

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298



January 16, 2013

Advice Letter 4163-E

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

SUBJECT: Modification to Simplify the Annual True-up of PG&E's Rate Schedule RES-BCT - Schedule for Local Government Renewable Energy Self-Generation Bill Credit Transfer

Dear Mr. Cherry:

Advice Letter 4163-E is effective as of December 11, 2012.

Sincerely,

A handwritten signature in cursive script that reads "Edward F. Randolph".

Edward F. Randolph, Director
Energy Division

December 11, 2012

Advice 4163-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

**Subject: Modification to Simplify the Annual True-up of PG&E's Rate
Schedule RES-BCT – Schedule for Local Government Renewable
Energy Self-Generation Bill Credit Transfer**

Purpose

Pacific Gas and Electric Company ("PG&E") hereby submits to the California Public Utilities Commission ("Commission" or "CPUC") non-substantive modifications to the Rate Schedule RES-BCT to simplify the true-up process, and to make modifications to the related electric Form 79-1112 – *Local Government Application for An Arrangement To Take Service on Rate Schedule RES-BCT With Interconnected Eligible Renewable Generation of Not More Than 5 Megawatts* to support the tariff changes.

Background

Public Utilities (PU) Code §2830 authorizes all "Local Governments" (as defined in the statute) to generate electrical energy at their PG&E electric account location ("Generating Account"); meter any exports to the grid; receive a bill credit based on the value those exports; and allocate it to one or more of the same Local Government's other PG&E electric accounts ("Benefiting Accounts"). One provision of the statute requires that: "The electrical corporation shall ensure that the local government receives the full bill credit."¹

The Local Government's Schedule RES-BCT bill credit is calculated by multiplying the generation component of the energy charge of the time-of-use (TOU) rate schedule of the Generating Account by the amount of exported kWh. The bill credit is then allocated among the Benefiting Accounts in the percentages designated by the Local Government on their Interconnection Application (Form 79-1112)². Each month the bill credit for each Benefiting Account is applied to reduce the "generation component of the energy charge" charges for that Benefiting Account. Any remaining unallocated bill credits are carried forward to the next billing month, until the end of the Relevant Period (typically

¹ PU Code §2830 (c)(2)

² Appendix A, Form 79-1112

after 12 billing months) when there is a two-step true-up. RES-BCT tariff Special Condition 2(h) provides:

First,

At the end of the Bill Credit Relevant Period, after the generation component of the usage charge for each Generating Account and Benefiting Account are reduced each month by its Allocation percentage of the Bill Credit and any monthly carry-forward of such credit pursuant to Special Condition 2 (c) and (d) has been applied, PG&E will apply any remaining credit toward any previously billed charges for the generation component of the energy charge on the same account in the same Bill Credit Relevant Period.

Second,

If any additional Bill Credit pursuant to Special Condition 2 (c) and (d) and the previous paragraph still remains, it will be applied to the Generating Account and/or Benefiting Accounts in the order in which the accounts are listed in the Arrangement on the Appendix A of the RES-BCT Application (as described in Special Condition 3 of this tariff) until:

- i) no more Bill Credit Remains, OR
- ii) all the usage charges based on the generation component of the energy charge on the [benefiting accounts'] OAS have been reduced by the Bill Credit. (emphasis added)

Currently PG&E, in the second step of the true-up, will apply the remaining bill credits to the individual Benefiting Account bills until all the usage charges for the generation component of the energy charge have been offset or all the bill credits have all been applied.³ This adds work and slows up the true-up billing process.

With this advice letter, PG&E proposes to calculate the overall credit using information from all the Benefiting Accounts, but instead of applying it to each benefiting account bill, PG&E will put the total dollar credit on one Benefiting Account of the Local Government's choosing. This dollar credit total can be applied to any PG&E billing charges on the account designated by the Local Government. Since all the Benefiting Accounts are in the Local Government's name, and the total amount credited is the same, the Local Government will receive the same amount of credit under the proposed process as the current process. However, this proposed process will cost less to implement and administer.

³ Any remaining generation credit after this second step is zeroed out in the same manner as before, pursuant to P.U. Code §2830(c)(5).

Finally, in the existing RES-BCT tariff, the Generating Account needs to be the earliest account to true-up, so its credits can be allocated to the Benefiting Accounts. This proposal would also require that PG&E make the designated Benefiting Account the last one to true-up since the credit cannot be fully calculated until all the other accounts have been trued up.⁴ Because the Generating Account must be trued up first to know the credits available, it cannot be the designated benefiting account.⁵ Additionally, PG&E clarifies how the meter read dates will occur within each monthly billing cycle for the different accounts within a RES-BCT billing arrangement. Again, the Local Government will receive the same amount of credit with these changes as under the current process.

In order to make this improvement to the true-up process, the CPUC's Energy Division sent an E-mail on October 19, 2012, encouraging PG&E to address these RES-BCT non-substantive administrative issues as a Tier 1 at this time in an advice letter.

Tariff Revisions

PG&E proposes the following non-substantive changes, none of which affect a rate, charge, term, or condition under the tariff, to simplify the administration and billing. First, PG&E proposes that Special Condition 2(h) dealing with issuance of the true-up credit for Schedule RES-BCT be changed from:

If any additional Bill Credit pursuant to Special Condition 2 (c) and (d) and the previous paragraph still remains, it will be applied to the Generating Account and/or other Benefiting Accounts in the order in which the accounts are listed in the Arrangement on the Appendix A of the RES-BCT Application (as described in Special Condition 3 of this tariff) until:

- i) no more Bill Credit Remains, OR
- ii) all the usage charges based on the generation component of the energy charge on the account OAS have been reduced by the Bill Credit.

This process will be repeated for each account, until all the Arrangement Generation Accounts and Benefiting Accounts have been trued-up, at which time any remaining Bill Credit will be zeroed out, and a new Bill Credit Relevant Period will begin. PG&E is not required to compensate a Local Government for electricity generated from an Eligible Renewable Generating Facility pursuant to this section in excess of the bill credits applied to the designated benefiting account, pursuant to Public Utilities Code Section 2830(b)(9).

⁴ This issue will go away when all the accounts are on Smart Meters. The meter reads for a month can be set up to be simultaneous since all meters are read electronically.

⁵ This requirement will go away if PG&E is able to arrange for all of the Arrangement's meters to be read on the same date, such as when all the accounts in the billing Arrangement are on Smart Meters.

to:

If any additional Bill Credit pursuant to Special Condition 2 (c) and (d) and the previous paragraph still remains, PG&E will review the true-up bills for the Generating Account and Benefiting Accounts to determine if any charges for the generation component of the energy charge, as described in Section 2(e), remain to be credited. If yes, PG&E will apply the remaining Bill Credit to the Designated Benefiting Account (as indicated on Appendix A of Form 79-1112) equal to the lesser of: (a) these remaining charges or (b) the remaining Bill Credit. Because the Generating Account must be trued up first, it cannot be the Designated Benefiting Account unless PG&E is able to arrange for all of the Arrangement's meters to be read on the same date.

Second, PG&E proposes these administrative changes:

- Modify Form 79-1112's Appendix A (Designation of Bill Credit Allocation Percentages to RES-BCT Arrangement Accounts) to allow the Local Government to select the Designated Benefiting Account.
- Rate Schedule RES-BCT: Clarify in Special Condition 2 (c) and (g) that all Benefiting Accounts for each month's bill will have their meter read dates set if necessary so they are within the same monthly billing cycle as the Generating Account's meter read date but following it. Therefore, the relevant period for each Benefiting Account will all start and end within the same monthly billing cycle as the Generating Account. Previously, each Benefiting Account's meter read was set to be the first meter read date following the Generating Account's meter read date, regardless of whether it was in the same monthly billing cycle.
- Rate Schedule RES-BCT: Clarify in Special Condition 2(e) that during the monthly billing cycle, if the Bill Credit applied exceeds the generation component of the electricity charge, the difference may be applied *within the Relevant Period*. Previously it could just be carried forward to the next billing cycle. Allowing it to be applied with the Relevant Period each month allows the Local Government to receive the same full bill credit more quickly, rather than waiting until the end of the Relevant Period.
- Rate Schedule RES-BCT: Clarify in Special Condition 2(g) that for the purpose of *applying* Bill Credit, the **Bill Credit Relevant Period starts and ends** at the same time as the Benefiting Account Relevant Period in the Arrangement that is lagging the most behind the Generating Account Relevant Period, *within the same Billing Cycle*.
- Rate Schedule RES-BCT: Remove irrelevant language in the Rates Section on Sheet 4.

Protests

Anyone wishing to protest this filing may do so by letter sent via U.S. mail, facsimile or E-mail, no later than **December 31, 2012**, which is 20 days after the date of this filing. Protests must be submitted to:

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 submits this advice filing as a Tier 1 advice letter, in accordance with guidance in an E-mail dated October 19, 2012, from the CPUC's Energy Division, and request that this filing become effective on 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 R.12-11-005. Address changes to the General Order 96-B service list should be directed to PG&E at E-mail 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>.

Handwritten signature of Brian Cherry in cursive script, followed by a forward slash and the initials 'sw'.

Vice President, Regulatory Relations

Attachments

cc: Gabriel Petlin, CPUC Energy Division
Service List 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/CPUC Utility No. **Pacific Gas and Electric Company (ID U39 E)**

Utility type:

ELC

GAS

PLC

HEAT

WATER

Contact Person: **Shirley Wong**

Phone #: **(415) 972-5505**

E-mail: **slwb@pge.com**

EXPLANATION OF UTILITY TYPE

ELC = Electric

GAS = Gas

PLC = Pipeline

HEAT = Heat WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: **4163-E**

Tier: 1

Subject of AL: **Modification to Simplify the Annual True-up of PG&E's Rate Schedule RES-BCT - Schedule for Local Government Renewable Energy Self-Generation Bill Credit Transfer**

Keywords (choose from CPUC listing): **Billing, Credit, Forms, Self Generation**

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

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #: 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: No

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: **December 11, 2012**

No. of tariff sheets: **9**

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 Rate Schedule RES-BCT and Electric Form 79-1112**

Service affected and changes proposed: **See "Tariff Revisions" section of 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

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.
32216-E	ELECTRIC RATE SCHEDULE RES-BCT SCHEDULE FOR LOCAL GOVERNMENT RENEWABLE ENERGY SELF-GENERATON BILL CREDIT TRANSFER Sheet 4	32088-E
32217-E	ELECTRIC RATE SCHEDULE RES-BCT SCHEDULE FOR LOCAL GOVERNMENT RENEWABLE ENERGY SELF-GENERATON BILL CREDIT TRANSFER Sheet 5	29210-E
32218-E	ELECTRIC RATE SCHEDULE RES-BCT SCHEDULE FOR LOCAL GOVERNMENT RENEWABLE ENERGY SELF-GENERATON BILL CREDIT TRANSFER Sheet 6	29211-E
32219-E	ELECTRIC RATE SCHEDULE RES-BCT SCHEDULE FOR LOCAL GOVERNMENT RENEWABLE ENERGY SELF-GENERATON BILL CREDIT TRANSFER Sheet 7	29212-E
32220-E	ELECTRIC RATE SCHEDULE RES-BCT SCHEDULE FOR LOCAL GOVERNMENT RENEWABLE ENERGY SELF-GENERATON BILL CREDIT TRANSFER Sheet 9	30754-E
32221-E	ELECTRIC FORM NO. 79-1112 Local Government Application for an Arrangement To Take Service on Rate Schedule RES-BCT With Interconnected Eligible Renewable Generation of Not More Than 5 Megawatts Sheet 1	30755-E
32222-E	ELECTRIC TABLE OF CONTENTS Sheet 1	32213-E
32223-E	ELECTRIC TABLE OF CONTENTS RATE SCHEDULES Sheet 6	32101-E

**ATTACHMENT 1
Advice 4163-E**

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

Title of Sheet

**Cancelling Cal
P.U.C. Sheet No.**

32224-E

ELECTRIC TABLE OF CONTENTS
SAMPLE FORMS
Sheet 27

32155-E



ELECTRIC RATE SCHEDULE RES-BCT
SCHEDULE FOR LOCAL GOVERNMENT
RENEWABLE ENERGY SELF-GENERATION BILL CREDIT TRANSFER

Sheet 4

APPLICABILITY (Cont'd.): **PEAK DAY PRICING:** Nothing in this tariff shall restrict the Local Government's ability of their Arrangement's Generating and Benefiting Accounts from taking service under the Peak Day Pricing program. If the Local Government is enrolled in the Peak Day Pricing program, the RES-BCT generation credit will be based on the non-Peak Day Pricing rate component of the OAS.

TERRITORY: The entire territory served.

RATES: The rate charged at each Generating Account and each associated Benefiting Account in the Arrangement will be in accordance with the Account's PG&E otherwise-applicable rate schedule (OAS).

Charges for energy (kWh) supplied by PG&E will be based on the metered usage in accordance with Billing (Special Condition 2, below).

Generating Accounts taking service under RES-BCT may be exempt from the requirements of Schedule S—Standby Service depending on the nature of the generation technology and other conditions. Applicants for RES-BCT should refer to Schedule S to determine whether their Eligible Renewable Generating Facility is exempt.

(D)

BILLING COSTS & CUSTOMER CHARGES: Pursuant to PU Code section 2830(d), in order "to ensure that the transfer of a bill credit to a benefiting account does not result in a shifting of costs to bundled service subscribers", where "the costs associated with the transfer of a bill credit shall include all billing-related expenses", a Local Government shall be responsible to pay for its share of the one-time and on-going expenses PG&E incurs to implement and administer the special billing required to implement the RES-BCT tariff, including billing system programming and maintenance, billing data collection and validation, and administrative labor. PG&E reserves the right to change the charges to reflect actual costs. The One time Billing Setup Recovery Charge reflects PG&E's Billing set-up costs, collected from each Generating Account at the time of its initial setup on this schedule in the Arrangement. The Monthly Billing Administration Charge reflects PG&E's Account management costs, collected from each Generating Account in the Arrangement.

Monthly Billing Administrative Charge.....\$30.00 per Generating Account

One time Billing Setup Recovery Charge.....\$500.00 per Generating Account

SUB SCHEDULE: The Arrangement Generating Account and Benefiting Account will be placed on their respective sub-schedule as described below:

1. RES-BCTG– For Generating Accounts
2. RES-BCTB – For Benefiting Accounts

(Continued)



ELECTRIC RATE SCHEDULE RES-BCT
SCHEDULE FOR LOCAL GOVERNMENT
RENEWABLE ENERGY SELF-GENERATION BILL CREDIT TRANSFER

Sheet 5

SPECIAL
 CONDITIONS:

1. METERING

A Generating Account taking service on RES-BCT must have PG&E TOU metering (i) capable of separately registering the flow of electricity in two directions, (ii) capable of allowing PG&E to bill the Generating Account for its usage according to its TOU OAS and, (iii) capable of allowing PG&E to determine the Monthly Bill Credit for the Generating Account according to its TOU OAS, as described in Special Condition 2 of this tariff. If the Generating Account's existing metering is not capable of meeting these requirements, the Local Government shall be responsible for all expenses involved in purchasing and installing PG&E metering that is able to meet these requirements.

A Benefiting Account taking service on RES-BCT must have the PG&E meter needed for PG&E to bill the Benefiting Account according to its TOU OAS.

2. BILLING

a) The Total Monthly Bill Credit: For each Generating Account in an Arrangement, the Monthly Bill Credit is the value of the monthly kilowatt-hours exported, as measured by the export channel of the Generating Account TOU meter. The monthly kilowatt-hours exported are valued based on the time-of-use period of the Generating Account's OAS when it was generated and the corresponding TOU period generation component of the energy charge for the OAS of the Generating Account. The Total Monthly Bill Credit is the total of all the Generating Accounts' Monthly Bill Credits for the Arrangement.

b) Allocating Credits to the Generating and Benefiting Accounts: The Local Government, upon applying for the RES-BCT rate, will in Appendix A of the Application, submit a list identifying each of the Generating and Benefiting Accounts along with its respective "Allocation Percentage", to the nearest whole percentage. The sum of all the Allocation Percentages for the Generating and Benefiting Accounts in a given an Arrangement must total 100%.

c) The Monthly Bill Credit for Each Generating and Benefiting Account: Because each Benefiting Account may not be on the same monthly billing (and meter read) cycle as the Generating Account in an Arrangement, Monthly Bill Credit will be applied to each Benefiting Account within the same monthly billing cycle read as the Generating Account(s). In situations where it is practical for PG&E, PG&E reserves the right to rearrange the billing cycles of some or all accounts in the Arrangement to start them on the same date.

(T)
 (T)

The Monthly Bill Credit for each Generating and Benefiting Account will be applied according to the following formula:

Monthly Bill Credit = Total Monthly Bill Credit X Allocation Percentage

Where:

- ◆ *Monthly Bill Credit* is the allocated bill credit from the Total Monthly Bill Credit for a given Generating or Benefiting Account;
- ◆ *Total Monthly Bill Credit* is as defined in (a) above;
- ◆ *Allocation Percentage* is the Allocation Percentage for the corresponding Generating or Benefiting account, as defined in (b) above.

(Continued)



ELECTRIC RATE SCHEDULE RES-BCT
SCHEDULE FOR LOCAL GOVERNMENT
RENEWABLE ENERGY SELF-GENERATION BILL CREDIT TRANSFER

Sheet 6

SPECIAL
 CONDITIONS
 (Cont'd):

2. BILLING (Continued)

- d) Usage Charges: For each Benefiting Account, the charge for electricity usage shall be calculated, and for each bill component, at the rate schedule applicable to the Benefiting Account, including any cost-responsibility surcharge or other cost recovery mechanism, as determined by the commission, to reimburse the Department of Water Resources for purchases of electricity, pursuant to Division 27 (commencing with Section 80000) of the Water Code.

For the Generating Account, the charge for electricity usage shall be calculated only for the electricity used as measured by the import channel of its meter and for each bill component, at the rate schedule applicable to the Generating Account, including any cost-responsibility surcharge or other cost recovery mechanism, as determined by the commission, to reimburse the Department of Water Resources (DWR) for purchases of electricity, pursuant to Division 27 (commencing with Section 80000) of the Water Code.

- e) Monthly Bill: Each Generating and Benefiting Account's electricity usage charge shall be reduced by the Monthly Bill Credit applicable to that Account. The generation component credited to the Benefiting Account may not include the cost-responsibility surcharge or other cost recovery mechanism, as determined by the commission, to reimburse the DWR for purchases of electricity, pursuant to Division 27 (commencing with Section 80000) of the Water Code. As the Power Charge Indifferent Adjustment (PCIA), formerly known as the DWR Power Charge, is embedded within the Bundled Service generation component, to the extent the applicable PCIA is a positive number, it will be deducted from the generation component used to determine the Monthly Bill Credit. (If the PCIA is a negative number, no change will be made to the generation component used for determining the Monthly Bill Credit.) PCIA is calculated annually and is vintaged by calendar year in PG&E's annual Energy Resource Recovery Account (ERRA) proceeding. The applicable PCIA will be based upon the effective date the Local Government begins receiving service under this schedule. If the effective date is within the first six months of the calendar year (e.g. 2010 vintage), the Local Government will be assigned the PCIA for the prior year (i.e. 2009). If the effective date is on or after July 1 of a given year (e.g. 2010), the Local Government will be assigned the CRS for the current year (i.e. 2010 vintage).

If, during the monthly billing cycle, the generation component of the electricity charge exceeds the Bill Credit, the Benefiting Account shall be billed for the difference.

If, during the monthly billing cycle, the Bill Credit applied pursuant to this Special Condition section exceeds the generation component of the electricity charge, the difference shall be applied within the Relevant Period and/or carried forward to the next billing cycle as a financial credit to the next billing cycle.

(T)
 (T)

Monthly bills are due for payment upon receipt by the customer-of-record at the Generating or Benefiting Account.

(Continued)



ELECTRIC RATE SCHEDULE RES-BCT
SCHEDULE FOR LOCAL GOVERNMENT
RENEWABLE ENERGY SELF-GENERATION BILL CREDIT TRANSFER

Sheet 7

SPECIAL
 CONDITIONS
 (Cont'd):

2. BILLING (Continued)

g) Relevant Period: The **Generating Account Relevant Period** for the purpose of *determining* Generating Account Bill Credit is a twelve-month period, or portion thereof, commencing on the anniversary Date of Final Interconnection of the customer's Eligible Renewable Generating Facility to PG&E's electric system and on every subsequent anniversary thereof.

A **Benefiting Account Relevant Period** is a twelve-month period, or portion thereof, corresponding to that of the Generating Account Relevant Period but due to possible differences in billing (and meter read) cycles, may lag in time behind the Generating Account Relevant Period by any number of days up to one full billing cycle.

For the purpose of *applying* Bill Credit, the **Bill Credit Relevant Period** starts and ends at the same time as the Benefiting Account Relevant Period in the Arrangement that is lagging the most behind the Generating Account Relevant Period, within the same Billing Cycle. (T)
 (T)
 (T)

For a new RES-BCT arrangement, the initial Benefiting Account Relevant Period will be set so its meter read date is on or after the meter read date of the Generating Account but within the same billing month. During the less-than-one-full billing-cycle period between the start of the Generating Account's Relevant Period and that of the Benefiting account, no bill credit will be applied to that Benefiting Account's usage. (The Benefiting Account's normal Relevant period will still consist of a twelve-month period, it just starts with the first full bill cycle.) (T)
 (T)

An Arrangement, its Generating Account or *all* its Benefiting Accounts may be terminated by the Local Government before its normal 12-month Relevant Period completes, in which case a Relevant period may only be a portion of the normal 12-month period. Pursuant to PU Code section 2830 (g), this may happen either when a Local Government: (T)

i) terminates its election of service on RES-BCT, upon providing PG&E with a minimum of 60 days' notice. If the Local Government provides a specific date on or after the 60 days' notice, for service on RES-BCT to end, PG&E will treat the relevant period as described in ii) below. Otherwise if no date is specified, PG&E will end the Generating Account Relevant Period at the end of the first Generating Account billing cycle that falls after the 60 days' notice, and PG&E will end each Benefiting Account and the Bill Credit Relevant Period as described above. The true-up as described in Special Condition 2 (h) below is then performed.

(Continued)



ELECTRIC FORM NO. 79-1112

Sheet 1

Local Government Application for an Arrangement To Take Service on Rate
Schedule RES-BCT With Interconnected Eligible Renewable Generation of Not
More Than 5 Megawatts

PLEASE SEE ATTACHED FORM



Local Government Application for An Arrangement To Take Service on Rate Schedule RES-BCT With Interconnected Eligible Renewable Generation of Not More Than 5 Megawatts

Please note that this application does not constitute an application for **rebate** and/or **incentive programs**. For more information on these programs and their specific applications, please contact PG&E by phone, or by email using the subject "solar energy" at smarter-energy@pge.com, 1-800-933-9555 (residential) or BusinessCustomerHelp@pge.com, 1-800-468-4743 (commercial/industrial). For additional questions about the California Solar Initiative (CSI), contact PG&E at solar@pge.com.

Project Identification Number _____ (for PG&E's use only)

Part I – Identifying the Local Government Arrangement and Responsible Parties

A. Applicability and Purpose

This *LOCAL GOVERNMENT APPLICATION FOR AN ARRANGEMENT TO TAKE SERVICE ON RATE SCHEDULE RES-BCT WITH INTERCONNECTED ELIGIBLE RENEWABLE GENERATION OF NOT MORE THAN 5 MEGAWATTS* ("RES-BCT Application") allows for a Local Government, as defined in Rate Schedule RES-BCT, to apply for an Arrangement, as defined in Rate Schedule RES-BCT, to take service on PG&E's electric Rate Schedule *RES-BCT NET ENERGY METERING SERVICE FOR LOCAL GOVERNMENT REMOTE RENEWABLE SELF GENERATION*.

For the Local Government's Arrangement (as defined in the RES-BCT tariff), this Application allows a Local Government to:

- a) Elect one or more Generating Accounts with Eligible Renewable Generating Facilities, as defined in Rate Schedule RES-BCT, where each interconnected Eligible Renewable Generating Facilities at the Arrangement, has a capacity of 5 megawatts (5,000 kW) ("Generating Facility") or less; and
- b) Interconnect and operate the Eligible Renewable Generating Facilities under the provisions of PG&E's Electric Rule 21;
- c) Elect one or more, but no more than 50, Benefiting Account to receive the Bill Credit, as defined in Rate Schedule RES-BCT from the Generating Accounts in (a); and
- d) Elect Bill Credit Allocation Percentages for each of the Generating and Benefiting Accounts.

Local Government has elected to apply for service for its Arrangement on Rate Schedule RES-BCT, which involves the interconnection and operation of its Eligible Renewable Generating Facilities in parallel with PG&E's Electric System, primarily to offset part or all of the Arrangement's own electrical requirements at the affiliated Generating and Benefiting Accounts as listed in Appendix A. Local Government shall comply at all times with this RES-BCT Application as well as with all applicable laws, tariffs and applicable requirements of the Public Utilities Commission of the State of California.

The language in Section 5.1 of Section 5, *Generating Facility, Operation And Certification Requirement* of the Rule 21 Interconnection Agreement (Form 79-973), does not apply to Generating Facilities located at the Generation Accounts in the RES-BCT Arrangement described in this RES-BCT Application. These Generating Facilities are expressly permitted to export energy to the grid consistent with Rate Schedule RES-BCT.

Each Eligible Renewable Generating Facility on a Generating Account in the Arrangement elected on Appendix A must:

- a) Complete and submit to PG&E a signed Rule 21 Generating Facility Interconnection Application (Form 79-974)
- b) Complete and submit to PG&E a completed, signed Rule 21 Generating Facility Interconnection Agreement (Form 79-973)

Please complete this RES-BCT Application in its entirety

c) Complete and submit to PG&E any supporting additional documents required by Rule 21, or the above two forms.

B. Description of Service (This Application is being filed for, check all that apply)

- A New Arrangement Application (with existing services).
- A New Arrangement in conjunction with a new service. An **Application for Service** must be completed. Additional fees may be required if a service or line extension is required (in accordance with PG&E Electric Rules 15 and 16). Please contact PG&E at 1-800-PGE-5000 (or 1-800-743-5000).
- For Physical Changes to an interconnected, Eligible Renewable Generating Facility on a Generating Account with previous approval by PG&E (e.g. adding PV panels, changing inverters, or changing load and/or operations).
- For Adding a New Eligible Renewable Generating Facility to an account in an existing Arrangement previously approved by PG&E.
- A Change to the Bill Credit Allocation Percentages for an Existing Arrangement (This includes adding or removing Benefiting Accounts from an existing Arrangement) - see Appendix A. For a reallocation, Local Government only needs to complete a new Appendix A with the reallocation for the RES-BCT accounts. Note, such changes are allowed only once in any 12 month period.

C. Local Government's Contact Information

Local Government Name			
Contact Person		Title	
Street Address			
City	State	Zip	
Mailing Address			
City	State	Zip	
Business Phone	Home Phone	Fax	Email

D. Other Contact Information (This information is optional.)

Contact Person		Company Name	
Mailing Address			
City	State	Zip	
Business Phone	Fax	Email	

In addition, Local Government authorizes PG&E to release to the California Energy Commission (CEC) information regarding Local Government's facility, including Local Government's name and Generating Facility location, size, and

operational characteristics, as requested from time to time pursuant to the CEC's rules and regulations on all accounts identified in Appendix A.

E. Notices - Mailing Instructions and Assistance

When this RES-BCT Application has been completed it should be mailed, along with the required attachments and any applicable fees, to:

PG&E'S P.O. BOX ADDRESS	PG&E'S STREET ADDRESS
Pacific Gas and Electric Company Attention: Generation Interconnection Services Mail Code N7L P.O. Box 770000 San Francisco, California 94177	Pacific Gas and Electric Company Attention: Generation Interconnection Services Mail Code N7L 245 Market St. San Francisco, California 94105

Phone calls and questions may be directed to the Generation Interconnection Services' hotline at: 415-972-5676 or an electronic application may be submitted to gen@pge.com

F. Governing Law

This RES-BCT Application shall be interpreted, governed, and construed under the laws of the State of California as if executed and to be performed wholly within the State of California.

G. Term Of RES-BCT Application

After receipt of all applicable fees, required documents, and this completed RES-BCT Application, this RES-BCT Application shall become effective on the date of PG&E issues the permission to operate letter. This RES-BCT Application shall continue in full force and effect until terminated by either Party providing 30-days prior written notice to the other Party, or when a new Local Government takes service with PG&E operating this approved generating facility. This new Local Government will be interconnected subject to the terms and conditions as set forth in Schedule RES-BCT and Rule 21.

H. Governing Authority

This Application shall at all times be subject to such changes or modification by the Public Utilities Commission of the State of California as said Commission may, from time to time, direct in the exercise of its jurisdiction.

I. Appendix A

Attached to this RES-BCT Application is *Appendix A - Designation of Bill Credits Allocation Percentages to Arrangement Accounts*.

J. Appendix B

Attached to this RES-BCT Application is Appendix B – *RES-BCT Applicant Certification that it Meets the Definition of a Local Government, as Defined In Public Utilities Section 2830(a)*. Please read, sign and return Appendix B to PG&E as a part of this RES-BCT Application, certifying that this RES-BCT Application is for a "Local Government" as defined, and that all of the service agreements listed on Appendix A are accounts for this same Local Government.

Local Government Name _____
(Please Print):

(Signature): _____ Date: _____

Title: _____

A copy of this signed RES-BCT Application should be retained with the "Permission to Operate" letter to confirm project approval.

Appendix A – Designation of Bill Credit Allocation Percentages to RES-BCT Arrangement Accounts

Project Identification Number _____ (for PG&E's use only)

Section 1 Instructions

1) Complete the section below.

Local Government Name	Address	Date
Name:		
Contact Name:		
Contact Title:		

2) Is this application for a new Arrangement or a reallocation for an existing Arrangement? (For an existing Arrangement, Local Governments may not change the Credit Allocation Percentages more frequently than once in any 12 month period.

This Appendix A to the RES-BCT Application is for an allocation for the initial New Arrangement:

This Appendix A to the RES-BCT Application is for a reallocation for an existing Arrangement:

3) Please use the attached Appendix A Section 2 page to list all Benefiting Accounts that are located in the Arrangement that will be taking service on RES-BCT. Include the Generating Account, and all Benefiting Accounts.

4) Please note for each row:

- **Account Type** - check the one box corresponding to the type of account (that is, Generating or Benefiting Account). There must be at least one Generating Account and one Benefiting Account listed. Every row (account) should have one and only one of these 2 boxes checked. *(Required)*. A Rule 21 Application and Interconnection Agreement as described in Section A of the RES-BCT Application will need to be submitted for the Generating Facility at each Generating Account listed below. In the "Designated Account..." column, designate the ONE account to which PG&E should apply any remaining true-up credit as described in the RES-BCT Special Condition 2(h). It may not be the generator account.
- **Account Address** - Provide an address, including unit number, for all Accounts. *(Required)*
- **Name** - For Generating and Benefiting Accounts, the Account Holder's name must be entered. *(Required)*
- **PG&E Account Number** - Enter the PG&E Account number for all accounts. *(Required)*
- **Otherwise Applicable Rate Schedule** – Enter the PG&E Otherwise Applicable Rate Schedule (OAS) for all accounts. *(Required)*
- **Bill Credit Allocation Percentage** – For each Generating and Benefiting Account listed, enter the Bill Credit Allocation Percentage to the nearest whole percentage. The total of all Bill Credit Allocation Percentages must equal 100%.
- **Appendix A, Section 2 Page Numbers** – In the space provided on the bottom of each page, please mark the page number and total number of pages for your Appendix A, Section 2 Account List. (Start with Page 1 and do not count the page numbers for these two instruction pages.) Note that no more than 50 Benefiting Accounts may be included in an Arrangement.

Please complete this RES-BCT Application in its entirety

Local Governments are encouraged to not allocate more Bill Credit to an account than will be used annually. If any additional Bill Credit pursuant to RES-BCT Special Condition 2 (c),(d) and (g) remains, PG&E will review the true up bills for the Generating Account and Benefiting Accounts to determine if any charges for the generation component of the energy charge remain to be credited. If yes, PG&E will apply the remaining Bill Credit to the Designated Account. Local Governments are encouraged to not allocate more Bill Credit to an account than will be used annually.

Section 2

#	Account Type Check only one box for each row (required field)			Account Address (required field)	For Benefiting and Generating Account, List Name on Account,	(Required field for All Accounts)	(Required field for All Accounts)	(Required Field for All Accounts)
	Generator Account	Benefiting Account	Designated Account Check <i>only one</i> account <u>Must not be a generator account</u>			PG&E Account Number	Otherwise Applicable Rate Schedule (OAS) under RES-BCT	Bill Credit Allocation Percentage (to the nearest whole percentage)
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Total Bill Credit Allocation Percentage for all accounts over all pages must equal 100% _____								

Project Identification Number _____ (for PG&E's use only) Account List - Appendix A Section 2 – Page _____ of _____

- Note 1) The capacity of all Eligible Renewable Generating Facilities on each Generating Account in the Arrangement must not total more than 5 megawatts.
- Note 2) There must be no more than 50 Benefiting Accounts in an Arrangement.
- Note 3) The Monthly Billing Setup Recovery Charge for the Arrangement from the RES-BCT tariff will be billed to each Generating Account listed, unless otherwise noted.

Please complete this RES-BCT Application in its entirety

Appendix B – RES-BCT Applicant Certification that it Meets the Definition of a Local Government, as Defined In Public Utilities Section 2830(a)

Project Identification Number _____ (for PG&E's use only)

The applicant completing this “*Local Government Application for An Arrangement To Take Service on Rate Schedule RES-BCT With Interconnected Eligible Renewable Generation of Not More Than 5 Megawatts*” (Application) certifies that it is a Local Government that meets the definition of a “Local Government” as defined in Public Utilities code (PU) Section 2830 (a) (6) and, where applicable, PU Section 2830 (a) (3).

PU Code § 2830 (a) (6) reads as follows:

"Local government" means a city, county, whether general law or chartered, city and county, special district, school district, political subdivision, or other local public agency, but shall not mean a joint powers authority, the state or any agency or department of the state, other than an individual campus of the University of California or the California State University.

And a campus is defined in PU Code 2830 (a) (3) as:

"Campus" means an individual community college campus, individual California State University campus, or individual University of California campus.

In addition applicant certifies that all of the service agreements listed on Appendix A – *Designation of Bill Credit Allocation Percentages to RES-BCT Arrangement Accounts* are accounts for this same Local Government.

I am duly authorized to make this certification on behalf of the Local Government submitting this RES-BCT Application.

Name: _____

Title: _____

Authorized Signature: _____

Date _____

Please complete this RES-BCT Application in its entirety



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Sheet 1

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79-978	Interconnection Agreement for Net Energy Metering of Solar or Wind Electric Generating Facilities 1,000 Kilowatts or less, other than Residential or Small Commercial Facilities of 10 kW or Less.....	32039-E*
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79-1130	Customer Request Form not to Receive Net Surplus Compensation	30639-E
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79-1137	Interconnection Agreement for Net Metering for a Renewable Electrical Generation Facility of 1,000 Kilowatts or Less	32049-E*
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**PG&E Gas and Electric
Advice Filing List
General Order 96-B, Section IV**

1st Light Energy	Department of General Services	North America Power Partners
AT&T	Department of Water Resources	North Coast SolarResources
Alcantar & Kahl LLP	Dept of General Services	Northern California Power Association
Ameresco	Douglass & Liddell	Occidental Energy Marketing, Inc.
Anderson & Poole	Downey & Brand	OnGrid Solar
BART	Duke Energy	PG&E
Barkovich & Yap, Inc.	Economic Sciences Corporation	Praxair
Bartle Wells Associates	Ellison Schneider & Harris LLP	R. W. Beck & Associates
Bloomberg	Foster Farms	RCS, Inc.
Bloomberg New Energy Finance	G. A. Krause & Assoc.	SCD Energy Solutions
Boston Properties	GLJ Publications	SCE
Braun Blaising McLaughlin, P.C.	GenOn Energy Inc.	SMUD
Brookfield Renewable Power	GenOn Energy, Inc.	SPURR
CA Bldg Industry Association	Goodin, MacBride, Squeri, Schlotz & Ritchie	San Francisco Public Utilities Commission
CENERGY POWER	Green Power Institute	Seattle City Light
CLECA Law Office	Hanna & Morton	Sempra Utilities
California Cotton Ginners & Growers Assn	Hitachi	Sierra Pacific Power Company
California Energy Commission	In House Energy	Silicon Valley Power
California League of Food Processors	International Power Technology	Silo Energy LLC
California Public Utilities Commission	Intestate Gas Services, Inc.	Southern California Edison Company
Calpine	Lawrence Berkeley National Lab	Spark Energy, L.P.
Cardinal Cogen	Los Angeles County Office of Education	Sun Light & Power
Casner, Steve	Los Angeles Dept of Water & Power	Sunrun Inc.
Center for Biological Diversity	MAC Lighting Consulting	Sunshine Design
Chris, King	MRW & Associates	Sutherland, Asbill & Brennan
City of Palo Alto	Manatt Phelps Phillips	Tecogen, Inc.
City of Palo Alto Utilities	Marin Energy Authority	Tiger Natural Gas, Inc.
City of San Jose	McKenna Long & Aldridge LLP	TransCanada
City of Santa Rosa	McKenzie & Associates	Turlock Irrigation District
Clean Energy Fuels	Merced Irrigation District	United Cogen
Clean Power	Modesto Irrigation District	Utility Cost Management
Coast Economic Consulting	Morgan Stanley	Utility Specialists
Commercial Energy	Morrison & Foerster	Verizon
Consumer Federation of California	Morrison & Foerster LLP	Wellhead Electric Company
Crossborder Energy	NLine Energy, Inc.	Western Manufactured Housing Communities Association (WMA)
Davis Wright Tremaine LLP	NRG West	eMeter Corporation
Day Carter Murphy	NaturEner	
Defense Energy Support Center	Norris & Wong Associates	