

PUBLIC UTILITIES COMMISSION
505 Van Ness Avenue
San Francisco CA 94102-3298



Pacific Gas & Electric Company
ELC (Corp ID 39)
Status of Advice Letter 5583E
As of March 19, 2021

Subject: Joint IOU Submittal - Proposed Template for Process Option 2 Modifications Pursuant to Decision 19-03-013.

Division Assigned: Energy

Date Filed: 07-05-2019

Date to Calendar: 07-10-2019

Authorizing Documents: D1903013

Disposition:	Signed
Effective Date:	03-09-2021

Resolution Required: Yes

Resolution Number: E-5035

Commission Meeting Date: None

CPUC Contact Information:

edtariffunit@cpuc.ca.gov

AL Certificate Contact Information:

Yvonne Yang

(415) 973-2094

QXY1@pge.com

PUBLIC UTILITIES COMMISSION
505 Van Ness Avenue
San Francisco CA 94102-3298



To: Energy Company Filing Advice Letter

From: Energy Division PAL Coordinator

Subject: Your Advice Letter Filing

The Energy Division of the California Public Utilities Commission has processed your recent Advice Letter (AL) filing and is returning an AL status certificate for your records.

The AL status certificate indicates:

- Advice Letter Number
- Name of Filer
- CPUC Corporate ID number of Filer
- Subject of Filing
- Date Filed
- Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)
- Effective Date of Filing
- Other Miscellaneous Information (e.g., Resolution, if applicable, etc.)

The Energy Division has made no changes to your copy of the Advice Letter Filing; please review your Advice Letter Filing with the information contained in the AL status certificate, and update your Advice Letter and tariff records accordingly.

All inquiries to the California Public Utilities Commission on the status of your Advice Letter Filing will be answered by Energy Division staff based on the information contained in the Energy Division's PAL database from which the AL status certificate is generated. If you have any questions on this matter please contact the:

Energy Division's Tariff Unit by e-mail to
edtariffunit@cpuc.ca.gov



Clay Faber - Director
Regulatory Affairs
8330 Century Park Court
San Diego, CA 92123

July 5, 2019

ADVICE LETTER 3401-E

(San Diego Gas & Electric Company - U902-E)

ADVICE LETTER 5583-E

(Pacific Gas and Electric Company – U39-E)

ADVICE LETTER 4033-E

(Southern California Edison Company – U338-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

**SUBJECT: JOINT IOU SUBMITTAL - PROPOSED TEMPLATE FOR PROCESS OPTION 2
MODIFICATIONS PURSUANT TO DECISION 19-03-013**

PURPOSE

Pursuant to Ordering Paragraph (OP) 8 of California Public Utilities Commission (CPUC or Commission) Decision (D.) 19-03-013, San Diego Gas & Electric Company (SDG&E), Southern California Edison Company (SCE), and Pacific Gas and Electric Company (PG&E), (collectively, the Joint Utilities) respectfully submit this advice letter to implement the standard form template interim solution for Process Option 2 described in OP 6 for Type II modifications to existing facilities by use case.

BACKGROUND

The Commission adopted the Order Instituting Rulemaking (R.) 17-07-007 on July 13, 2017, to consider a variety of refinements to the interconnection of distributed energy resources under the IOUs' Electric Tariff Rule 21 and the equivalent tariff rules of the small and multijurisdictional electric utilities.

A Working Group process was established through the October 2, 2017, Scoping Memo of Assigned Commissioner and Administrative Law Judge (Scoping Memo). The resolution of the issues with the proceeding were divided in to six working groups, Working Groups 1 through 6. The Working Group 1 report was filed on March 15, 2018. Commission D.19-03-013 adopted recommendations related to streamlined processes for material modifications and ordered the utilities to file this tier 2 advice letter within 90 days.

D.19-03-013, approved on March 28, 2019, resolves the set of issues assigned to Working Group 1, which include Issue 3: How should the Commission clarify the definition of a "material modification" to a project and what should be the procedures for processing these modifications? The working group identified seven use cases in which customers may seek to

make modifications to existing facilities four possible options for processing these modifications based on the modification's potential impact on the distribution system. These process options are:

- 1) No notification is required;
- 2) Notification is required but the customer can proceed without waiting for utility approval;
- 3) Abridged/streamlined interconnection request is required, and customer must wait for utility approval to turn on the system (engineering review not required); and
- 4) Interconnection request is required, and the customer must wait for utility approval to turn on the system (engineering review required).

D.19-03-013, adopts process option 2 but recognizes that it has yet to be developed. As an interim solution for process option 2, OP 8 orders the Utilities to "use a standard form template to be sent to a dedicated utility email address. To implement the standard form template interim solution, no later than 90 days from the issuance of this decision the Utilities shall jointly submit a Tier 2 Advice Letter describing the template."

DISCUSSION

This joint-utility advice letter describes the standard form template for process option 2 to be used as an interim solution while the utilities independently develop a more permanent solution.

EFFECTIVE DATE

SDG&E believes that this submittal is subject to Energy Division disposition and should be classified as Tier 2 (effective after disposition) and respectfully requests an approval date of August 5, 2019, which is 31 days after the date submitted.

PROTEST

Anyone may protest this Advice Letter to the California Public Utilities Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received no later than July 25, 2019, which is 20 days from the date this Advice Letter was filed with the Commission. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102

Copies of the protest should be sent via e-mail to the attention of the Energy Division at EDTariffUnit@cpuc.ca.gov. A copy of the protest should also be sent via e-mail to the address shown below on the same date it is mailed or delivered to the Commission.

For SDG&E: Megan Caulson
Regulatory Tariff Manager
8330 Century Park Court, CP31F
San Diego, CA 92123-1548
E-mail: mcaulson@semprautilities.com

For SCE: Gary A. Stern, Ph.D.
Managing Director, State Regulatory Operations
Southern California Edison Company
8631 Rush Street
Rosemead, California 91770
Telephone: (626) 302-9645
Facsimile: (626) 302-6396
E-mail: AdviceTariffManager@sce.com

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

For PG&E: Erik Jacobson
Director, Regulatory Relations
c/o Megan Lawson
Pacific Gas and Electric Company
77 Beale Street, Mail Code B13U
P.O. Box 770000
San Francisco, California 94177
Facsimile: (415) 973-3582
E-mail: PGETariffs@pge.com

NOTICE

A copy of this filing has been served on the utilities and interested parties shown on the attached list, including interested parties in R.11-09-011 and R.17-07-007, by providing them a copy hereof either electronically or via the U.S. mail, properly stamped and addressed. Address changes should be directed to SDG&E Tariffs by email to SDG&ETariffs@semprautilities.com.

CLAY FABER
Director – Regulatory Affairs



ADVICE LETTER SUMMARY

ENERGY UTILITY



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

Company name/CPUC Utility No.: San Diego Gas & Electric Company (U902)

Utility type:

- ELC GAS WATER
 PLC HEAT

Contact Person: Christina Sondrini
 Phone #: 858-636-5736
 E-mail: CSondrini@SempraUtilities.com
 E-mail Disposition Notice to: CSondrini@SempraUtilities.com

EXPLANATION OF UTILITY TYPE
 ELC = Electric GAS = Gas WATER = Water
 PLC = Pipeline HEAT = Heat

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #: 3401-E, et. al.

Tier Designation: 2

Subject of AL: Joint IOU Submittal - Proposed Template for Process Option 2 Modifications Pursuant to Decision 19-03-013

Keywords (choose from CPUC listing): Rule 21

AL Type: Monthly Quarterly Annual One-Time Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: D.19-03-013

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: N/A

Summarize differences between the AL and the prior withdrawn or rejected AL: N/A

Confidential treatment requested? Yes No

If yes, specification of confidential information: N/A

Confidential information will be made available to appropriate parties who execute a nondisclosure agreement. Name and contact information to request nondisclosure agreement/ access to confidential information: N/A

Resolution required? Yes No

Requested effective date: 8/5/19

No. of tariff sheets: 0

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: N/A

Service affected and changes proposed¹: N/A

Pending advice letters that revise the same tariff sheets: N/A

¹Discuss in AL if more space is needed.

Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this submittal, unless otherwise authorized by the Commission, and shall be sent to:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102
Email: EDTariffUnit@cpuc.ca.gov

Name: Megan Caulson
Title: Regulatory Tariff Manager
Utility Name: San Diego Gas & Electric Company
Address: 8330 Century Park Court; CP 31D 92123
City: San Diego State: California
Telephone (xxx) xxx-xxxx: (858) 654-1748
Facsimile (xxx) xxx-xxxx:
Email: MCaulson@SempraUtilities.com

Name: SDG&E Tariff Department
Title:
Utility Name: San Diego Gas & Electric Company
Address: 8330 Century Park Court; CP 31D 92123
City: San Diego State: California
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email: SDGETariffs@SempraUtilities.com

General Order No. 96-B
ADVICE LETTER FILING MAILING LIST

cc: (w/enclosures)

Public Utilities Commission

DRA

R. Pocta

Energy Division

M. Ghadessi

M. Salinas

Tariff Unit

CA. Energy Commission

F. DeLeon

R. Tavares

Alcantar & Kahl LLP

K. Cameron

American Energy Institute

C. King

APS Energy Services

J. Schenk

BP Energy Company

J. Zaiontz

Barkovich & Yap, Inc.

B. Barkovich

Bartle Wells Associates

R. Schmidt

Braun & Blaising, P.C.

S. Blaising

California Energy Markets

S. O'Donnell

C. Sweet

California Farm Bureau Federation

K. Mills

California Wind Energy

N. Rader

Children's Hospital & Health Center

T. Jacoby

City of Poway

R. Willcox

City of San Diego

F. Ortlieb

B. Henry

L. Azar

D. Weil

Commerce Energy Group

V. Gan

CP Kelco

A. Friedl

Davis Wright Tremaine, LLP

E. O'Neill

J. Pau

Dept. of General Services

H. Nanjo

M. Clark

Douglass & Liddell

D. Douglass

D. Liddell

G. Klatt

Duke Energy North America

M. Gillette

Dynegy, Inc.

J. Paul

Ellison Schneider & Harris LLP

E. Janssen

Energy Policy Initiatives Center (USD)

S. Anders

Energy Price Solutions

A. Scott

Energy Strategies, Inc.

K. Campbell

M. Scanlan

Goodin, MacBride, Squeri, Ritchie & Day

B. Cragg

J. Heather Patrick

J. Squeri

Goodrich Aerostructures Group

M. Harrington

Hanna and Morton LLP

N. Pedersen

Itsa-North America

L. Belew

J.B.S. Energy

J. Nahigian

Luce, Forward, Hamilton & Scripps LLP

J. Leslie

Manatt, Phelps & Phillips LLP

D. Huard

R. Keen

Matthew V. Brady & Associates

M. Brady

Modesto Irrigation District

C. Mayer

Morrison & Foerster LLP

P. Hanschen

MRW & Associates

D. Richardson

Pacific Gas & Electric Co.

J. Clark

M. Huffman

S. Lawrie

E. Lucha

Pacific Utility Audit, Inc.

E. Kelly

San Diego Regional Energy Office

S. Freedman

J. Porter

School Project for Utility Rate Reduction

M. Rochman

Shute, Mihaly & Weinberger LLP

O. Armi

Solar Turbines

F. Chiang

Sutherland Asbill & Brennan LLP

K. McCrea

Southern California Edison Co.

M. Alexander

K. Cini

K. Gansecki

H. Romero

TransCanada

R. Hunter

D. White

TURN

M. Hawiger

UCAN

D. Kelly

U.S. Dept. of the Navy

K. Davoodi

N. Furuta

L. DeLacruz

Utility Specialists, Southwest, Inc.

D. Koser

Western Manufactured Housing

Communities Association

S. Dey

White & Case LLP

L. Cottle

Interested Parties In:

R.17-07-007

R.11-09-011

San Diego Gas & Electric Advice Letter 3401-E, et. al.

July 5, 2019

Attachment A

Generating Facility Material Modification Notification
Worksheet

(Exemplary Form)

GENERATING FACILITY MATERIAL MODIFICATION NOTIFICATION WORKSHEET

APPLICABILITY AND GUIDELINES

Pursuant to California Public Utilities Commission (CPUC) Decision 19-03-013, this worksheet shall be used to notify [utility's name] when Generating Facilities make qualifying material modifications (e.g. Maintenance, Retrofit).

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 Notification Worksheet or in [utility's name] CPUC-approved Electric Rule 21 (Rule 21).

- **Upon meeting the qualifications for notification only, the customer may proceed with specific modifications to the system and turning on the system without waiting for [utility name] approval.**
- **This Generating Facility Material Modification Notification Worksheet (Notification Worksheet) only applies to inverter-based systems that are currently authorized by [utility's name] to operate in parallel with the [utility's name] electric system.**
- **If the customer is replacing equipment with exact same equipment type (i.e. same make and model) or performing upgrades to inverter firmware that do not affect grid interactions, a Notification Worksheet is not required.**

This Notification Worksheet does not authorize a customer to operate your Generating Facility in parallel with the [utility name] electric system unless the project meets the self-verification of material modification criteria herein. If the customer does not meet the self-verification qualification requirements, it must submit a new Interconnection Request to [utility name] in order to receive permission to safely interconnect and operate in parallel with the utility's electric system. Unauthorized Parallel Operation may be dangerous and may result in injury to persons and/or may cause damage to equipment and/or property for which the customer may be liable. All modifications to the Generating Facility must maintain and satisfy all of the requirements for [Utility's name]'s Rule 21, interconnection program tariff (e.g., [Utilities appropriate tariff names] and Interconnection Handbook and Electric Service Requirements (ESRs), as applicable. Please reference the documentation for more information regarding the interconnection of a Generating Facility to the [Utility's name] distribution system. Notification Worksheets submitted with blank fields (as applicable) will be deemed incomplete and will be returned for completion. The Applicant is also responsible for updating this Notification Worksheet, should the information submitted change between system design and installation.

Customer to please check this box to indicate acknowledgment of the information provided above, and in this worksheet.

Overall Steps regarding when a Notification Worksheet is required:

This Notification Worksheet is divided into four sections. Section one (1) determines if and when a Notification Worksheet submittal is required. If a Notification Worksheet is required per section (1), then sections 2, 3, and 4 must be completed by the Applicant and sent via email to Email@-----.com

GENERATING FACILITY MATERIAL MODIFICATION NOTIFICATION WORKSHEET

SECTION 1 – Material Modification Qualification Self-Check

A. This Application is for:

A-1 **Physical changes to an existing Generating Facility** that currently has Permission to Operate (PTO) from [Utility’s name]. If this box is selected, please continue to section B questions in the next box below. Examples include adding energy storage capacity, changing inverters, replacing equipment, changing load, and/or changing operations.

A-2 **A new Generating Facility interconnection.** If this box is selected, you **do not** meet the requirements for the use of this Notification Worksheet and must submit a new Interconnection Request.)

B. Inverter Modification Section – Qualification when notification is required:

B-1 Are you replacing equipment with the exact same equipment type (e.g. same make, model) or performing upgrades to inverter firmware that do not affect grid interactions?

- Yes – Utility notification is not required. You do not need to submit this form.
 No –Please continue to B-2.

B-2 Are you replacing equipment with “Like-for-Like”* where system output will not exceed what is listed in the current and effective Interconnection Agreement (IA) and the operating mode is not being adjusted?

- Yes –Utility notification is required. Please skip to Section 2.
 No – Please continue B-3.

* **Like-for-Like definition:** For inverters, like-for-Like means certified, same nameplate or smaller, same fault current or smaller. For batteries, Like-for-like means same or less kWh or kW rating, and same operating profile.

B-3 Are you replacing equipment with an equipment type that increases inverter nameplate capacity listed in the current and effective IA?

- Yes – Please continue to B-4.

B-4 If the inverter nameplate is increasing, will certified power controls limit the real power output to the inverter size listed in the current and effective IA?

- Yes – Please continue to B-5.
 No – You must submit a new Interconnection Request. You do not need to submit this form.

B-5 Is the Generating Facility nameplate rating less than 100 kW?

- Yes – Utility notification is required. Please skip to section 2.
 No – Please continue to B-6.

B-6 Is the Generating Facility nameplate rating greater than or equal to 100 kW? Yes No

If you

If you checked “Yes,” you must submit a new Interconnection Request. You do not need to submit this form.

**GENERATING FACILITY
MATERIAL MODIFICATION
NOTIFICATION WORKSHEET**

SECTION 1 – Material Modification Qualification Self-Check (Continued)

C. Battery Modification Section – Qualification when notification required:

C-1 Are you adding storage to an existing Generating Facility that does not have storage?

- Yes – You must submit a new Interconnection Request. You do not need to submit this form.
- No - Please continue to C-2.

C-2 Are you adding storage to an existing Generating Facility that does have storage?

- Yes – You must submit a new Interconnection Request. You do not need to submit this form.
- No – Please continue to Section 2.

C-3 Are you adding storage capacity to a Generating Facility with an existing storage device and not changing the inverter?

- Yes – You must submit a new Interconnection Request. You do not need to submit this form.
- No – Please continue to Section 2.

GENERATING FACILITY MATERIAL MODIFICATION NOTIFICATION WORKSHEET

<i>For Utility Use Only</i>			
Project Name:	Project ID:	Date Application Received:	Date Application Screened:

SECTION 2 – Customer and Contractor/Installer Information
A. Customer Electric Account and Contact Information
This is the electric service account where the Generating Facility is interconnected for Parallel Operation with the [Utility name] electric system. The Customer Name and Service Account # listed below must match the account information on the Customer’s Utility electric bill.

[utility name] Service Account #	Meter #	Service Voltage of Main Panel (Volts)
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Customer Name <i>(i.e., name shown on [utility name] Service Account)</i>	Customer (Service Account Holder) Title <i>(e.g., Homeowner)</i>
---	--

Generating Facility (Service Account) Street Address	City	State	Zip Code
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County

Customer Contact Name <i>(if different from above)</i>	Company Name <i>(if different from Customer)</i>
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Phone <i>(required)</i>	Fax <i>(if applicable)</i>	Customer Email <i>(required)</i>
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Mailing Address <i>(if different from above)</i>	City	State	Zip Code
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**GENERATING FACILITY
MATERIAL MODIFICATION
NOTIFICATION WORKSHEET**

SECTION 2 – Customer and Contractor/Installer Information (Continued)

B. Contractor / Installer Information

Please check here if this is a Self-Installation (*i.e., installed by Service Account holder*) (*Proceed to Section 1.C*)

Contractor / Installer Contact Name	Company Name	CSLB # (required*)

Contractor Mailing Address	City	State	Zip Code

Phone (<i>required</i>)	Fax (<i>if applicable</i>)	Contractor Email (<i>required</i>)

GENERATING FACILITY MATERIAL MODIFICATION NOTIFICATION WORKSHEET

Section 3 –Generating Facility Description / Technical Information

The information provided in this section is for Generating Facilities that currently exist behind the same Utility meter and meet the qualifications in Section 1 of this worksheet document.

ONLY WRITE DOWN WHAT IS DIFFERENT FROM WHAT IS LISTED IN THE CURRENT AND EFFECTIVE IA

3A. Which tariff is the Generator served under?

3B. If the Generator is inverter-based, is the Inverter(s) Certified as a Smart Inverter(s) in accordance with Rule 21 Section Hh by a Nationally Recognized Testing Laboratory (NRTL)?

Yes

No – Please explain:

3C. Existing Generating Facility Description *(see Appendix A for help)*
For unknown fields, please indicate "0" and "N/A"

	Inverter Replaced	New Inverter
a) Number of Inverters modified/replaced		
b) Inverter Manufacturer(s)		
c) Inverter Model Number(s)		
d) Will the system use certified controls? If yes, is this certified with a national certification standard? Answer "Yes" or "No"		
e) Gross Nameplate Rating (each) (kVA)		
f) Gross Nameplate Rating (each) (kW)		
g) CEC-AC Nameplate Rating		
h) Net Nameplate Rating (kW)		
i) Operating Voltage (Volts or kV)		
j) Power Factor (PF) Rating (%)		
k) Wiring Configuration (Choose One)	<input type="checkbox"/> Single-Phase <input type="checkbox"/> Three-Phase	<input type="checkbox"/> Single-Phase <input type="checkbox"/> Three-Phase
l) 3-Phase Winding Configuration (Choose One)	<input type="checkbox"/> 3 Wire Delta <input type="checkbox"/> 3 Wire Wye <input type="checkbox"/> 4 Wire Wye	<input type="checkbox"/> 3 Wire Delta <input type="checkbox"/> 3 Wire Wye <input type="checkbox"/> 4 Wire Wye
m) Neutral Grounding Systems Used (Choose One)	<input type="checkbox"/> Undergrounded <input type="checkbox"/> Solidly Grounded <input type="checkbox"/> Ground Resistor	<input type="checkbox"/> Undergrounded <input type="checkbox"/> Solidly Grounded <input type="checkbox"/> Ground Resistor
n) Short Circuit Current Produced by Generator (Amps)		

**GENERATING FACILITY
MATERIAL MODIFICATION
NOTIFICATION WORKSHEET**

Section 4 – Safety and Consumer Protection Acknowledgements

Safety and Consumer Protection Acknowledgements

This section is applicable to Customers requesting service on [Utilities appropriate tariff names]

A. Equipment Verification

- For Applicants with Solar Generating Facilities** - By checking this box, Applicant verifies that all major solar system components (including PV panels and other generation equipment, inverters and meters) are on the verified equipment list maintained by the California Energy Commission. This requirement is subject to additional verification by the utility.

Note: For all Generating Facilities, the Utility may require the Applicant to verify that other equipment, as determined by utility requirements, has safety certification from a NRTL.

B. Warranty Verification

- By checking this box, Applicant verifies that a warranty of at least 10 years has been provided on all equipment and the installation of that equipment. In appropriate circumstances conforming to industry practice, satisfaction of this requirement may rely on manufacturers' warranties for equipment and separate contractors' warranties for workmanship (i.e., installation). Warranties or service agreements conforming to requirements applicable to the Self-Generation Incentive Program (SGIP) may be used to satisfy this requirement for Generating Facilities with technologies eligible for the SGIP. This requirement is subject to additional verification by the utility.

GENERATING FACILITY MATERIAL MODIFICATION NOTIFICATION WORKSHEET

Appendix A – Instructions for Completing Sections 3	
Manufacturer	Enter the brand name of the generator.
Model Number	Enter the model number assigned by the manufacturer of the generator.
CEC-AC Nameplate Rating	<p>For NEM generating facilities, this value is the CEC-AC Net Nameplate Rating and is not the same as the Net Nameplate that accounts for auxiliary loads or station service loads. The calculations used are as follows:</p> <p>Technology CEC-AC Nameplate Calculation</p> <p>Solar PV (Qty of Modules) x (PTC Rating) x (Inverter Efficiency %) / 1000 = ____ kW</p> <p>Wind (Qty of Turbines) x (Power Output) x (Inverter Efficiency %) / 1000 = ____ kW</p> <p>Fuel Cell (Qty of Cells) x (Rated Output) x (Inverter Efficiency %) / 1000 = ____ kW</p>
Inverter Manufacturer	Enter the brand name of the inverter.
Inverter Model Number	Enter the model number assigned by the manufacturer of the inverter.
Module Manufacturer	Enter the brand name of the modules.
Module Model Number	Enter the model number assigned by the manufacturer of the modules.
Certified Controls NRTL Certification	Answer “yes” only if the generator manufacturer can or has provided certification data to allow certified controls to limit the real power output to the inverter listed size in the original agreement?
Smart Inverter Certification	Answer “yes” only if the inverter manufacturer can or has provided certification data. Please see Utility’s Rule 21, Section Hh for Smart Inverter requirements, and Section L for additional information regarding certification.
Inverter Software Version	If the control and/or protective functions are dependent on a software program supplied by the manufacturer of the equipment, please provide the version or release number for the software that will be used.
Gross Nameplate Rating (kVA)	This is the capacity value normally supplied by the manufacturer and stamped on the Generator’s nameplate. This value is not required where the manufacturer provides only a kW rating. However, where both kVA and kW values are available, please provide both.
Gross Nameplate Rating (kW)	This is the capacity value normally supplied by the manufacturer and stamped on the Generator’s nameplate. This value is not required where the manufacturer provides only a kVA rating. However, where both kVA and kW values are available, please provide both. For NEM generating facilities, the “gross” value is DC power.
Net Nameplate Rating (kW)	<ul style="list-style-type: none"> • For NEM generating facilities, this value is the CEC-AC Net Nameplate Rating and is not the same as the Net Nameplate that accounts for auxiliary loads or station service loads. • For non-NEM generating facilities (e.g., those included in an NEM-MT installation), this capacity value is determined by subtracting the “Auxiliary” or “Station Service” loads used to operate the Generator or Generating Facility. Applicants are not required to supply this value but, if it is not supplied, applicable Standby Charges may be based on the higher “gross” values.
Operating Voltage	This value should be the voltage rating designated by the manufacturer and used in the Generator. Please indicate phase-to-phase voltages for 3-phase installations. See SCE’s Rule 21, Section H.2.b. for additional information.

**GENERATING FACILITY
MATERIAL MODIFICATION
NOTIFICATION WORKSHEET**

Appendix A – Instructions for Completing Sections 3 (Continued)	
Power Factor (PF) Rating	This value should be the nominal power factor rating designated by the manufacturer for the Generator. See SCE’s Rule 21, Section H.2.i. For additional information.
Wiring Configuration	Please indicate whether the Generator is a single-phase or three-phase device. See SCE’s Rule 21, Section H.3.
3-Phase Winding Configuration	For three-phase generating units, please indicate the configuration of the Generator’s windings or inverter systems.
Neutral Grounding System Used	Wye-connected generating units are often grounded – either through a resistor or directly, depending upon the nature of the electrical system to which the Generator is connected. If the grounding method used at this facility is not listed, please attach additional descriptive information.
Short Circuit Current Produced by Generator	Please indicate the current each Generator can supply to a three-phase fault across its output terminals. For single phase Generators, please supply the phase-to-phase fault current. See manufacturer specifications or contact manufacturer for data.

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

AT&T	Downey & Brand	Pioneer Community Energy
Albion Power Company	East Bay Community Energy	Praxair
Alcantar & Kahl LLP	Ellison Schneider & Harris LLP	
	Energy Management Service	
Alta Power Group, LLC	Engineers and Scientists of California	Redwood Coast Energy Authority
Anderson & Poole	Evaluation + Strategy for Social Innovation	Regulatory & Cogeneration Service, Inc.
	GenOn Energy, Inc.	SCD Energy Solutions
Atlas ReFuel	Goodin, MacBride, Squeri, Schlotz & Ritchie	
BART	Green Charge Networks	SCE
	Green Power Institute	SDG&E and SoCalGas
Barkovich & Yap, Inc.	Hanna & Morton	
P.C. CalCom Solar	ICF	SPURR
California Cotton Ginners & Growers Assn	International Power Technology	San Francisco Water Power and Sewer
California Energy Commission	Intestate Gas Services, Inc.	Seattle City Light
California Public Utilities Commission	Kelly Group	Sempra Utilities
California State Association of Counties	Ken Bohn Consulting	Southern California Edison Company
Calpine	Keyes & Fox LLP	Southern California Gas Company
	Leviton Manufacturing Co., Inc. Linde	Spark Energy
Cameron-Daniel, P.C.	Los Angeles County Integrated Waste Management Task Force	Sun Light & Power
Casner, Steve	Los Angeles Dept of Water & Power	Sunshine Design
Cenergy Power	MRW & Associates	Tecogen, Inc.
Center for Biological Diversity	Manatt Phelps Phillips	TerraVerde Renewable Partners
City of Palo Alto	Marin Energy Authority	Tiger Natural Gas, Inc.
	McKenzie & Associates	
City of San Jose	Modesto Irrigation District	TransCanada
Clean Power Research	Morgan Stanley	Troutman Sanders LLP
Coast Economic Consulting	NLine Energy, Inc.	Utility Cost Management
Commercial Energy	NRG Solar	Utility Power Solutions
County of Tehama - Department of Public Works		Utility Specialists
Crossborder Energy	Office of Ratepayer Advocates	
Crown Road Energy, LLC	OnGrid Solar	Verizon
Davis Wright Tremaine LLP	Pacific Gas and Electric Company	Water and Energy Consulting Wellhead Electric Company
Day Carter Murphy	Peninsula Clean Energy	Western Manufactured Housing Communities Association (WMA)
		Yep Energy
Dept of General Services		
Don Pickett & Associates, Inc.		
Douglass & Liddell		