



GENERATING FACILITY INTERCONNECTION AGREEMENT FOR NON-EXPORT GENERATING FACILITIES

This *Generating Facility Interconnection Agreement for Non-Export Generating Facilities* (Agreement) is entered into by and between County of Nevada, 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 Non-Export 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: 30S363041 (Assigned by PG&E).

2.3. Producer's electric service account 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 Nevada
Address: 16782 CA-49
City/Zip Code: Nevada City, CA 95959

2.5. The Gross Nameplate Rating of the Generating Facility is: 1,107 kW.

2.6. The Net Nameplate Rating of the Generating Facility is 1104 kW.

2.7. The expected annual energy production of the Generating Facility is 1,837,975 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 / does not meet the requirements for Cogeneration as such term is used in Section 216.6 of the California Public Utilities Code.



GENERATING FACILITY INTERCONNECTION AGREEMENT FOR NON-EXPORT GENERATING FACILITIES

- 2.9. The Generating Facility's expected date of Initial Operation is August 1, 2017.
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-	(When Applicable) Operating Requirements for Energy Storage Device(s).

- 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 16, below. The Agreement shall continue in full force and effect until the earliest date that one of the following events occurs:

- (a) The Parties agree in writing to terminate the Agreement.
- (b) 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.
- (c) At 12:01 A.M. on the 61st day after Producer or PG&E provides written Notice pursuant to Section 9 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 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



GENERATING FACILITY INTERCONNECTION AGREEMENT FOR NON-EXPORT GENERATING FACILITIES

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. The electric power produced by Producer's Generating Facility shall be used solely to serve 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 PUC, the electric loads of an on-site or neighboring party lawfully connected to Producer's Generating Facility through Producer's circuits). Producer shall attempt in good faith to regulate the electric power output of Producer's Generating Facility so as to prevent the flow of electric energy from the Generating Facility to PG&E's electric system. Unless otherwise agreed upon in writing by the Parties, this Agreement does not provide for, nor otherwise require PG&E to receive, purchase, transmit, distribute, or store the electrical power produced by Producer's Generating Facility.

5.2. 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 9.1 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



GENERATING FACILITY INTERCONNECTION AGREEMENT FOR NON-EXPORT GENERATING FACILITIES

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 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).

5.2.1. 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 9.1 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.

5.2.2. Any amounts to be paid or refunded by Producer, as may be invoiced by PG&E pursuant to the terms of this Section 5.2, shall be paid to PG&E within 30 days of Producer's receipt of such invoice.

5.3. If Producer's Generating Facility includes any energy storage device(s), Distribution Provider may provide requirements that must be met by the Producer prior to initiating Parallel Operation with PG&E's Distribution System and throughout the term of this Agreement, including but not limited to the requirements set forth in Appendix D of this Agreement.

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.



GENERATING FACILITY INTERCONNECTION AGREEMENT FOR NON-EXPORT GENERATING FACILITIES

7. 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.

8. INSURANCE

8.1. 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."

8.2. The general liability insurance required in Section 8.1 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.

8.3. If Producer's Generating Facility is connected to an account receiving residential service from PG&E and the requirement of Section 8.2(a) prevents Producer from obtaining the insurance required in Section 8.1, then upon Producer's written Notice to PG&E in accordance with Section 9.1, the requirements of Section 8.2(a) shall be waived.

8.4. Evidence of the insurance required in Section 8.2 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.



GENERATING FACILITY INTERCONNECTION AGREEMENT FOR NON-EXPORT GENERATING FACILITIES

- 8.5. 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.
- 8.6. If Producer is self-insured with an established record of self-insurance, Producer may comply with the following in lieu of Sections 8.1 through 8.4:
- (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 8.1.
 - (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 self-insure, Producer agrees to immediately obtain the coverage required under Section 8.1.
- 8.7. 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

9. NOTICES

- 9.1. 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: [Contact information to be supplied]
Attention: Electric Generation Interconnection - Contract Management
245 Market Street, Mail Code N7L
San Francisco, CA 94105-1702
If to Producer: Lee Ocker, Facilities Manager
Attention: County of Nevada
950 Maidu Avenue
Nevada City, CA 95959
(530) 470-2508
- 9.2. A Party may change its address for Notices at any time by providing the other Party Notice of the change in accordance with Section 9.1.
- 9.3. 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.



GENERATING FACILITY INTERCONNECTION AGREEMENT FOR NON-EXPORT GENERATING FACILITIES

10. REVIEW OF RECORDS AND DATA

- 10.1. 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.
- 10.2. Producer authorizes to release to the California Energy Commission (CEC) 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.

11. 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.

12. 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.

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

- 13.1. 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.
- 13.2. 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.
- 13.3. 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.
- 13.4. 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.

14. AMENDMENT AND MODIFICATION

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



GENERATING FACILITY INTERCONNECTION AGREEMENT FOR NON-EXPORT GENERATING FACILITIES

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

16. 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 Nevada
(Producer's Company Name)

PACIFIC GAS AND ELECTRIC COMPANY

(Signature)

(Signature)

Stephen T. Monaghan
(Print Name)

(Print Name)

Chief Information Officer
(Title)

Supervisor, Electric Generation Interconnection
(Title)

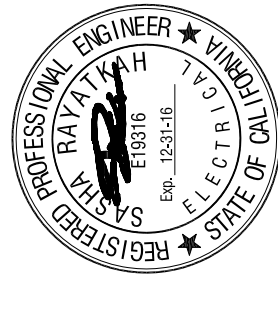
(Date)

(Date)



**GENERATING FACILITY INTERCONNECTION
AGREEMENT FOR NON-EXPORT GENERATING
FACILITIES**

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



ENGINEER'S STAMP

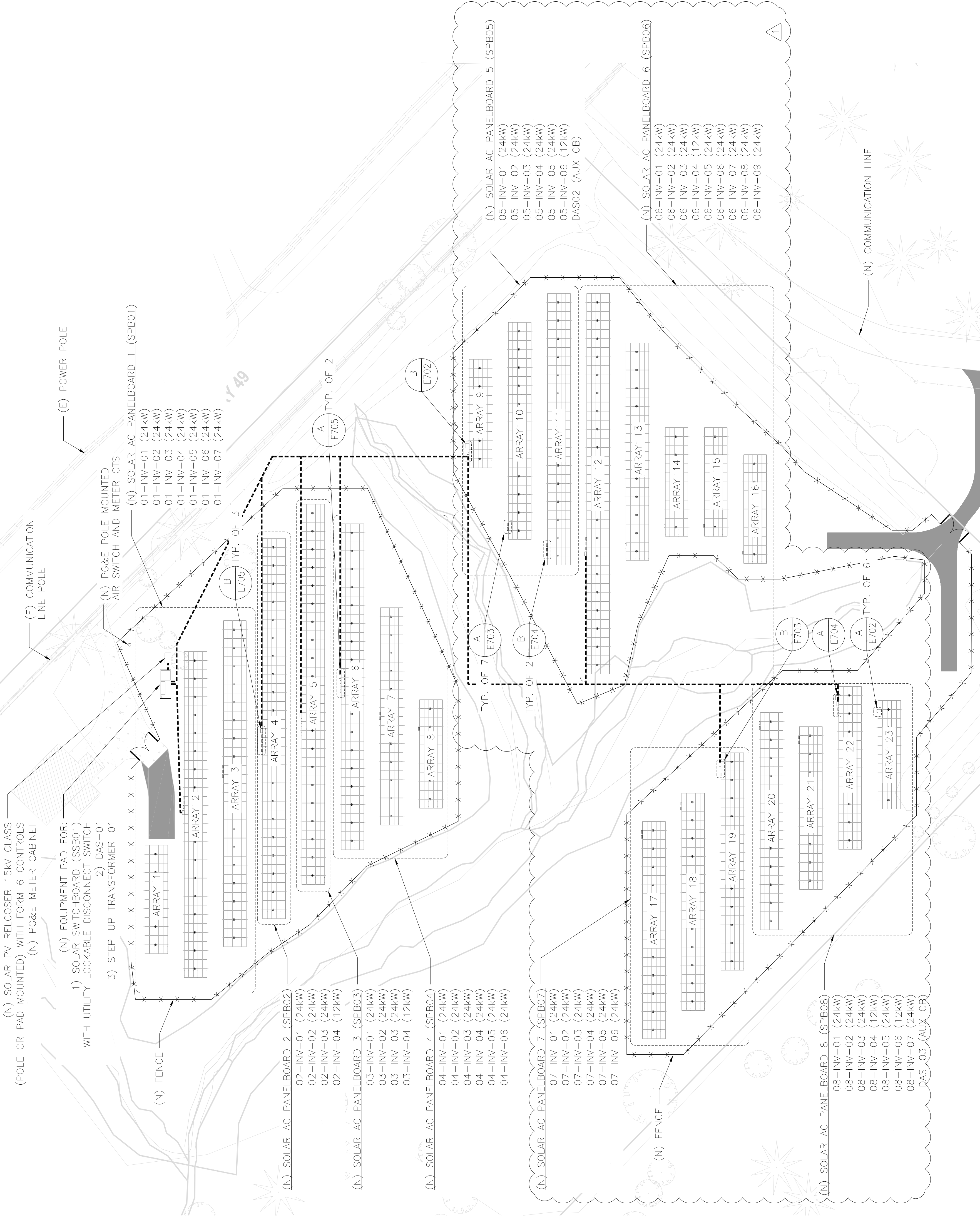
COUNTY OF NEVADA
 RANCH PROPERTY
 16782 HIGHWAY 49
 NEVADA CITY, CA 95959
 ELECTRICAL SITE PLAN

REV	DESIGN #	DESCRIPTION	DATE	DB	SR
1	-	RESPONSE TO PLAN CHECK	11-11-16	EP	SR
0	-	ISSUE FOR PERMIT	09-23-16	EP	SV
0	-	RESPONSE TO PLAN CHECK # 163332	11-11-16	EP	SR

OPPORTUNITY	0001084471
PROJECT	11549
DATE DRAWN	09-23-16
DRAWN BY	EP

11/25/2016 9:40 AM
 11549_E101 ELECTRICAL SITE PLAN.DWG
 SHEET
E101
 1" = 40'-0"

- ELECTRICAL NOTES:**
- PROVIDE AND INSTALL TRENCH (OR LINEBORE) CABLE FROM INVERTERS TO TIE-IN LOCATIONS. SEE E201 FOR CONDUCTOR SIZING. SEE E601 FOR TRENCHING (OR LINEBORE) DETAILS.
 - SEE RESPECTIVE DETAIL FOR EQUIPMENT MOUNTING AT SHEETS E702 - E703.
 - PROVIDE AND INSTALL (1) 1" C. FOR COMMUNICATIONS CABLING BETWEEN ALL INVERTERS AND SMS EQUIPMENT AT EQUIPMENT - SEE SHEET 2/E102 & E901.
 - THE CONTRACTOR IS RESPONSIBLE FOR INVESTIGATING AND VERIFYING THE ACTUAL LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND FACILITIES. PROVIDE AN ACTUAL ROUTING OF TRENCH BASED ON THE UNDERGROUND UTILITIES SURVEY TO SUNPOWER AT LEAST 48 HOURS PRIOR TO PERFORMING THE WORK.
 - ANY EXISTING UTILITIES THAT ARE DAMAGED BY THE CONTRACTOR'S WORK SHALL BE PREPARED AT CONTRACTOR'S COST WHETHER OR NOT UTILITIES ARE INDICATED ON SITE PLANS.
 - TRENCH ROUTING AS SHOWN IS DIAGRAMMATIC AND CONTRACTOR MAY ADJUST TO SUIT FIELD CONDITIONS. PROVIDE SHOP DRAWINGS FOR REVIEW INDICATING ANY CHANGES TO PROPOSED ROUTING AND HANDHOLE LOCATIONS (IF INSTALLED).
 - CONTRACTOR SHALL PROVIDE TRAFFIC RATED HANDHOLES FOR ALL UNDERGROUND ELECTRICAL RUNS EXCEEDING 270 DEGREE BENDS AND AS REQUIRED SO AS NOT TO EXCEED THE MANUFACTURER'S CABLE PULLING TENSION. PROVIDE HANDHOLES WHETHER OR NOT INDICATED ON DRAWINGS.
 - EXISTING UTILITIES ARE BASED ON TOPOGRAPHICAL SURVEY PREPARED BY OTHERS. CONTRACTOR SHALL FIELD VERIFY.



1
 ELECTRICAL SITE PLAN
 1" = 40'-0"

TRENCH/LINETYPE LEGEND

---	NEW AC TRENCH
---	EXISTING UNDERGROUND ELECTRICAL LINE
---	NEW COMMUNICATION LINE

SPECIFIC ELECTRICAL NOTES:

- PROVIDE LAY-IN LUGS TO TAP GROUNDING ELECTRODE CONDUCTOR.
- PROVIDE LINE SIDE CONNECTION IN ACCORDANCE WITH NEC ARTICLE 705-12(A). CABLE NOT TO EXCEED 25' TO OVERCURRENT DEVICE UNLESS APPROVED BY THE ENGINEER OF RECORD. CABLE FROM LINE TO OVERCURRENT DEVICE SHALL BE INSTALLED IN ACCORDANCE WITH NEC ARTICLE 240.92. INTERCONNECTIONS SHALL BE PERFORMED AS SPECIFIED IN SUNPOWER'S LINE SIDE INTERCONNECTION GUIDELINE DOCUMENT (SUNPOWER DOCUMENT # 511123). CONNECTION SHALL OCCUR DOWNSTREAM OF UTILITY'S METER CT'S AND AIR SWITCH.
- THE PHASE TRIP SETTING OF THE PV CIRCUIT BREAKER SHALL BE SET TO THE CALCULATED OCPD VALUE AND GROUND SETTING SHALL BE SET TO THE MINIMAL VALUE.
- METERING AND MONITORING SERVICE PROVIDED IN ACCORDANCE WITH CALIFORNIA SOLAR INITIATIVE REGULATORY REQUIREMENTS. PROVIDE THE FOLLOWING MONITORING SYSTEM TO BE PULLED FROM EXISTING 120V SOURCE INSIDE ELECTRICAL ROOM.
 - CONSULT INVERTER INSTALLATION GUIDE FOR WIRING METHODS AND OPERATING PROCEDURES.
 - PG&E SHALL PROVIDE THE NEW BI-DIRECTIONAL "RTU" PULSE METER UPON REQUEST FROM SUNPOWER. PROVIDE THE NEW BI-DIRECTIONAL "RTU" PULSE METER AND ENERCON CABLE WIRING BETWEEN NEW PG&E BI-DIRECTIONAL PULSE METER AND ENERCON ENCLOSURE.
 - PG&E OVERHEAD DEVICES ARE SHOWN AS REFERENCE ONLY. PG&E SHALL PROVIDE THE DETAILS ON POSITIVE MAIN DEVIATOR DETAIL AFTER INTERCONNECTION APPLICATION REVIEW. SUNPOWER IS NOT RESPONSIBLE FOR THE DESIGN.
 - PG&E SHALL PROVIDE THE NEW METER ENCLOSURE INSTALLATION DETAIL TO SUNPOWER. PG&E SHALL PROVIDE AND BE RESPONSIBLE FOR ALL METER ACCESSORIES INSTALLATION LIKE: CT'S, PT'S, METER ETC.
 - SWITCHBOARD MANUFACTURER SHALL PROVIDE PG&E NET GENERATION OUTPUT METER SECTION PER PG&E RULE 21 HANDBOOK.
- CONTRACTOR SHALL PROVIDE ALL SIGNAGE REQUIRED BY 2013 CEC. REFER TO SUNPOWER SIGNAGE SPECIFICATION DOCUMENT #505614 FOR DETAILS.
- CONTRACTOR SHALL PROVIDE A GROUND FAULT TESTING OF THE EQUIPMENT WITH GFP. CONTRACTOR SHALL HIRE 3RD PARTY TESTING COMPANY TO PERFORM THE WORK.

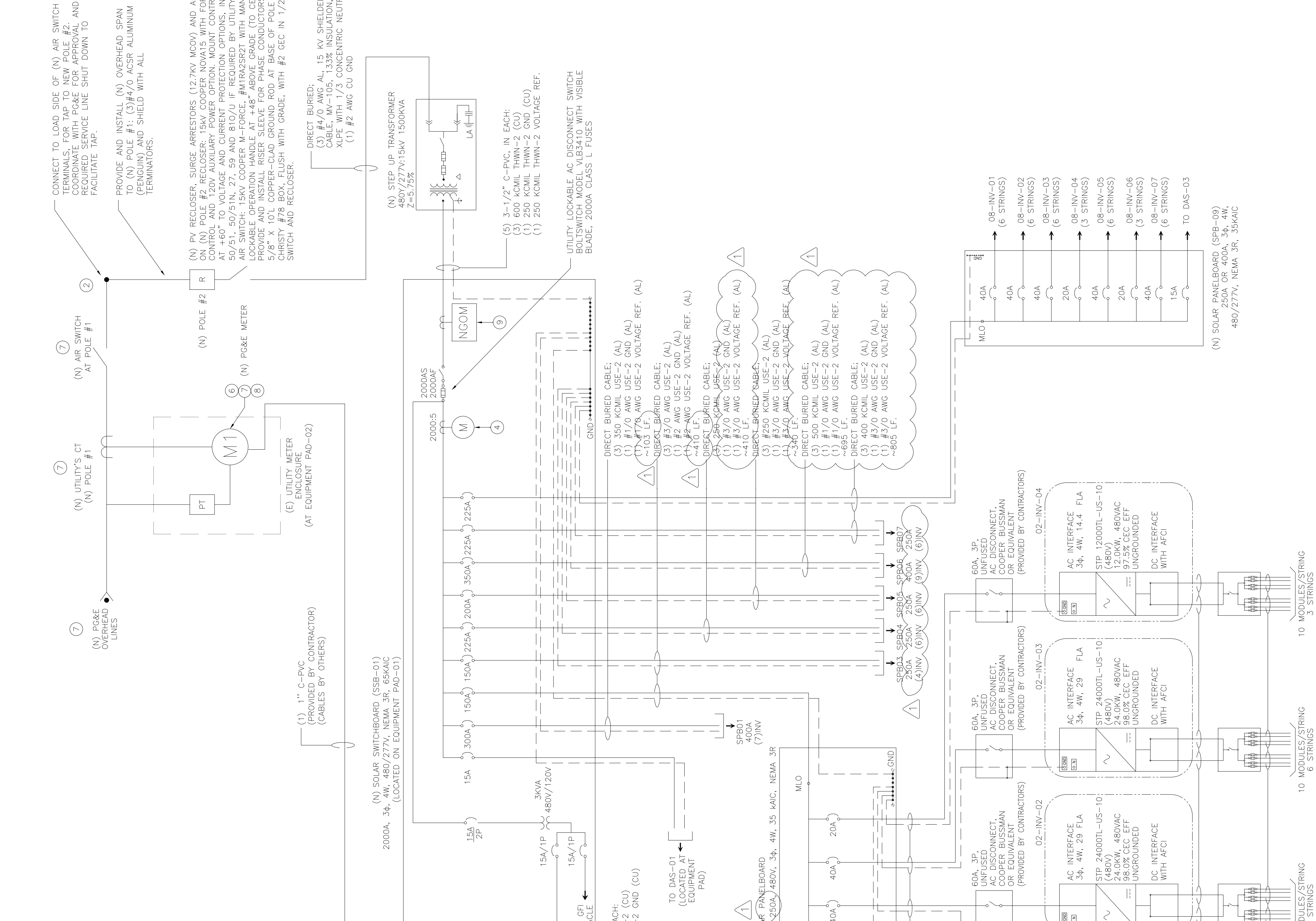
ARRAY #	SPB#	KWP	# OF STRINGS	# OF MODULES	12.0KW INVERTER	
1		26.100	6	60	1	0
2	SPB01	78.300	18	180	3	0
3		78.300	18	180	3	0
4	SPB02	91.350	21	210	3	1
5	SPB03	91.350	21	210	3	1
6		78.300	18	180	3	0
7	SPB04	52.200	12	120	2	0
8		26.100	6	60	1	0
9		26.100	6	60	1	0
10	SPB05	52.200	12	120	2	0
11		65.250	15	150	2	1
12		61.350	21	210	3	1
13		52.200	12	120	2	0
14	SPB06	26.100	6	60	1	0
15		26.100	6	60	1	0
16		26.100	6	60	1	0
17		52.200	12	120	2	0
18	SPB07	52.200	12	120	2	0
19		52.200	12	120	2	0
20		52.200	12	120	2	0
21	SPB08	39.150	9	90	1	1
22		39.150	9	90	1	1
23		26.100	6	60	1	0
		1200.600	276	2760	43	6

EQUIPMENT	DESCRIPTION	QTY
DC DISCONNECT	SMA DC CONNECTION UNIT, 1000VDC	49
INVERTER	SMA SUNNY TRIPOWER 12.00KW	6
INVERTER	SMA SUNNY TRIPOWER 24.00KW	43
SEPARATE AC DISCONNECT	UNUSED AC DISCONNECT, 60A, 600VAC MANUFACTURER : COOPER BUSSMAN OR EQUIVALENT	26
SOLAR PANELBOARD	400A, 480/277V, 3P, 4W, NEMA 3R, 35KAC MANUFACTURER : EATON	2
SOLAR PANELBOARD	250A, 480/277V, 3P, 4W, NEMA 3R, 35KAC MANUFACTURER : EATON	6
SOLAR SWITCHBOARD	2000A, 480/277V, 3P, 4W, NEMA 3R, 65KAC MANUFACTURER : EATON	1
UTILITY LOCKABLE DISCONNECT	2000A, 480/277V, 3P, 4W, NEMA 3R, 2000A MANUFACTURER : VLB1006 BOLTSWITCH INTEGRATED WITHIN SOLAR SWITCHBOARD	1
STEP-UP TRANSFORMER	1500KVA, PRIMARY:480/277V, SECONDARY:12.47KV DELTA MANUFACTURER : COOPER/EATON	1
PV RECLOSER	15KV CLASS, NOV15, 3 PHASE RECLOSER WITH FORM 6 CONTROL MANUFACTURER : COOPER/EATON	1
AIR SWITCH	M-FORCE SWITCH, 600A, 15KV/110 BIL MANUFACTURER : COOPER/EATON, MODEL: MTR2SR2T	1

TOTAL SYSTEM
GFT SYSTEM 1,200.600 KWP 2760 MODULES, SMA SPR-E20-435-COM 10 MODULES PER STRING, 276 STRINGS
INVERTER SYSTEM (TYPE) (43) SMA SUNNY TRIPOWER 24.0KW 26,100 KWP 10 MODULES PER STRING, 6 STRINGS STRING AMPERAGE: 5.97A IMP, 6.43A ISC STRING VOLTAGE: 729.00V VMP, 935.10V VOC
INVERTER SYSTEM (TYPE) (6) SMA SUNNY TRIPOWER 12.0KW 26,100 KWP 10 MODULES PER STRING, 3 STRINGS STRING AMPERAGE: 5.97A IMP, 6.43A ISC STRING VOLTAGE: 729.00V VMP, 935.10V VOC

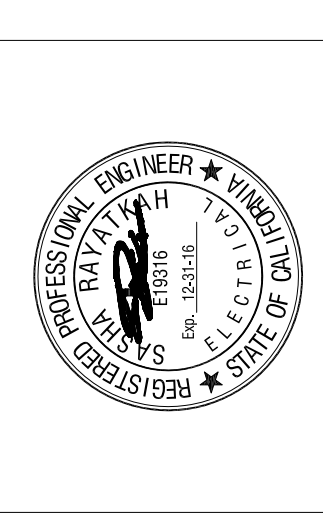
(6) SMA SUNNY TRIPOWER 12.0KW
26,100 KWP
10 MODULES PER STRING, 3 STRINGS
STRING AMPERAGE: 5.97A IMP, 6.43A ISC
STRING VOLTAGE: 729.00V VMP, 935.10V VOC

(30) MODULES, SUNPOWER SPR-E20-435-COM
10 MODULES PER STRING, 3 STRINGS
STRING AMPERAGE: 5.97A IMP, 6.43A ISC
STRING VOLTAGE: 729.00V VMP, 935.10V VOC



SUNPOWER
1414 HARBOUR WAY SOUTH
RICHMOND, CA 94804 USA
(510) 540-0550

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION. REPRODUCTION OR DISSEMINATION OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION FROM SUNPOWER CORPORATION IS STRICTLY FORBIDDEN.



COUNTY OF NEVADA
RANCH PROPERTY
16782 HIGHWAY 49
NEVADA CITY, CA 95959

ELECTRICAL 1-LINE SCHEMATIC

ENGINEER'S STAMP

REVISIONS

REV	DESIGN #	DESCRIPTION	DATE
1	-	ISSUE FOR PERMIT	09-23-16
0	-	RESPONSE TO PLAN CHECK	11-11-16
SR	-		
EP	-		
FR	-		

OPPORTUNITY: 0001084471
PROJECT: 11549
DATE DRAWN: 09-23-16
DRAWN BY: EP
SHEET: E201

1" = 30'-0" (SEE SCALE)



GENERATING FACILITY INTERCONNECTION AGREEMENT FOR NON-EXPORT GENERATING FACILITIES

APPENDIX B RULES "2" AND "21" (and any other Tariffs pertinent to the situation) (Provided by PG&E)

(Note: PG&E's tariffs are included for reference only and shall at all times 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.)



**GENERATING FACILITY INTERCONNECTION
AGREEMENT FOR NON-EXPORT GENERATING
FACILITIES**

APPENDIX C
(If Applicable)
RULE 21 “SPECIAL FACILITIES” AGREEMENT
(Formed between the Parties)

Form 79-280: Agreement for Installation or Allocation of Special Facilities for Parallel Operation of Nonutility-Owned Generation and/or Electrical Standby Service to be executed upon completion of design and cost estimation.

DISTRIBUTION

- Applicant
- Division,
- Const. Accounting
- Accounting Ops
- Tariff Interpretation

REFERENCES

- QF Log #: _____
- GM/WO #: _____
- Premises #: _____

AGREEMENT FOR INSTALLATION OR ALLOCATION OF SPECIAL FACILITIES FOR PARALLEL OPERATION OF NONUTILITY-OWNED GENERATION AND/OR ELECTRICAL STANDBY SERVICE (ELECTRIC RULES 2 AND 21)

At the request of _____ County of Nevada _____, (Applicant), **PACIFIC GAS AND ELECTRIC COMPANY (PG&E)** hereby agrees to furnish at Applicant's expense within a reasonable time certain facilities consisting of _____ (Special Facilities). Such Special Facilities are expected to be necessary on or about August 1, 2017 for the interconnection of Applicant's electric generating plant with PG&E's system and/or PG&E's delivery of electrical standby service to Applicant's premises at 16782 CA-49, Nevada City, County of Nevada, State of California.

1. This Agreement includes Appendix A, Detail of Special Facilities Charges, which is attached and incorporated herein by reference. Appendix A may be revised or superseded by mutual written agreement and without formal amendment of the remainder of this agreement.
2. Applicant shall pay PG&E, on demand prior to commencement of any work by PG&E, an initial charge equal to the sum of the amounts which are specified in Appendix A.
3. Applicant also shall pay PG&E any applicable monthly rates and charges for service under PG&E's tariff schedules plus an ownership charge, either (a) or (b) below as specified in Appendix A, namely:
 - (a) COST-OF-OWNERSHIP CHARGE representing PG&E's continuing monthly cost of financing (if applicable), owning and maintaining Special Facilities; or
 - (b) An EQUIVALENT ONE-TIME CHARGE which is equal to the present worth of the monthly COST-OF-OWNERSHIP CHARGE in perpetuity. The COST-OF-OWNERSHIP CHARGE shall commence on the date Special Facilities are first available for Applicant's use, as such date is established in PG&E's records. PG&E will notify Applicant, in writing, of such commencement date. The EQUIVALENT ONE-TIME CHARGE (if applicable) shall be payable by Applicant to PG&E on demand.
4. The ownership charge set forth in paragraphs 3(a) or 3(b) herein is determined in accordance with the applicable percentage rates established in the Special Facilities section of PG&E's electric Rule 2, copy attached. Should the California Public Utilities Commission (Commission) subsequently authorize higher or lower percentage rates, the monthly COST-OF-OWNERSHIP CHARGE shall automatically increase or decrease without formal amendment to Appendix A as of the effective date of the Commission's authorization.
5. Where it is necessary to install Special Facilities on Applicant's premises, Applicant hereby grants to PG&E:
 - (a) the right to make such installation on Applicant's premises along the shortest practical route thereon with sufficient legal clearance from all structures now or hereafter erected on Applicant's premises; and
 - (b) the right of ingress and egress from Applicant's premises at all reasonable hours for any purposes reasonably connected with the operation and maintenance of Special Facilities.
6. Where formal rights of way or easements are required on or over property of Applicant or the property of others for the installation of Special Facilities, Applicant agrees that PG&E shall obtain them at Applicant's expense, or if Applicant and PG&E agree otherwise, Applicant shall obtain any necessary permanent rights of way or easements, satisfactory to and without cost to PG&E.
7. PG&E shall not be responsible for any delay in completion of the installation of Special Facilities resulting from shortage of labor or materials, strike, labor disturbance, war, riot, weather conditions, governmental rule, regulation or order, including orders or judgments of any court or regulatory agency, delay in obtaining necessary rights of way and easements, acts of God, or any other cause or condition beyond the control of PG&E, nor shall PG&E be liable for incidental, indirect, special, punitive, or consequential damages for any such delay. PG&E shall have the right, if for one of the above reasons it is unable to obtain materials or labor for all of its construction requirements, to allocate materials and labor to construction projects which it deems, in its sole discretion, most important to serve the needs of its customers, and any delay in construction, hereunder resulting from such allocation shall be deemed to be a cause beyond PG&E's control. In any event, PG&E's total liability for any delay in the completion of the installation of Special Facilities shall not exceed the amount of Special Facilities Charges paid by Applicant.

Agreement for Installation or Allocation of Special Facilities for Parallel Operation of NonUtility-Owned Generation and/or Electrical Standby Service (Electric Rules 2 and 21)

8. In the event that PG&E is prevented from completing the installation of Special Facilities for reasons beyond its control after twelve (12) months following the date of this Agreement, PG&E shall have the right to supersede this Agreement subject to Applicant's election as provided below upon at least thirty (30) days' written notice to Applicant and adjust any amounts paid or required to be paid by Applicant hereunder that may be due based on that portion of the Special Facilities then completed, if any, utilizing the estimated costs developed by PG&E for this Agreement. Such a superseding agreement, if any, shall be in substantially the same form as this agreement, be executed by both parties hereto, and shall provide that costs be allocated to the portion of the Special Facilities then completed, if any, consistent with those costs estimated by PG&E for this agreement. If Applicant elects not to execute a superseding agreement, this agreement shall be terminated and the provisions of paragraph 11 herein shall be applied to that portion of Special Facilities then completed, if any. Applicant also shall reimburse PG&E for any expenses it may have incurred for engineering, surveying, right of way acquisition and other work associated with that portion of Special Facilities not installed
9. If it becomes necessary for PG&E to alter rearrange or make addition to Special Facilities in order to maintain parallel operation of Applicant's generation or electrical standby service to Applicant's premises, Applicant shall be notified, in writing, of such necessity and shall be given the option to either terminate this Agreement upon thirty (30) days' written notice to PG&E, or to pay to PG&E additional Special Facilities charges consisting of:
- (a) a facility termination charge for that portion of Special Facilities which is being removed because of alteration, rearrangement or addition to Special Facilities. Such charge to be determined in the same manner as described in paragraph 11 herein; plus,
 - (b) an additional ADVANCE and/or REARRANGEMENT CHARGE, if any for any new Special Facilities which shall be applied in the same manner as prescribed in paragraph 2 herein; plus,
 - (c) a revised monthly COST-OF-OWNERSHIP CHARGE or EQUIVALENT ONE-TIME CHARGE based on the estimated installed costs of all new and remaining Special Facilities. Such revised monthly COST-OF-OWNERSHIP CHARGE or EQUIVALENT ONE-TIME CHARGE shall be applied in the same manner as prescribed in paragraph 3 herein.
10. This Agreement shall become effective when executed by the parties hereto and, except as provided for in paragraphs 8 and 9 herein, shall remain in force until one of the following events occurs:
- (a) a power purchase, parallel operation, electrical standby service or other form of agreement no longer exists between Applicant and PG&E which would occasion the need for Special Facilities; or
 - (b) the ownership of Special Facilities or any portion thereof is deeded to a public authority; or
 - (c) Applicant fails to pay the monthly COST-OF-OWNERSHIP CHARGE prescribed in the Agreement, if applicable.
- Either party shall provide the other at least thirty (30) days' written notice of termination pursuant to this paragraph.
11. Upon termination of the Agreement for any reason:
- (a) Applicant shall pay to PG&E on written demand (in addition to all other monies to which PG&E may be legally entitled by virtue of such termination) a facility termination charge defined as the estimated installed cost, plus the estimated removal cost less the estimated salvage value for any Special Facilities which can be removed, all as determined by PG&E in accordance with its standard accounting practices. PG&E shall deduct from the facility termination charge the ADVANCE plus the unamortized balance of the EQUIVALENT ONE-TIME CHARGE previously paid, if any. If the ADVANCE paid plus the unamortized balance of the EQUIVALENT ONE-TIME CHARGE, if any, is greater than the facility termination charge, PG&E shall refund the difference, without interest to Applicant; and
 - (b) PG&E shall be entitled to remove and shall have a reasonable time in which to remove any portion of the Special Facilities located on the Applicant's premises; and
 - (c) PG&E may, at its option, alter, rearrange, convey or retain in place any portion of the Special Facilities located on other property off Applicant's premises. Where all or any portion of the Special Facilities located off Applicant's premises are retained in place in anticipation of providing permanent service to customers of PG&E, an equitable adjustment shall be made in the facility termination charge.



Agreement for Installation or Allocation of Special Facilities for Parallel Operation of NonUtility-Owned Generation and/or Electrical Standby Service (Electric Rules 2 and 21)

12. In the event any of the Special Facilities are used during the term of this Agreement to provide permanent service to customers of PG&E, an adjustment shall be made in accordance with PG&E's electric Rule 21, copy attached.
13. Special Facilities shall at all times be the property of PG&E.
14. As provided in PG&E's electric Rule 14, copy attached, PG&E does not guarantee electrical standby service to be free from outages, interruptions or curtailments and the charges for Special Facilities represent PG&E's cost associated with providing Special Facilities rather than for a guaranteed level of service or reliability.
15. Applicant may, with PG&E's written consent, assign this Assignment if the assignee thereof will agree in writing to perform Applicant's obligations hereunder. Such assignment will be deemed to include, unless otherwise specified therein, all of Applicant's rights to any refunds which might become due upon discontinuance of the use of any Special Facilities.
16. This Agreement shall be subject to all of PG&E's applicable tariffs on file with and authorized by the Commission, and shall at all times be subject to such changes or modifications as the Commission may direct from time to time in the exercise of its jurisdiction.

Dated this _____ day of _____, 20_____.

This agreement is effective when accepted and executed by PG&E.

County of Nevada

 Customer/Company

Stephen T. Monaghan

 Authorized by (Print)

 Signature

Chief Information Officer

 Title

 Date

PACIFIC GAS AND ELECTRIC COMPANY

 Authorized by (Print)

 Signature

 Title

 Date

Mailing Address:

 950 Maidu Avenue

 Nevada City, CA 95959

Attachments:

- Electric Rule 2
- Electric Rule 14
- Electric Rule 21
- Appendix A



GENERATING FACILITY INTERCONNECTION AGREEMENT FOR NON-EXPORT GENERATING FACILITIES

APPENDIX D -- NOT APPLICABLE (If Applicable)

OPERATING REQUIREMENTS FOR ENERGY STORAGE DEVICE(S)

The following Operating Requirement(s) apply to the charging functions of the Generating Facility:

- Producer's storage device(s) will not consume power from Distribution Provider's Distribution System at any time.
Producer's storage device(s) will not cause the Host Load to exceed its normal peak demand.
To avoid upgrades or other technical mitigation items identified in the interconnection process, Producer has chosen the following Generating Facility operating constraint(s):

For the annual period between [Month/Day] and [Month/Day] And during the hours of [Month/Day] The storage device(s) will consume no more than a total of kW from the Distribution System. This operating constraint voids the need for the following specific mitigation scope:

Table with 6 empty rows for specifying mitigation scope.

No other charging function limitation is required for this Generating Facility except the requirements above. Producer will be responsible for the costs of the corresponding upgrades or other technical mitigations if at any time the Producer elects to forego or violates the operating requirement.

Consistent with current load service Rules, Distribution Provider is not required to reserve capacity for load. Producer is responsible to contact the utility for any modification to its equipment or change in operations that may result in increased load demand per Electric Rule 3.C.

If any operating requirement is specified above, Distribution Provider reserves the right to ask for data at the 15-minute interval level at any time to verify that the operating requirement is being met. Distribution Provider will make such request via a written notice no more than once per calendar quarter. Producer must provide such data within 30 Calendar Days of the written request.

If the Generating Facility fails to adhere to the operating requirements at any time, it will be disconnected immediately in accordance with Rule 21 Section D.9 and not reconnected until an approved mitigation (e.g., supervising controls) is in place as determined by Distribution Provider.