green Tariff Shared Renewables Program Rate)
Component Updates for 2017)
)

)

Advice 3525-E

PROTECTIVE ORDER

This Protective Order shall govern access to Recipients of Protected Material contained in the confidential version of the above-referenced Advice Letter filed by Southern California Edison Company (“SCE”). Recipient has requested access to Protected Material relating to SCE’s Advice Letter and may be granted access pursuant to the terms of this Protective Order for the sole purpose of Recipient developing a response before the California Public Utilities Commission (“CPUC” or “Commission”) to SCE’s Advice Letter under the CPUC’s procedural rules and only if access is necessary for Recipient to develop that response. This Protective Order does not address the right of employees of the California Public Utilities Commission (“CPUC” or “Commission”) acting in their official capacities (“Commission Staff”) to view protected materials because Commission Staff are entitled to view Protected Materials in accordance with the requirements of Section 583 of the Public Utilities Code and the Commission’s General Order 66-C.

1. This Protective Order shall be available to and govern the use of any Protected Materials provided by SCE to Recipient relating to the above-referenced Advice Letter.
2. SCE has designated as protected those materials which customarily are treated by SCE as sensitive or proprietary, which are not available to the public, and which, if disclosed freely, would subject SCE or its customers to risk of competitive disadvantage or other business injury.
3. Definitions - for purposes of this Agreement:
 - (a) The term "Nondisclosure Certificate" shall mean the certificate annexed hereto by which Recipient has been granted access to Protected Materials, which certifies Recipient’s understanding that such access to Protected Materials is provided pursuant to the terms and restrictions of this Protective Order, and that such Recipient’s Reviewing Representative has read the Protective Order and agrees to be bound by it.

- (b) The term "Reviewing Representative" shall mean a person who has signed a Nondisclosure Certificate, who has a need to access the Protective Material for the purpose set forth in this Protective Order, and who is:
 - (1) an attorney representing Recipient;
 - (2) a paralegal or other employee assisting the attorney described in (1);
 - (3) an expert or an employee of an expert retained by Recipient; or
 - (4) employees or other representatives of Recipient.
- (c) The term "Protected Material" refers to those materials described in Section 2 above.

Notwithstanding Section 3(b)(1-4) above, SCE has the right to refuse to provide a Reviewing Representative access to Protected Material if grounds exist such that the Reviewing Representative could use Protective Material for commercial or improper usage. If Recipient disagrees with SCE's refusal to provide Protected Material, Recipient may seek resolution under the procedures set forth in Section 10(a).

4. Protected Materials shall be made available under the terms of this Protective Order only to Recipient and only through its Reviewing Representatives.

5. (a) Protected Materials shall remain available to Recipient for 90 days from the date SCE provides access to Recipient of the Protective Materials.

(b) Within 15 calendar days of such date set forth in Section 5(a), Recipient shall return to SCE the Protected Materials, including notes of Protected Material, copies of filings, official transcripts and exhibits in this proceeding that contain Protected Materials, or, upon agreement by SCE, shall destroy the materials in a manner determined by SCE. Within such time period, Recipient shall also submit to SCE an affidavit stating that, to the best of its knowledge, all Protected Materials and documents containing Protected Materials have been returned or have been destroyed.

6. All Protected Materials shall be maintained by Recipient in a secure place. Access to Protected Materials shall be limited to those Reviewing Representatives specifically authorized pursuant to this Protective Order.

7. (a) Protected Materials shall be treated as confidential by Recipient and by the Reviewing Representative in accordance with the Nondisclosure Certificate executed pursuant to Section 8. Protected Materials shall not be used except as necessary for the sole purpose of Recipient developing a response before the CPUC to SCE's Advice Letter under the CPUC's procedural rules and only if access is necessary for Recipient to develop that response, nor shall they be disclosed in any manner to any person except a Reviewing Representative who needs to know the information for the purpose set forth in this Protective Order.

(b) Reviewing Representatives may make notes of Protected Materials which shall be treated as notes of Protected Materials if they disclose the contents of Protected Materials. Reviewing Representatives may not make copies of Protected Materials unless agreed to by SCE. Any such copies become Protected Materials.

8. A Reviewing Representative shall not be permitted to inspect, participate in discussions regarding, or otherwise be permitted access to Protected Materials pursuant to this Protective Order unless Reviewing Representative has first executed a Nondisclosure Certificate. A copy of each Nondisclosure Certificate shall be provided to counsel for Recipient and to SCE prior to disclosure of any Protected Material to that Reviewing Representative.

9. Any Reviewing Representative may disclose Protected Materials to (a) any other Reviewing Representative as long as the disclosing Reviewing Representative and receiving Reviewing Representative both have executed a Nondisclosure Certificate, or (b) a member of the CPUC's Office of Ratepayer Advocates (ORA) who is engaged in the conduct of this Advice Letter. ORA is subject to the rules and regulations that govern the treatment of Protected information such as Public Utilities Code Section 583 and General Order 66(c). In the event that any Reviewing Representative to whom Protected Materials are disclosed ceases to be engaged in these proceedings, or is employed or retained for a position whose occupant is not qualified to be a Reviewing Representative under Section 3(b), access to Protected Materials by the person shall be terminated. Even if no longer engaged in this proceeding, every person who has executed a Nondisclosure Certificate shall continue to be bound by the provisions of this Protective Order and the certificate.

10. (a) Subject to Section 15, the CPUC, Presiding Administrative Law Judge of the CPUC, or Law and Motion Administrative Law Judge of the CPUC, as appropriate, shall resolve any disputes arising under this Protective Order. Prior to presenting any dispute under this Protective Order to the Commission, Presiding Administrative Law Judge, or Law and Motion Administrative Law Judge under Resolution ALJ-164 or the CPUC's Rules of Practice and Procedure, the parties to the dispute shall meet and confer and use their best efforts to resolve the dispute.

(b) If Recipient contests the designation of materials as protected, Recipient shall notify SCE by specifying in writing the materials whose designation is contested. This Protective Order shall continue to apply to such materials after the notification is made. Recipient may seek resolution of the dispute under the procedures set forth in Section 10(a). If the CPUC, Presiding Administrative Law Judge, or Law and Motion Administrative Law Judge of the CPUC finds that the materials at issue are not entitled to protection, the procedures of Section 15 shall apply.

11. All copies of all documents reflecting Protected Materials that are filed or submitted with the Commission, including the portion of the hearing testimony, exhibits, transcripts, briefs and other documents which refer to Protected Materials, shall bear the prominent markings indicating that the contents are confidential or that the contents include Protected Materials subject to this Protective Order.

12. If Recipient desires to include, utilize or refer to any Protected Materials, Recipient shall first notify Counsel for SCE.

13. Nothing in this Protective Order shall be construed as precluding SCE from objecting to the use of Protected Materials on any legal grounds.

14. Nothing in this Protective Order shall preclude Recipient from requesting the CPUC, or Presiding Judge or the Law and Motion Administrative Law Judge of the CPUC, or any other body having appropriate authority, to find that this Protective Order should not apply to all or any materials previously designated as Protected Materials pursuant to this Protective Order.

15. If the CPUC, Presiding Judge, or the Law and Motion Administrative Law Judge of the CPUC finds at any time that all or part of the Protected Materials need not be protected, those materials shall, nevertheless, be subject to the protection afforded by this Protective Order for seven (7) business days from the date of the decision unless, within such period, a party files a rehearing request or an interlocutory appeal on that finding with the Commission, in which case the materials shall remain protected until seven (7) business days after the final order resolving the question of confidentiality. SCE and Recipient do not waive their rights to seek additional administrative or judicial remedies after the Commission's or the Presiding Judge's or the Law and Motion Administrative Law Judge decision respecting Protected Materials or Reviewing Representatives, or the Commission's denial of an appeal or rehearing thereof.

16. SCE does not waive the right to pursue any other legal or equitable remedies that may be available in the event of actual or anticipated disclosure of Protected Materials.

17. Access and use by Governmental Entities: In the event the CPUC receives a request for a copy of or access to a party's Protected Materials from a state governmental agency that is authorized to enter into a written agreement sufficient to satisfy the requirements for maintaining confidentiality set forth in Government Code Section 6254.5(e), the CPUC may, not less than five (5) days after giving written notice to SCE of the request, release such protected material to the requesting governmental agency, upon receiving from the requesting agency an executed Interagency Confidentiality Agreement. Such Interagency Confidentiality Agreement shall (i) provide that the agency will treat the requested Protected Materials as confidential in accordance with this Protective Order, (ii) include an explanation of the purpose for the agency's request, as well as an explanation of how the request relates to furtherance of the agency's functions, (iii) be signed by a person authorized to bind the agency contractually, and (iv) expressly state that furnishing of the requested Protected Materials to employees or representatives of the agency does not, by itself, make such Protected Materials public. In addition, the Interagency Confidentiality Agreement shall include an express acknowledgment of the CPUC's sole authority (subject to judicial review) to make the determination whether the Protected Materials should remain confidential or be disclosed to the public, notwithstanding any provision to the contrary in the statutes or regulations applicable to the agency.

18. CPRA Requests: If a request is made pursuant to the California Public Records Act ("CPRA"), Government Code sections 6250, *et seq.*, that SCE's Protected Materials filed with or otherwise in the possession of the CPUC be produced, the CPUC will notify SCE of the CPRA request. The CPUC also will notify the requester that the Protected Materials are public records that have been filed with or submitted to the CPUC accompanied by a claim that they are confidential and/or that there is a public interest served by withholding the records. The CPUC will thereafter proceed to determine, pursuant to applicable law, whether

the requested Protected Materials are excluded from public inspection. In the event the CPUC receives a request from a federal government agency or a judicial subpoena for the production of a party's Protected Materials in the CPUC's possession, the CPUC will also notify SCE of such request. In the event that a CPRA requester brings suit to compel disclosure of a party's Protected Materials, the CPUC will promptly notify SCE of such suit, and Commission Staff and SCE shall cooperate in opposing the suit.

19. Contents of Protected Materials or any other form of information that copies or discloses Protected Materials shall not be disclosed to anyone other than in accordance with this Protective Order and shall be used only in connection with the purpose identified in this Order.

Entered: _____
Administrative Law Judge

Date: _____

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

Green Tariff Shared Renewables Program Rate)
Component Updates for 2017)
)
_____)

Advice 3525-E

NON-DISCLOSURE CERTIFICATE

I hereby certify my understanding that access to Protected Materials is provided to me pursuant to the terms and restrictions of the Protective Order in this proceeding, that I have been given a copy of and have read the Protective Order, and that I agree to be bound by it. I understand that the contents of the Protected Materials, any notes or other memoranda, or any other form of information that copies or discloses Protected Materials shall not be disclosed to anyone other than in accordance with that Protective Order. I acknowledge that a violation of this certificate constitutes a violation of an order of California Public Utilities Commission.

By: _____
Title: _____
Representing: _____
Date: _____