

# CONTRACT ROUTING SHEET

Date Prepared: 9/10/18

Need Date: 9/21/18

**PROCESSING DEPARTMENT:**

Department: CAO Facilities

Dept. Contact: Russ Fackrell

Phone #: 7596

Department DIVISION

Head Signature: *[Signature]*

**CONTRACTOR:**

Name: PG&E

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

**CONTRACTING DEPARTMENT:** CAO Facilities

Service Requested: Legal review of PG&E Interconnection Agreement

Contract Term: NA Contract Value: NA

Compliance with Human Resources requirements? Yes: NA No: \_\_\_\_\_

Compliance verified by: NA

**COUNTY COUNSEL:** (Must approve all contracts and MOU's)

Approved: *[Signature]* Disapproved: \_\_\_\_\_ Date: 9/27/18 By: *[Signature]*

Approved: *[Signature]* Disapproved: \_\_\_\_\_ Date: \_\_\_\_\_ By: \_\_\_\_\_

*See edits and comments as noted.*

PLEASE FORWARD TO RISK MANAGEMENT. THANKS!

**RISK MANAGEMENT:** (All contracts and MOU's except boilerplate grant funding agreements)

Approved: *[Signature]* Disapproved: \_\_\_\_\_ Date: 10/1/18 By: *[Signature]*

Approved: \_\_\_\_\_ Disapproved: \_\_\_\_\_ Date: \_\_\_\_\_ By: \_\_\_\_\_

EL DORADO COUNTY COUNSEL  
2018 SEP 11 PM 3:17

**OTHER APPROVAL:** (Specify department(s) participating or directly affected by this contract).

Departments: \_\_\_\_\_

Approved: \_\_\_\_\_ Disapproved: \_\_\_\_\_ Date: \_\_\_\_\_ By: \_\_\_\_\_

Approved: \_\_\_\_\_ Disapproved: \_\_\_\_\_ Date: \_\_\_\_\_ By: \_\_\_\_\_

443121 HR/RM OCT 1 '18



GENERATING FACILITY INTERCONNECTION AGREEMENT FOR LOCAL GOVERNMENT RENEWABLE ENERGY SELF-GENERATION BILL CREDIT TRANSFER (RES-BCT)

This Generating Facility Interconnection Agreement for Local Government Renewable Energy Self-Generation Bill Credit Transfer (RES-BCT), (Agreement) is entered into by and between County of El Dorado, a Governmental Agency (Producer), and Pacific Gas and Electric Company (PG&E) a California Corporation. Producer and PG&E are sometimes also referred to in this Agreement jointly as "Parties" or individually as "Party." In consideration of the mutual promises and obligations stated in this Agreement and its attachments, the Parties agree as follows:

1. SCOPE AND PURPOSE

This Agreement provides for Producer to interconnect and operate a Local Government Renewable Energy Self Generation Bill Credit Transfer Generating Facility in parallel with PG&E's Distribution System to serve the electrical loads connected to the electric service account that PG&E uses to interconnect Producer's Generating Facility (or, where permitted under Section 218 of the California Public Utilities Code (PUC), the electric loads of an on-site or neighboring party lawfully connected to Producer's Generating Facility through Producer's circuits).

2. SUMMARY AND DESCRIPTION OF PRODUCER'S GENERATING FACILITY

2.1. A description of the Generating Facility, including a summary of its significant components and a single-line diagram showing the general arrangement of how Producer's Generating Facility and loads are interconnected with PG&E's Distribution System, are attached to and made a part of this Agreement. (Supplied by Producer as Appendix A).

2.2. Generating Facility identification number: 30S440438 (Assigned by PG&E).

2.3. Producer's electric service agreement ID number: (Assigned by PG&E).

2.4. Name and address used by PG&E to locate the electric service account used to interconnect the Generating Facility with PG&E's Distribution System:

Name: County of El Dorado

Address:

City/Zip Code: Diamond Springs, CA 95619

2.5. The Gross Nameplate Rating of the Generating Facility is: 2,280 kW.

2.6. The Net Nameplate Rating of the Generating Facility is 2,280 kW.

2.7. The expected annual energy production of the Generating Facility is kWh.

2.8. For the purpose of securing the Competition Transition Charge exemption available under Section 372 of the California Public Utilities Code (PUC), Producer hereby declares that the Generating Facility does / X does not meet the



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requirements for Cogeneration as such term is used in Section 216.6 of the California Public Utilities Code.

- 2.9. The Generating Facility's expected date of Initial Operation is November 30, 2019. The expected date of Initial Operation shall be within two years of the date of this Agreement.

### 3. DOCUMENTS INCLUDED; DEFINED TERMS

- 3.1. This Agreement includes the following exhibits which are specifically incorporated herein and made a part of this Agreement.

Appendix A-	Description of Generating Facility and Single-Line Diagram (Supplied by Producer).
Appendix B-	Copies of Rules 2 and 21 and other selected rules and tariffs of PG&E (Supplied by PG&E).
Appendix C-	A Copy of PG&E's Agreement for Installation of Allocation of Special Facilities for Parallel Operation of Nonutility-Owned Generation and/or Electrical Standby Service (Form 79-280) (Special Facility Agreement), if applicable, (Formed by the Parties).
Appendix D-	Producer Warranty that it Meets the Requirements for an Eligible Customer-Generator and is an Eligible Renewable Electrical Generation Facility Pursuant to Section 2830 of the California Public Utilities Code
Appendix E-	Producer Certification that it meets the Definition of a Local Government, as Defined in Public Utilities Section 2830(A)

- 3.2. When initially capitalized, whether in the singular or in the plural, the terms used herein shall have the meanings assigned to them either in this Agreement or in PG&E's Rule 21, Section C.

### 4. TERM AND TERMINATION

- 4.1. This Agreement shall become effective as of the last date entered in Section 18, below. The Agreement shall continue in full force and effect until the earliest date that one of the following events occurs:

- The Parties agree in writing to terminate the Agreement.
- Unless otherwise agreed in writing by the Parties, at 12:01 A.M. on the day following the date the electric service account through which Producer's Generating Facility is interconnected to PG&E's Distribution System is closed or terminated.
- At 12:01 A.M. on the 61st day after Producer or PG&E provides written Notice pursuant to Section 11 below to the other Party of Producer's or PG&E's intent to terminate this Agreement.

- 4.2. Producer may elect to terminate this Agreement pursuant to the terms of Section 4.1(c) for any reason. PG&E may elect to terminate this Agreement



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pursuant to the terms of Section 4.1(c) for one or more of the following reasons:

- (a) A change in applicable rules, tariffs, and regulations, as approved or directed by the Commission, or a change in any local, state or federal law, statute or regulation, either of which materially alters or otherwise affects PG&E's ability or obligation to perform PG&E's duties under this Agreement; or,
- (b) Producer fails to take all corrective actions specified in PG&E's Notice that Producer's Generating Facility is out of compliance with the terms of this Agreement within the time frame set forth in such Notice; or,
- (c) Producer fails to interconnect and operate the Generating Facility per the terms of this Agreement prior to 120 days after the date set forth in Section 2.9, above, as the Generating Facility's expected date of Initial Operation; or,
- (d) Producer abandons the Generating Facility. PG&E shall deem the Generating Facility to be abandoned if PG&E determines, in its sole opinion, the Generating Facility is non-operational and Producer does not provide a substantive response to PG&E Notice of its intent to terminate this Agreement as a result of Producer's apparent abandonment of the Generating Facility affirming Producer's intent and ability to continue to operate the Generating Facility.

4.3. Notwithstanding any other provisions of this Agreement, PG&E shall have the right to unilaterally file with the Commission, pursuant to the Commission's rules and regulations, an application to terminate this Agreement.

4.4. Any agreements attached to and incorporated into this Agreement shall terminate concurrently with this Agreement unless the Parties have agreed otherwise in writing.

### 5. GENERATING FACILITY, OPERATION AND CERTIFICATION REQUIREMENTS

5.1. If Producer declares that its Generating Facility meets the requirements for Cogeneration as such term is used in Section 216.6 of the PUC (or any successor definition of Cogeneration) (Cogeneration Requirements), Producer warrants that, beginning on the date of Initial Operation and continuing throughout the term of this Agreement, its Generating Facility shall continue to meet such Cogeneration Requirements. If Producer becomes aware that its Generating Facility has ceased to meet the Cogeneration Requirements, Producer shall promptly provide PG&E with Notice of such change pursuant to Section 11.1 below. If at any time during the term of this Agreement PG&E determines in its sole discretion that Producer's Generating Facility may no longer meet the Cogeneration Requirements, PG&E may require Producer to provide evidence that its Generating Facility continues to meet the Cogeneration Requirements within 15 business days of PG&E's request for such evidence. Additionally, PG&E may periodically (typically, once per year) inspect Producer's Generating Facility and/or require documentation from Producer to monitor the Generating Facility's compliance with Section 216.6 of the PUC. If PG&E determines in its sole judgment that Producer either failed to provide



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evidence in a timely manner or that it provided insufficient evidence that its Generating Facility continues to meet the Cogeneration Requirements, then the Cogeneration status of the Generating Facility shall be deemed ineffective until such time as Producer again demonstrates to PG&E's reasonable satisfaction that the Generating Facility meets the requirements for a Cogeneration facility (the Status Change).

5.1.1. PG&E shall revise its records and the administration of this Agreement to reflect the Status Change and provide Notice to Producer of the Status Change pursuant to Section 11.1 below. This Notice shall specify the effective date of the Status Change. This date shall be the first day of the calendar year for which PG&E determines in its sole discretion that the Generating Facility first ceased to meet the Cogeneration Requirements. PG&E's Notice shall include an invoice for Competition Transition Charges (CTCs) that were not previously billed during the period between the effective date of the Status Change and the date of the Notice in reliance upon Producer's representations that the Generating Facility complied with the Cogeneration Requirements and therefore was eligible for the exemption from CTCs available under Section 372 of the PUC.

5.1.2. Any amounts to be paid or refunded by Producer, as may be invoiced by PG&E pursuant to the terms of this Section 5.1, shall be paid to PG&E within 30 days of Producer's receipt of such invoice.

### 6. INTERCONNECTION FACILITIES

- 6.1. Producer and/or PG&E, as appropriate, shall provide Interconnection Facilities that adequately protect PG&E's Distribution System, personnel, and other persons from damage or injury, which may be caused by the operation of Producer's Generating Facility.
- 6.2. Producer shall be solely responsible for the costs, design, purchase, construction, operation, and maintenance of the Interconnection Facilities that Producer owns.
- 6.3. If the provisions of PG&E's Rule 21, or any other tariff or rule approved by the Commission, requires PG&E to own and operate a portion of the Interconnection Facilities, Producer and PG&E shall promptly execute a Special Facilities Agreement that establishes and allocates responsibility for the design, installation, operation, maintenance, and ownership of the Interconnection Facilities. This Special Facilities Agreement shall be attached to and made a part of this Agreement as Appendix C.

### 7. DISTRIBUTION UPGRADES

The Distribution Provider shall design, procure, construct, install, and own the Distribution Upgrades described in a Special Facilities Agreement attached to and made a part of this Agreement as Appendix C. The actual cost of the Distribution Upgrades, including overheads, shall be directly assigned to the Interconnection Customer.



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8. NETWORK UPGRADES

- 8.1. No portion of this Section 8 shall apply unless the interconnection of the Generating Facility requires Network Upgrades.
- 8.2. The Distribution Provider or the Distribution Owner shall design, procure, construct, install, and own the Network Upgrades described in Attachment 6 of this Agreement. Unless the Distribution Provider elects to pay for Network Upgrades, the actual cost of the Network Upgrades, including overheads, shall be borne by the Interconnection Customer unless Section 8.2.1 directs otherwise.
- 8.2.1. To the extent that the CAISO Tariff, as referenced in Rule 21 section E.4, provides for cash repayment to interconnection customers for contribution to the cost of Network Upgrades, the Interconnection Customer shall be entitled to a cash repayment, equal to the total amount paid to the Distribution Provider and Affected System operator, if any, for Network Upgrades, including any tax gross-up or other tax-related payments associated with the Network Upgrades, and not otherwise refunded to the Interconnection Customer, to be paid to the Interconnection Customer on a dollar-for-dollar basis for the non-usage sensitive portion of transmission charges, as payments are made under the Distribution Provider's Tariff and Affected System's Tariff for transmission services with respect to the Generating Facility. Any repayment shall include interest calculated in accordance with the methodology set forth in FERC's regulations at 18 C.F.R. §35.19a(a)(2)(iii) from the date of any payment for Network Upgrades through the date on which the Interconnection Customer receives a repayment of such payment pursuant to this subparagraph. The Interconnection Customer may assign such repayment rights to any person. To the extent that the CAISO Tariff does not provide for cash repayment to interconnection customers for contribution to the cost of Network Upgrades, Interconnection Customer is not entitled to a cash repayment for amounts paid to the Distribution Provider and Affected System operator for Network Upgrades, and no cash repayment shall be made pursuant to this Agreement.



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8.2.1.1. If the Interconnection Customer is entitled to a cash repayment pursuant to Article 8.2.1, the Interconnection Customer, the Distribution Provider, and any applicable Affected System operators may adopt any alternative payment schedule that is mutually agreeable so long as the Distribution Provider and said Affected System operators take one of the following actions no later than five years from the Commercial Operation Date: (1) return to the Interconnection Customer any amounts advanced for Network Upgrades not previously repaid, or (2) declare in writing that the Distribution Provider or any applicable Affected System operators will continue to provide payments to the Interconnection Customer on a dollar-for-dollar basis for the nonusage sensitive portion of transmission charges, or develop an alternative schedule that is mutually agreeable and provides for the return of all amounts advanced for Network Upgrades not previously repaid; however, full reimbursement shall not extend beyond twenty (20) years from the commercial operation date.

8.2.1.2. If the Generating Facility fails to achieve commercial operation, but it or another generating facility is later constructed and requires use of the Network Upgrades, the Distribution Provider and Affected System operator shall at that time reimburse the Interconnection Customer for the amounts advanced for the Network Upgrades if the Interconnection Customer is entitled to a cash repayment pursuant to Article 8.2.1. Before any such reimbursement can occur, the Interconnection Customer, or the entity that ultimately constructs the generating facility, if different, is responsible for identifying the entity to which reimbursement must be made.

8.3. Notwithstanding any other provision of this Agreement, nothing herein shall be construed as relinquishing or foreclosing any rights, including but not limited to firm transmission rights, capacity rights, transmission congestion rights, or transmission credits, that the Interconnection Customer shall be entitled to, now or in the future, under any other agreement or tariff as a result of, or otherwise associated with, the transmission capacity, if any, created by the Network Upgrades, including the right to obtain cash reimbursements or transmission credits for transmission service that is not associated with the Generating Facility.

### 9. LIMITATION OF LIABILITY

Each Party's liability to the other Party for any loss, cost, claim, injury, liability, or expense, including reasonable attorney's fees, relating to or arising from any act or omission in its performance of this agreement, shall be limited to the amount of direct damage actually incurred. In no event shall either Party be liable to the other Party for any indirect, special, consequential, or punitive damages of any kind whatsoever.

### 10. INSURANCE



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- 10.1. In connection with Producer's performance of its duties and obligations under this Agreement, Producer shall maintain, during the term of this Agreement, general liability insurance with a combined single limit of not less than:
- (a) Two million dollars (\$2,000,000) for each occurrence if the Gross Nameplate Rating of Producer's Generating Facility is greater than one hundred (100) kW;
  - (b) One million dollars (\$1,000,000) for each occurrence if the Gross Nameplate Rating of Producer's Generating Facility is greater than twenty (20) kW and less than or equal to one hundred (100) kW; and
  - (c) Five hundred thousand dollars (\$500,000) for each occurrence if the Gross Nameplate Rating of Producer's Generating Facility is twenty (20) kW or less.
  - (d) Two hundred thousand dollars (\$200,000) for each occurrence if the Gross Nameplate Rating of Producer's Generating Facility is ten (10) kW or less and Producer's Generating Facility is connected to an account receiving residential service from PG&E.

Such general liability insurance shall include coverage for "Premises-Operations, Owners and Contractors Protective, Products/Completed Operations Hazard, Explosion, Collapse, Underground, Contractual Liability, and Broad Form Property Damage including Completed Operations."

- 10.2. The general liability insurance required in Section 10.1 shall, by endorsement to the policy or policies, (a) include PG&E as an additional insured; (b) contain a severability of interest clause or cross-liability clause; (c) provide that PG&E shall not by reason of its inclusion as an additional insured incur liability to the insurance carrier for payment of premium for such insurance; and (d) provide for thirty (30) calendar days' written notice to PG&E prior to cancellation, termination, alteration, or material change of such insurance.
- 10.3. Evidence of the insurance required in Section 10.2 shall state that coverage provided is primary and is not in excess to or contributing with any insurance or self-insurance maintained by PG&E.
- 10.4. Producer agrees to furnish the required certificates and endorsements to PG&E prior to Initial Operation. PG&E shall have the right to inspect or obtain a copy of the original policy or policies of insurance.
- 10.5. If Producer is self-insured with an established record of self-insurance, Producer may comply with the following in lieu of Sections 10.1 through 10.3:
- (a) Producer shall provide to, PG&E, at least thirty (30) calendar days prior to the date of Initial Operation, evidence of an acceptable plan to self-insure to a level of coverage equivalent to that required under Section 11.1.
  - (b) If Producer ceases to self-insure to the level required hereunder, or if Producer are unable to provide continuing evidence of Producer's ability to





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self-insure, Producer agrees to immediately obtain the coverage required under Section 10.1.

10.6. All insurance certificates, statements of self-insurance, endorsements, cancellations, terminations, alterations, and material changes of such insurance shall be issued and submitted via email or fax to the following:

Pacific Gas and Electric Company
c/o EXIGIS LLC
support@exigis.com
Fax: 646-755-3327

11. NOTICES

11.1. Any written notice, demand, or request required or authorized in connection with this Agreement (Notice) shall be deemed properly given if delivered in person or sent by first class mail, postage prepaid, to the person specified below:

If to PG&E: Pacific Gas and Electric Company
Attention: Electric Generation Interconnection - Contract Management
245 Market Street
Mail Code N7L
San Francisco, California 94105-1702

If to Producer:
Producer Name: County of El Dorado
Address: 3000 Fairlane Court, Suite 1
City: Placerville, CA 95667
Phone: ( 530 ) 621-7596
FAX: ( )

11.2. A Party may change its address for Notices at any time by providing the other Party Notice of the change in accordance with Section 12.1.

11.3. The Parties may also designate operating representatives to conduct the daily communications, which may be necessary or convenient for the administration of this Agreement. Such designations, including names, addresses, and phone numbers may be communicated or revised by one Party's Notice to the other.

12. REVIEW OF RECORDS AND DATA

12.1. PG&E shall have the right to review and obtain copies of Producer's operations and maintenance records, logs, or other information such as, unit availability, maintenance outages, circuit breaker operation requiring manual reset, relay targets and unusual events pertaining to Producer's Generating Facility or its interconnection with PG&E's Distribution System.

12.2. Producer authorizes to release to the California Energy Commission (CEC)



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information regarding Producer's facility, including customer name, location, size, and operational characteristics of the unit, as requested from time to time pursuant to the CEC's rules and regulations.

13. ASSIGNMENT

Producer shall not voluntarily assign its rights nor delegate its duties under this Agreement without PG&E's written consent. Any assignment or delegation Producer makes without PG&E's written consent shall not be valid. PG&E shall not unreasonably withhold its consent to Producer's assignment of this Agreement.

14. NON-WAIVER

None of the provisions of this Agreement shall be considered waived by a Party unless such waiver is given in writing. The failure of a Party to insist in any one or more instances upon strict performance of any of the provisions of this Agreement or to take advantage of any of its rights hereunder shall not be construed as a waiver of any such provisions or the relinquishment of any such rights for the future, but the same shall continue and remain in full force and effect.

15. GOVERNING LAW, JURISDICTION OF COMMISSION, INCLUSION OF PG&E's TARIFF SCHEDULES AND RULES

15.1. This Agreement 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 without giving effect to choice of law provisions that might apply to the law of a different jurisdiction.

15.2. This Agreement shall, at all times, be subject to such changes or modifications by the Commission as it may from time to time direct in the exercise of its jurisdiction.

15.3. The interconnection and services provided under this Agreement shall at all times be subject to the terms and conditions set forth in the Tariff Schedules and Rules applicable to the electric service provided by, PG&E, which Tariff Schedules and Rules are hereby incorporated into this Agreement by this reference.

15.4. Notwithstanding any other provisions of this Agreement, PG&E shall have the right to unilaterally file with the Commission, pursuant to the Commission's rules and regulations, an application for change in rates, charges, classification, service, tariff or rule or any agreement relating thereto.

16. AMENDMENT AND MODIFICATION

This Agreement can only be amended or modified in writing, signed by both Parties.

17. ENTIRE AGREEMENT

This Agreement, including any incorporated Tariff Schedules and rules, contains the entire agreement and understanding between the Parties, their agents, and employees as to the subject matter of this Agreement. Each party also represents that in entering into this Agreement, it has not relied on any promise, inducement, representation, warranty,



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agreement or other statement not set forth in this Agreement or in the incorporated tariff schedules and rules.

18. SIGNATURES

IN WITNESS WHEREOF, the Parties hereto have caused two originals of this Agreement to be executed by their duly authorized representatives. This Agreement is effective as of the last date set forth below.

BY:

**COUNTY OF EL DORADO**

**PACIFIC GAS AND ELECTRIC COMPANY**

*(Producer's Company Name)*

\_\_\_\_\_  
*(Signature)*

\_\_\_\_\_  
*(Signature)*

\_\_\_\_\_  
*(Print Name)*

Brandon Tran  
\_\_\_\_\_  
*(Print Name)*

\_\_\_\_\_  
*(Title)*

Supervisor, Electric Generation Interconnection  
\_\_\_\_\_  
*(Title)*

\_\_\_\_\_  
*(Date)*

\_\_\_\_\_  
*(Date)*



*Pacific Gas and  
Electric Company*

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**APPENDIX A**

DESCRIPTION OF GENERATING FACILITY  
AND SINGLE-LINE DIAGRAM,  
(Provided by Producer)

700 LAKESIDE LANDING CIRCLE, STE 140  
 LARKSPUR, CA 94939  
 888-316-2897  
 WWW.TRPV-ALL.COM

THIS DRAWING IS THE COPYRIGHT PROPERTY OF TERRAVERDE RENEWABLE PARTNERS. NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF TERRAVERDE RENEWABLE PARTNERS, INC. THIS DRAWING IS FOR REBCT PROJECT ONLY.

**EV SYSTEM DETAILS**

MODULE INFORMATION	DESCRIPTION
Manufacturer	CADVI
Open Circuit Voltage (Voc)	37.5
Open Circuit Current (Ioc)	3.20
Short Circuit Current (Isc)	3.97
Maximum Power Point Voltage (Vmp)	30.5
Maximum Power Point Current (Imp)	3.10
Temperature Coefficient	-0.0041/W
Module Efficiency	20.5%
Power Loss	1.65 W
Operating Temperature	-40C to 85C
Weight	11.2 lbs
Dimensions (L x W x H)	39" x 19.5" x 1.4"
Series	250W
Model	250W-16-48V
DC System Size (kW)	2,833.92
DC System Size (kVA)	2,833.92
DC System Voltage (V)	480
AC System Nameplate (kW)	2,352.00
AC System Nameplate (kVA)	3.0
AC System Voltage (V)	208
AC System Frequency (Hz)	60
AC System Phase	3-Phase
AC System Wires	3/0
AC System Ground	2/0
DC System Ground	2/0
DC System Grounding (kVA)	2,833.92
DC System Grounding (kVA)	2,833.92
DC System Grounding (kVA)	2,833.92
DC System Grounding (kVA)	2,833.92
DC System Grounding (kVA)	2,833.92
DC System Grounding (kVA)	2,833.92

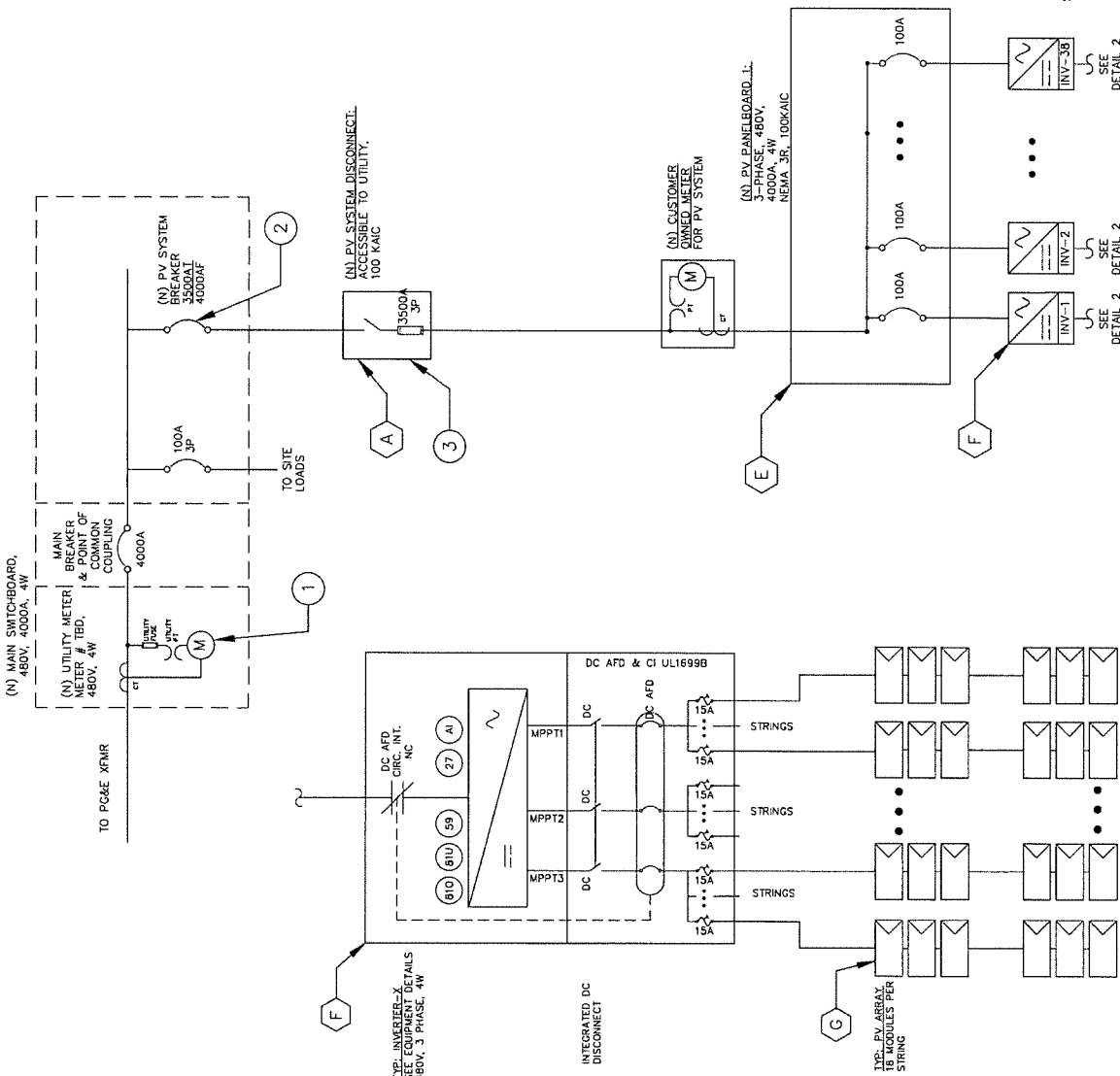


**KEY NOTES:**

- (N) UTILITY METER BI-DIRECTIONAL NET METERING SYSTEM AS REQUIRED (BY UTILITY). METER # TBD.
  - LOAD SIDE POINT OF CONNECTION PER NEC 705.12(D). ALL BUS MODIFICATIONS SHALL BE DONE IN ACCORDANCE TO SWITCHGEAR MANUFACTURER REQUIREMENTS TO ENSURE EQUIPMENT MAINTAINS UL LISTING. SYMMETRICAL FAULT CURRENT FROM GENERATING SYSTEM AT POINT OF INTERCONNECTION- 3818A @480V.
  - PROVIDE ACCESSIBLE LOCKABLE MANUAL DISCONNECT DEVICE WITHIN 10' OF POI PER UTILITY INTERCONNECTION GUIDELINES TO ISOLATE GENERATING FACILITY FROM UTILITY DISTRIBUTION SYSTEM.
- EQUIPMENT NOTES:**
- 4000A 480V 3P FUSED DISCONNECT SWITCH, BOLTSWITCH, VLB3413, NEMA JR BOLT ON ENCLOSURE WITH 3500A 100KAC FUSES. DEVICE SHALL BE LISTED AND APPROVED BY UTILITY AS SUITABLE FOR SYSTEM DISCONNECTING PURPOSES.
  - NOT USED.
  - NOT USED.
  - NOT USED.
  - 4000A 480V PANELBOARD TYPE NEMA JR ENCLOSURE AND C850 AND C850AL. ALL CIRCUIT BREAKERS SHALL BE FULLY RATED AND BI-DIRECTIONAL AS SHOWN.
  - INV-1 TO INV-38: 60KW, 480/277V, 73A, 3φ, 4W STRING INVERTER TYPE, SOLECTRIA PV-601L-480 [S11].
  - 340W, 100VDC SOLAR PV MODULE, CANADIAN SOLAR TYPE C58U-340W.
  - NOT USED.
  - NOT USED.
  - NOT USED.
  - NOT USED.

**KEY NOTES:**

- (N) PV SYSTEM AS SHOWN. SEE NEW PV SYSTEM DETAILS



DETAIL 1:  
AC SINGLE LINE DIAGRAM

DETAIL 2:  
DC SINGLE LINE DIAGRAM

NO.	REVISION / ISSUE	DATE
0.	INTERCONNECTION APPLICATION	19-Dec-17

PROJECT NAME:  
 El Dorado County - RESBCT  
 Industrial Dr.  
 Placerville, CA 95667

SUPPLIER NAME:  
 PROJECT ID#:  
 LOCATION:  
 Ingepaard Dr.  
 Placerville, CA 95667  
 GPS COORDS: -120.827812

DRAWING TITLE:  
 SINGLE LINE DIAGRAM

AUTOCAD FILE NAME: SHEET: E001  
 ED COUNTY-RESBCT\_PV\_12.21.17  
 PLOT FILE NAME: PLOT DATE: 12/28/17  
 DRAWN BY: CHECKED BY: SCALE: 1:1 PLOT TIME: 13:51



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**APPENDIX B**

**RULES “2” AND “21”**

Note: PG&E's electric Rules “2” and “21” may be subject to such changes or modifications by the Commission as the Commission may, from time to time, direct in the exercise of its jurisdiction. PG&E's tariffs, including Rules “2” and “21” can be accessed via the PG&E website at [www.pge.com/tariffs](http://www.pge.com/tariffs). Upon request, PG&E can provide copies to Producer of Rules “2” and “21.”)



*Pacific Gas and  
Electric Company*

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**APPENDIX C (If Applicable)**

**RULE 21 "SPECIAL FACILITIES" AGREEMENT  
(Formed between the Parties)**



**GENERATING FACILITY INTERCONNECTION AGREEMENT FOR LOCAL GOVERNMENT RENEWABLE ENERGY SELF-GENERATION BILL CREDIT TRANSFER (RES-BCT)**

**APPENDIX E**

**PRODUCER CERTIFICATION THAT IT MEETS THE DEFINITION OF A LOCAL GOVERNMENT, AS DEFINED IN PUBLIC UTILITIES SECTION 2830(A)**

The Producer 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 \_\_\_\_\_