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November 26, 2013

Advice 4322-E
(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Modifications to Electric Rate Schedules NEM, NEMV and NEMVMASH, to Electric Preliminary Statement CP, and Establishment of a New Electric Sample Form, to Implement Renewable Energy Credits Compensation Pursuant to Decision 11-06-016

Purpose

Pacific Gas and Electric Company (PG&E) hereby seeks approval for modifications to its tariffs in accordance with Ordering Paragraph (OP) 2 of Decision (D.) 11-06-016, which ordered PG&E to include a renewable attribute adder (RAA) to the net surplus compensation rate. The affected tariff sheets are listed on the enclosed Attachment 1.

Background

In 2009, Assembly Bill (AB) 920 (Chapter 376, Statutes of 2009) amended Public Utilities Code Section 2827 and required electric utilities to develop a tariff measure providing "net surplus compensation" to their net energy metering customers who export more energy (kilowatt-hour or kWh) than they purchase from the utility over the course of a true-up year. Applications were filed by the utilities, including PG&E, to California Public Utilities Commission (CPUC), which were combined into a single Application (A) 10-03-017. On June 9, 2012, the CPUC issued D. 11-06-016 that directed the utilities to revise their net energy metering tariffs. OP 2 states the following:

Pacific Gas and Electric Company, Southern California Edison Company, and San Diego Gas & Electric Company shall each include a renewable attribute adder to the net surplus compensation rate in Ordering Paragraph 1 above, after the California Energy Commission determines the eligibility of net energy metering customer facilities for the Renewable Portfolio Standard and an ownership

¹ D. 11-06-016 Decision Adopting Net Surplus Compensation Rate Pursuant To Assembly Bill 920 And The Public Utility Regulatory Policies Act Of 1978
http://docs.cpuc.ca.gov/PublishedDocs/WORD_PDF/FINAL_DECISION/137431.PDF

verification and tracking system for Renewable Energy Credits created by net surplus generators. The renewable attribute adder shall be calculated using the most recent Western Electricity Coordinating Council average renewable premium, based on United States Department of Energy published data. The renewable attribute adder shall only be paid to those net surplus generators who provide Renewable Energy Credits to the utility. (underlined emphasis added)

PG&E submits this advice letter based on the provisions included in the California Energy Commission (CEC) Renewables Portfolio Standard (RPS) Eligibility Guidebook issued on April 30, 2013, which confirmed the guidelines of net energy metered customer facilities for both RPS eligibility and for the ownership, verification and transfer of Renewable Energy Credits (RECs) created by net surplus generators.

Consistent with the requirements in D.11-06-016, OP 9, retroactive payments may or may not be provided.

Renewable Attribute Adder

Ordering paragraph 2 of D.11-06-016 requires that the RAA to the net surplus compensation rate be calculated using the most recent Western Electricity Coordinating Council (WECC) average renewable premium, based on United States Department of Energy (DOE) published data. PG&E submits an annual advice letter on October 1 each year that includes the RAA data as defined in D.11-06-016. The October 1 advice letter is submitted in compliance with Resolution E-4475 and D.11-12-018 and supports the market price benchmark used in PG&E's annual Energy Resource Recovery Account (ERRA) Forecast³. PG&E's 2013 Advice Letter 4296⁴ includes the most recent WECC RAA data, reproduced here as Appendix A, from the DOE website that publishes survey results of Western US renewable energy premiums in AL 4296-E, PG&E's calculated average price for states in the WECC is 16.45 dollars / megawatt-hour or 1.645 cents / kWh.

² The Renewables Portfolio Standard (RPS) Eligibility Guidebook (Seventh Edition), publication # CEC-300-2012-005-ED7-CM adopted April 30, 2013. And posted May 17, 2013 is available at: <http://www.energy.ca.gov/renewables/documents/#rps>

The Sixth Edition of the RPS Handbook issued on August 29, 2012 established guidelines for net energy metering customers, however PG&E sought revisions to provide a simpler process for net energy metering participants. These revisions were not adopted by the CEC.

³ The compliance advice letter required by Resolution E-4475 and D.11-12-018 was an outcome of Rulemaking 07-05-025 for the Direct Access reopening.

⁴ Advice Letter 4296-E can be found at:

http://www.pge.com/nots/rates/tariffs/tm2/pdf/ELEC_4296-E.pdf

⁵ <http://apps3.eere.energy.gov/greenpower/markets/pricing.shtml?page=1>

Tariff Revisions

1. Electric Schedules NEM, NEMV, and NEMVMASH

The following modifications to the Special Condition covering Net Surplus Electricity Compensation (NSC) in Rate Schedules NEM, NEMV and NEMVMASH were made:

- 1) PG&E modifies the first paragraph and adds several new paragraphs, (i) citing the CPUC decision and CEC basis for the program, (ii) referencing the CEC guidebook, (iii) listing the three requirements for a customer to be eligible mentioned below on the form and (iv) providing a description of how the RAAs are calculated.
- 2) A reference to the new Filed Form 79-1155 with PG&E Schedules NEM, NEMV, NEMVMASH Net Surplus Electricity (NSE) Renewable Energy Credits Compensation Form is included in the NEM, NEMV and NEMVMASH tariffs.

2. New Form 79-1155 to Obtain RAA Compensation

In order to receive any REC compensation owed, a customer will need to complete, sign and return Form 79-1155 - Schedules NEM, NEMV, NEMVMASH Net Surplus Electricity (NSE) Renewable Energy Credits Compensation Form. This form requires that the net energy metering customer:

- i) Certify ownership of the net surplus electricity RECs. In certain cases where the customer has generator leasing arrangements or power purchase agreements, it is not unusual for the third party to retain ownership of the RECs;
- ii) Certify the Renewable Portfolio Standard (RPS) eligibility of the net energy metering generating facility that created the RECs. PG&E will require that a copy of the CEC RPS eligibility certificate for this facility be attached with the form, until such time as this facility's RPS eligibility certification is made available to PG&E from another source.
- iii) Transfer Western Renewable Energy Generation Information System (WREGIS) Certificates representing the Renewable Energy Credits to PG&E's WREGIS account.

If the customer is using a REC aggregator, PG&E would also need details about the WREGIS certificates, including the number of certificates, the WREGIS Generating Unit ID, CEC RPS ID, the period covered by the certificates, and the associated certificate serial numbers for verification purposes.

3. Preliminary Statement

In order to track the payments for RECs, PG&E also makes modifications to Electric Preliminary Statement CP. In 2011 PG&E submitted advice letter AL 3909-E to modify the ERRA Electric Preliminary Statement (“Preliminary Statement”) to recover all revenues or costs related to Net Surplus Compensation (NSC) for Eligible Net Energy Metering Customers, pursuant to Decision (“D.”) 11-06-016 and CPUC Resolution E-4422.

In advice letter 3909-E effective March 24, 2011, PG&E proposed updates to its Energy Resource Recovery Account (“ERRA”) Electric Preliminary Statement to recover all revenues or costs related to Net Surplus Compensation (NSC) for Eligible Net Energy Metering Customers. In 3909-E, PG&E stated, “Pursuant to D.11-06-016, NSC payments may eventually include additional compensation for renewable attributes. PG&E may re-submit another advice letter once the details of the additional renewable attribute compensation become available.” In this advice letter, PG&E now includes modifications to its preliminary statement to address the accounting procedure for payments of these renewable attributes.

Payments provided to eligible net energy metering customers for the renewable attributes of net surplus electricity will be recorded as purchased power costs. Along with payment for NSC, PG&E proposes to record the amount of the renewable attributes payments in its existing ERRA. In this advice letter, PG&E proposes to include a debit entry to record payments made to NEM customers for the renewable attributes for their net surplus energy. Electric Preliminary Statement Part CP, Section 5, is modified to insert new language (in italics):

ad) A debit entry equal to power purchase payments provided to eligible Net Energy Metering customers for energy produced by on-site generation in excess of consumption over a 12-month period. Power purchase payments may include additional compensation for renewable attributes where applicable.

Protests

Anyone wishing to protest this filing may do so by letter sent via U.S. mail, by facsimile or electronically, any of which must be received no later than December 16, 2013, which is 20 days after the date of this filing. Protests should be mailed to:

⁶ AL 3909-E can be found at: http://www.pge.com/notes/rates/tariffs/tm2/pdf/ELEC_3909-E.pdf

CPUC Energy Division
ED Tariff Unit
505 Van Ness Avenue, 4th Floor
San Francisco, California 94102

Facsimile: (415) 703-2200
E-mail: EDTariffUnit@cpuc.ca.gov

Copies of protests also should be mailed to the attention of the Director, Energy Division, Room 4004, at the address shown above.

The protest shall also be sent to PG&E either via E-mail, or U.S. mail (and by facsimile if possible) at the address shown below on the same date it is mailed or delivered to the Commission

Brian K. Cherry
Vice President, Regulatory Relations
Pacific Gas and Electric Company
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, California 94177

Facsimile: (415) 973-7226
E-mail: PGETariffs@pge.com

Any person (including individuals, groups, or organizations) may protest or respond to an advice letter. (General Order 96-B, Rule 7.4.) The protest shall contain the following information: specification of the advice letter protested; grounds for the protest; supporting factual information or legal argument; name, telephone number, postal address, and (where appropriate) e-mail address of the protestant; and statement that the protest was sent to the utility no later than the day on which the protest was submitted to the reviewing Industry Division (General Order 96-B, Rule 3.11).

Effective Date

PG&E requests that this Tier 2 advice filing become effective on January 25, 2014, which is 60 calendar days after the date of filing.

Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list and the parties on the service list for Rulemaking (R.) 10-05-004 and R. 12-11-005. Address changes to the General Order 96-B service list should be directed to PG&E at email address PGETariffs@pge.com. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at Process_Office@cpuc.ca.gov.

Send all electronic approvals to PGETariffs@pge.com. Advice letter filings can also be accessed electronically at: <http://www.pge.com/tariffs>

Brian Cherry /IG

Vice President, Regulatory Relations

Attachments

cc: R.10-05-004 and R.12-11-005

CALIFORNIA PUBLIC UTILITIES COMMISSION

ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPU Utility No. Pacific Gas and Electric Company (ID U39 E)

Utility type:

ELC ffi GAS

PLC HEAT WATER

Contact Person: Igor Grinberg

Phone#: (415) 973-8580

E-mail: ixg8@pge.com and PGETariffs@pge.com

EXPLANATION OF UTILITY TYPE

(Date Filed/ Received Stamp by CPUC)

ELC= Electric
PLC= Pipeline

GAS= Gas
HEAT= Heat

WATER= Water

Advice Letter (AL) #4322-E

Tier: 2

Subject of AL: Modifications to Electric Rate Schedules NEM, NEMV and NEMVMASH, Electric Preliminary Statement CP, and Establishment of a New Electric Sample Form, to Implement Renewable Energy Credits Compensation Pursuant to Decision 11-06-016

Keywords (choose from CPU listing): Compliance, Forms, Metering

AL filing type: Monthly Quarterly Annual One-Time Other _____

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution: D. 11-06-016

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: No

Summarize differences between the AL and the prior withdrawn or rejected AL:

Is AL requesting confidential treatment? If so, what information is the utility seeking confidential treatment for:

Confidential information will be made available to those who have executed a nondisclosure agreement: N/A

Name(s) and contact information of the person(s) who will provide the nondisclosure agreement and access to the confidential information: _____

Resolution Required? Yes No

Requested effective date: January 25, 2014 No. of tariff sheets: 10

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

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: Electric Preliminary Statement CP, Electric Schedules NEM, NEMV, NEMVMASH and New Electric Sample Form 79-1155

Service affected and changes proposed: See "Tariff Revisions" section in advice letter.

Protests, dispositions, 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

ED Tariff Unit

505 Van Ness Ave., 4th floor

San Francisco, CA 94102

E-mail: EDTariffUnit@cpuc.ca.gov

Pacific Gas and Electric Company

Attn: Brian K. Cherry, Vice President, Regulatory Relations

77 Beale Street, Mail Code B10C

P.O. Box 770000

San Francisco, CA 94177

E-mail: PGETariffs@pge.com

Cal P.U.C.
Sheet No.

Title of Sheet

Cancelling Cal
P.U.C. Sheet No.

33213-E	ELECTRIC PRELIMINARY STATEMENT PART CP ENERGY RESOURCE RECOVERY ACCOUNT Sheet 8	32231-E
33214-E	ELECTRIC SCHEDULE NET ENERGY METERING SERVICE Sheet 18	30788-E
33215-E	ELECTRIC SCHEDULE VIRTUAL NET METERING FOR MULTI- TENANT OR MULTI-METER PROPERTY SERVED AT THE SAME SERVICE DELIVERY POINT Sheet 21	31566-E
33216-E	ELECTRIC SCHEDULE VIRTUAL NET METERING FOR MULTI- TENANT OR MULTI-METER PROPERTY SERVED AT THE SAME SERVICE DELIVERY POINT Sheet 22	31567-E
33217-E	ELECTRIC SCHEDULE VIRTUAL NET ENERGY METERING FOR MULTIFAMILY AFFORDABLE HOUSING (MASH/NSHP) WITH SOLAR GENERATOR(S) Sheet 15	31638-E
33218-E	ELECTRIC SAMPLE FORM 9-1155 SCHEDULES (NEM, NEMV, NEMVMASH, NET SURPLUS ELECTRICITY (NSE) RENEWABLE ENERGY CREDITS COMPENSATION Sheet 1	
33219-E	ELECTRIC TABLE OF CONTENTS Sheet 1	33207-E
33220-E	ELECTRIC TABLE OF CONTENTS RATE SCHEDULES Sheet 6	33134-E

ATTACHMENT
Advice 4322-E

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
33221-E	ELECTRIC TABLE OF CONTENTS PRELIMINARY STATEMENT Sheet 14	32754-E
33222-E	ELECTRIC TABLE OF CONTENTS SAMPLE FORMS Sheet 28	32534-E



~~ELECTRIC PRELIMINARY STATEMENT PART CP~~
~~ENERGY RESOURCE RECOVERY ACCOUNT~~

Sheet 8

CP. ENERGY RESOURCE RECOVERY ACCOUNT (ERRA) (Cont'd.)

5. ACCOUNTING PROCEDURES: (Cont'd.)

- ad) A debit entry equal to power purchase payments provided to eligible Net Energy Metering customers for energy produced by on-site generation in excess of consumption over a 12-month period. Power purchase payments may include additional compensation for renewable attributes where applicable. (N)
|
(N)
- ae) A debit entry equal to the capacity and energy costs for QF/CHF Program contracts.
- af) A credit entry equal to the net capacity costs recorded in the QF/CHF Program and Marsh Landing subaccounts of the New System Generation Balancing Account (NSGBA).
- ag) A debit or credit entry equal to the cost or revenue associated with combined heat and power systems authorized in D.09-12-042, D.10-12-055 and D.11-04-033, and defined in PG&E's tariffs E-CHP, E-CHPS, and E-CHPSA and
- ah) A debit entry equal to the GHG procurement costs for PG&E's GHG compliance instrument transactions under the California cap-and-trade program pursuant to AB 32.
- ai) A credit entry equal to one-twelfth of the authorized forecasted direct and indirect GHG costs, deferred for future recovery in rates.
- aj) A debit entry equal to the balance in the GHG subaccount included for recovery in rates.
- ak) A monthly entry equal to interest on the average balance in the account at the beginning of the month and the balance after the above entries, at a rate equal to one-twelfth of the rate on three-month Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15 or its successor; and
- al) A debit entry equal to the year-end balance transferred from the Long-Term Procurement Plan Technical Assistance Memorandum Account (LTAMA).

(Continued)

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**ELECTRIC SCHEDULE
 NET ENERGY METERING SERVICE**

Sheet 18

SPECIAL
 CONDITIONS:
 (Cont'd.)

6. Net Surplus Electricity Compensation (NSC) (Cont'd):

(b) The NSC Rate – The NSC Rate is defined as the simple rolling average of PG&E’s default load aggregation point (DLAP) price from 7 a.m. to 5 p.m., for a 12-month period. PG&E shall use the NSC Rate as the value of the electricity portion of its net surplus compensation rate.

PG&E will calculate the NSC Rate each month. It will be effective on the first day of that month and PG&E will use it in the NSC Calculation for any Net Surplus Generators with a Relevant Period completed in that month (True-Up Month).

The DLAP Cutoff Date will be defined as the twentieth (20th) day of the month prior to the True-Up Month.

PG&E will wait five (5) days after the DLAP Cutoff Date for the CAISO to have time to finalize the day-ahead PG&E DLAP prices. The NSC Rate will then be calculated as the simple average of the prices for all hours between 7 a.m. and 5 p.m. over a one (1) year period ending on the DLAP Cutoff Date.

(c) Pursuant to D. 11-06-016, PG&E includes a Renewable Attribute Adder (RAA) based on the California Energy Commission (CEC) implementation methodology. (T)

Under the CEC’s Renewables Portfolio Standard (RPS) Eligibility Guidebook¹, an ownership verification and tracking process is set forth for Renewable Energy Credits (RECs) created by Net Surplus Generators. (N)

PG&E will pay a Renewable Attribute Adder (RAA) for Net Surplus Electricity if the Net Surplus Generator completes Form 79-1155 -- Schedules NEM, NEMV, NEMVMASH, Net Surplus Electricity (NSE) Renewable Energy Credits Compensation Form which requires that each true-up a Net Surplus Generator confirm it or its REC aggregator has:

- (1) certified ownership of Net Surplus Electricity Renewable Energy Credits associated with their Net Surplus Electricity; (I)
- (2) obtained certification for the Renewable Portfolio Standards (RPS) eligibility of the Electrical Generation Facility from the CEC and provide evidence of this certification to PG&E; and (I)
- (3) transferred the ownership of the WREGIS Certificates to PG&E. (I)

The RAA will be calculated using the most recent Western Electricity Coordinating Council (WECC) average renewable premium, based on United States Department of Energy (DOE) published data as submitted via advice letter annually in compliance with Resolution E-4475 and Decision 11-12-018. (N)

(d) Calculation of the NSC – NSC is calculated by multiplying any Net Surplus Electricity (kWh) by the NSC Rate in (b) and (c) above. (T)

¹ The CEC RPS Eligibility Guidebook is available at: <http://www.energy.ca.gov/renewables/documents/#rps>

(Continued)



~~ELECTRIC SCHEDULE NEMV~~
 VIRTUAL NET METERING OR A MULTI-TENANT OR MULTI-METER
 PROPERTY SERVED AT THE SAME SERVICE DELIVERY POINT

Sheet 21

SPECIAL
 CONDITIONS:
 (Cont'd.)

5. NET SURPLUS ELECTRICITY COMPENSATION (NSC) (Cont'd):

(b) ~~NSC~~Rate – The ~~NSC~~Rate is defined as the simple rolling average of PG&E's default load aggregation point (DLAP) price from 7 a.m. to 5 p.m., for a 12-month period. PG&E shall use the ~~NSC~~Rate as the value of the electricity portion of its net surplus compensation rate.

PG&E will calculate the ~~NSC~~Rate each month. It will be effective on the first day of that month and PG&E will use it in the NSC calculation for any Net Surplus Generators with a Relevant Period completed in that month (True-Up Month).

The DLAP Cutoff Date will be defined as the twentieth (20th) day of the month prior to the True-Up Month.

PG&E will wait five (5) days after the DLAP Cutoff Date for the CAISO to have time to finalize the day-ahead PG&E DLAP prices. The NSC Rate will then be calculated as the simple average of the prices for all hours between 7 a.m. and 5 p.m. over a one (1) year period ending on the DLAP Cutoff Date.

(c) Pursuant to D. 11-06-016, PG&E includes a Renewable Attribute Adder (RAA) based on the California Energy Commission (CEC) implementation methodology. (T)

Under the CEC's Renewables Portfolio Standard (RPS) Eligibility Guidebook¹, an ownership verification and tracking process is set forth for Renewable Energy Credits (RECs) created by Net Surplus Generators. (N)

PG&E will pay a Renewable Attribute Adder (RAA) for Net Surplus Electricity if the Net Surplus Generator completes Form 79-1155 -- Schedules NEM, NEMV, NEMVMA, or Net Surplus Electricity (NSE) Renewable Energy Credits Compensation Form which requires that each true-up a Net Surplus Generator confirm it or its REC aggregator has:

- (1) certified ownership of Net Surplus Electricity Renewable Energy Credits associated with their Net Surplus Electricity;
- (2) obtained certification for the Renewable Portfolio Standards (RPS) eligibility of the Electrical Generation Facility from the CEC and provide evidence of this certification to PG&E; and
- (3) transferred the ownership of the WREGIS Certificates to PG&E. (N)

¹ The CEC RPS Eligibility Guidebook is available at: <http://www.energy.ca.gov/renewables/documents/#rps>

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~~ELECTRIC SCHEDULE~~ ~~NEMV~~
~~VIRTUAL NET METERING OR A MULTI-TENANT OR MULTI-METER~~
~~PROPERTY SERVED AT THE SAME SERVICE DELIVERY POINT~~

Sheet 22

SPECIAL
 CONDITIONS:
 (Cont'd.)

5. ~~NET SURPLUS ELECTRICITY COMPENSATION (NSC)~~ (Cont'd.):

- (c) (Cont'd.) The RAA will be calculated using the most recent Western Electricity Coordinating Council (WECC) average renewable premium, based on United States Department of Energy (DOE) published data as submitted via advice letter annually in compliance with Resolution E-4475 and Decision 11-12-018. (N)
- (d) Calculation of the NSC- NSCs are calculated by multiplying any Net Surplus Electricity (kWh) by the NSC Rate in (b) and (c) above. (T)/(L)
- (e) Options for receiving NSC- A NEM Qualified Customer with NSC will automatically have their NSC applied to any amounts owed to PG&E and then may choose to:
 - (1) take no action and roll any remaining NSC amounts forward to offset subsequent PG&E charges; or
 - (2) request that PG&E issue a check if the NSC remaining amount is greater than one dollar (\$1). A Qualified Customer can select this option by calling PG&E. If the Qualified Customer is closing all their accounts with PG&E, PG&E will automatically send a check; or
 - (3) elect not to receive any NSC by completing and submitting form 79-1130 (Customer Request Form not to Receive Net Surplus Compensation) to PG&E to confirm that they do not want to participate. In this case PG&E will zero out any NSC the NEMV Qualified Customer maybe otherwise eligible to receive.
- (f) QF Status – Qualified Customers receiving net surplus compensation must first demonstrate to PG&E that the Generator Account from which they receive their generation allocation as described in Special Condition 2(b) are Qualifying Facilities in order to receive NSC. Since the Generator Accounts serving all NEMV Qualified Customers currently meet the requirements for a qualifying facility exempt from certification filing at the Federal Energy Regulatory Commission (FERC), no further documentation is required at this time.
- (g) Generator Size – Nothing in this Special Condition alters the existing NEMV system sizing requirement. Specifically, in order to be eligible for NSC, the Generator Account system must be intended primarily to offset part or all of the Benefitting Account Qualified Customers' own electrical requirements. Systems that are sized larger than the electrical requirements are not eligible for NEMV and therefore, are not eligible for NSC either.

(Continued)

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~~ELECTRIC SCHEDULE NEMVMASH~~
~~VIRTUAL NET ENERGY METER IN BORMULTIFAMILY~~
~~AFFORDABLE HOUSING MASH/NSHP WITH SOLAR GENERATOR(S)~~

Sheet 15

SPECIAL
 CONDITIONS:
 (Cont'd.)

4. Net Surplus Electricity Compensation (NSC) (Cont'd):

(b) The NSC Rate – The NSC Rate is defined as the simple rolling average of PG&E’s default load aggregation point (DLAP) price from 7 a.m. to 5 p.m., for a 12-month period. PG&E shall use the NSC Rate as the value of the electricity portion of its net surplus compensation rate.

PG&E will calculate the NSC Rate each month. It will be effective on the first day of that month and PG&E will use it in the NSC Calculation for any Net Surplus Generators with a Relevant Period completed in that month (True-Up Month).

The DLAP Cutoff Date will be defined as the twentieth (20th) day of the month prior to the True-Up Month.

PG&E will wait five (5) days after the DLAP Cutoff Date for the CAISO to have time to finalize the day-ahead PG&E DLAP prices. The NSC Rate will then be calculated as the simple average of the prices for all hours between 7 a.m. and 5 p.m. over a one (1) year period ending on the DLAP Cutoff Date.

(c) Pursuant to D. 11-06-016, PG&E includes a Renewable Attribute Adder (RAA) based on the California Energy Commission (CEC) implementation methodology. (T)
 (T)

Under the CEC’s Renewables Portfolio Standard (RPS) Eligibility Guidebook¹, an ownership verification and tracking process is set forth for Renewable Energy Credits (RECs) created by Net Surplus Generators. (N)
 |
 |

PG&E will pay a Renewable Attribute Adder (RAA) for Net Surplus Electricity if the Net Surplus Generator completes Form 79-1155 -- Schedules NEM, NEMV, NEMVMASH, Net Surplus Electricity (NSE) Renewable Energy Credits Compensation Form which requires that each true-up a Net Surplus Generator confirm it or its REC aggregator has:
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 |
 |

- (1) certified ownership of Net Surplus Electricity Renewable Energy Credits associated with their Net Surplus Electricity;
- (2) obtained certification for the Renewable Portfolio Standards (RPS) eligibility of the Electrical Generation Facility from the CEC and provide evidence of this certification to PG&E; and
- (3) transferred the ownership of the WREGIS Certificates to PG&E.

The RAA will be calculated using the most recent Western Electricity Coordinating Council (WECC) average renewable premium, based on United States Department of Energy (DOE) published data as submitted via advice letter annually in compliance with Resolution E-4475 and Decision 11-12-018. (N)

(d) Calculation of the NSC – NSC is calculated by multiplying any Net Surplus Electricity (kWh) by the NSC Rate in (b) and (c) above. (T)

¹ The CEC RPS Eligibility Guidebook is available at: <http://www.energy.ca.gov/renewables/documents/#rps>

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Pacific Gas and Electric Company
 San Francisco, California
 U 39

Original
 Cancelling

Cal. P.U.C. Sheet No.
 Cal. P.U.C. Sheet No.

33218-E

ELECTRIC SAMPLE FORM 9-1155
 SCHEDULES NEM, NEMV, NEMVMASNETS SURPLUS ELECTRICITY (NSE)
 RENEWABLE ENERGY CREDITS COMPENSATION

Sheet 1 (N)
 (N)
 (N)

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1D7



Schedules NEM, NEMV, NEMVMASH

Net Surplus Electricity (NSE) Renewable Energy Credits (RECs) Compensation Form

Customer or Entity Authorized to Aggregate RECs on the Customer's behalf:

To request Renewable Energy Credit (REC) compensation for Net Surplus Electricity (NSE)¹ produced by the customer's renewable energy generating facility, please complete the following sections:

Section 1 – Customer Information

Please provide the following information for the account associated with the generating facility for which RECs are being transferred to PG&E:

Customer	Last Name or Company Name		First Name
Address	Number, Street and Unit		
	City	State	Zip Code
Phone	Area Code		Number
Email Address			
Account Information	Account ID		Service ID
Meter Number (Badge)			

Section 2 – Aggregator Information (if applicable)

If the customer's RECs (WREGIS Certificates) corresponding to the NSE are provided by an aggregator authorized by the customer, please provide the following:

Aggregator Name (As recorded in WREGIS)	
Aggregator's WREGIS ID (Generating Unit Aggregator Account Holder ID)	
Phone	
Email Address	

¹ Net Surplus Electricity (NSE) as defined in the NEM, NEMV or NEMVMASH Rate Schedule under which the customer takes service.

Section 3 – Verification of REC Ownership and Transfer

The customer has provided “Net Surplus Electricity” (NSE, as defined in the NEM, NEMV or NEMVMASH Rate Schedule under which the customer takes service), which is reflected on the customer’s true-up bill, and for that NSE the customer wishes to receive REC compensation (as described in subsection (c) of the *Net Surplus Electricity Compensation (NSC)* Special Condition in the NEM, NEMV or NEMVMASH rate schedule under which the customer takes service), and the customer or aggregator confirm all of the following:

CERTIFICATION OF OWNERSHIP OF NSE RENEWABLE ENERGY CREDITS:

- The customer or aggregator certifies under penalty of perjury that the customer owns the Renewable Energy Credits associated with NSE from the NEM, NEMV, or NEMVMASH generating facility.

RPS ELIGIBILITY OF FACILITY:

- The customer or aggregator certifies that the NEM, NEMV or NEMVMASH generating facility providing NSE to the service account identified in Section 1 is certified by the California Energy Commission (CEC) as a Renewable Portfolio Standard (RPS) Eligible Generating Facility, having the CEC RPS ID listed in Section 4.

PG&E will require that a copy of the CEC RPS eligibility certificate for this facility be attached with this form, until such time as this facility’s RPS eligibility certification status is available to PG&E from another source.

TRANSFER OF WREGIS CERTIFICATES TO PG&E:

- The customer or authorized aggregator has transferred to the Western Renewable Energy Generation Information System (WREGIS) account of PG&E (WREGIS account number 41) the WREGIS Certificates representing the Renewable Energy Credits which are defined according to the California Renewables Portfolio Standard, as may be amended, and are associated with the NSE provided as shown on the customer’s bill statement at the end of the time period(s) listed in Section 4.

For authorized aggregator:

All WREGIS Certificates for accounts that are aggregated must be associated with the customer’s PG&E NEM, NEMV, or NEMVMASH account.

WREGIS only creates WREGIS Certificates in whole megawatt-hour amounts, therefore only whole WREGIS Certificate amounts can be transferred to PG&E. If, however, the WREGIS Certificates were provided from an Aggregator, the allocation for a given customer may include a fraction of a megawatt-hour.

Section 4 – WREGIS Certificates Compensation:

For the NSE generating facility associated with the customer's NEM, NEMV or NEMVMASH account identified by the Account ID and Service ID listed in Section 1, the customer or the authorized aggregator has received and transferred to PG&E:

WREGIS Generating Unit ID:		CEC RPS ID:	
-----------------------------------	--	--------------------	--

Please attach additional pages to this form as necessary for multiple serial numbers

WREGIS Certificates transferred to PG&E from the Generator Unit ID

<i>Serial Number</i>	<i>For Period Beginning (xx/xx/xxxx)</i>	<i>For Period Ending (xx/xx/xxxx)</i>	<i>MWh</i>

Payment will be issued following confirmed receipt of WREGIS Certificates corresponding to the NSE in PG&E's WREGIS account.

PLEASE NOTE: A WREGIS Certificate consists of one megawatt-hour of generation; fractional WREGIS Certificates cannot be created, hence credit for a fractional portion of a WREGIS Certificates cannot be provided unless a customer works through an Aggregator.

Section 6 – Customer Signature

The customer or authorized aggregator attests that the information above is true and correct.

Signature	
Print Name	
Date	

Please return this form to:

XXXXXXXXXXXXXXXXXXXXXXXXXX
 Pacific Gas and Electric Company
 PO Box #####
 XXXXXXXXX, CA #####



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Sheet 1

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PG&E Gas and Electric
Advice Filing List
General Order 96-B, Section IV

1st Light Energy	Douglass & Liddell	OnGrid Solar
AT&T	Downey & Brand	Pacific Gas and Electric Company
Alcantar & Kahl LLP	Ellison Schneider & Harris LLP	Praxair
Anderson & Poole	G. A. Krause & Assoc.	Regulatory & Cogeneration Service, Inc.
BART	GenOn Energy Inc.	SCD Energy Solutions
Barkovich & Yap, Inc.	GenOn Energy, Inc.	SCE
Bartle Wells Associates	Goodin, MacBride, Squeri, Schlotz & Ritchie	SDG&E and SoCalGas
Braun Blasing McLaughlin, P.C.	Green Power Institute	SPURR
CENERGY POWER	Hanna & Morton	San Francisco Public Utilities Commission
California Cotton Ginners & Growers Assn	In House Energy	Seattle City Light
California Energy Commission	International Power Technology	Sempra Utilities
California Public Utilities Commission	Intestate Gas Services, Inc.	SoCalGas
California State Association of Counties	K&L Gates LLP	Southern California Edison Company
Calpine	Kelly Group	Spark Energy
Casner, Steve	Linde	Sun Light & Power
Center for Biological Diversity	Los Angeles Dept of Water & Power	Sunshine Design
City of Palo Alto	MRW & Associates	Tecogen, Inc.
City of San Jose	Manatt Phelps Phillips	Tiger Natural Gas, Inc.
Clean Power	Marin Energy Authority	TransCanada
Coast Economic Consulting	McKenna Long & Aldridge LLP	Utility Cost Management
Commercial Energy	McKenzie & Associates	Utility Power Solutions
County of Tehama - Department of Public Works	Modesto Irrigation District	Utility Specialists
Crossborder Energy	Morgan Stanley	Verizon
Davis Wright Tremaine LLP	NLine Energy, Inc.	Water and Energy Consulting
Day Carter Murphy	NRG Solar	Wellhead Electric Company
Defense Energy Support Center	Nexant, Inc.	Western Manufactured Housing Communities Association (WMA)
Dept of General Services	North America Power Partners	
Division of Ratepayer Advocates	Occidental Energy Marketing, Inc.	