

# Solar in Disadvantaged Communities Programs Participants Webinar

*Disadvantaged Communities Green Tariff and Community Solar Green Tariff*

March 11, 2020



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# Agenda

## Topics

Introduction

Program Overview

Solicitation Overview

Eligibility Requirements

PPA Overview

Evaluation Methodology

Offer Submittal and Offer Form

Interconnection Process

Q&A

## Presenter

Diana Pollayil

Amanda Villar

Diana Pollayil

Diana Pollayil

Diana Pollayil

Denise Lee

Amanda Villar

Diana Pollayil



# Objective

The purpose of this webinar is to provide an overview of the two programs under PG&E's Spring 2020 Solar in Disadvantaged Communities Request for Offers (DAC RFO):

- (1) Disadvantaged Community Green Tariff (DAC-GT)*
- (2) Community Solar Green Tariff (CS-GT)*

This webinar will not cover other procurement programs.



# Independent Evaluator (IE)

- Primary role of the IE is to:
  - Monitor RFO processes to ensure fair and equal treatment of all potential counterparties
  - Monitor evaluation processes to ensure PG&E has implemented the methodology as described and that Offers are treated consistently
  - Report on RFO process and proposed transactions to CPUC when files for CPUC approval
- The IE may review all proposed data and communications with Participants
- Our DAC Programs Independent Evaluator is Arroyo Seco Consulting.
- **Contact is:**
  - Lewis Hashimoto ([arroyosecoconsulting@gmail.com](mailto:arroyosecoconsulting@gmail.com))



# Q&A | List of Attendees | Audio Replay

- At any time during this presentation Participants should email their questions to the following Mailbox: [DACprocurement@pge.com](mailto:DACprocurement@pge.com)
- Questions will be answered at the end of the webinar
  - PG&E may not address all of the questions during the Q&A portion of the webinar.
  - After the webinar, PG&E will compile and post a Q&A document on PG&E's website at: <https://www.pge.com/dacrfo>
- PG&E will be posting a list of attendees on PG&E's website.
  - If you do not want your name or the name of your company published, please let us know by sending us an email to the RFO mailbox at [DACprocurement@pge.com](mailto:DACprocurement@pge.com) by 5pm on Friday, March 13<sup>th</sup>.
- The slides and audio portion of the webinar will be posted on PG&E's website at the website above.



# Document Conflicts

- This presentation is intended to be a summary level discussion of the information and requirements established in the RFO materials (it does not include all of the detailed information in the RFO materials).
- To the extent that there are any inconsistencies between the information provided in this presentation and the requirements in the RFO materials, the **RFO materials shall govern.**
- PG&E encourages participants to carefully review:
  - DAC Power Purchase Agreement (PPA)
  - Spring 2020 DAC Protocol
  - CPUC Decision (D.) 18-06-027
  - CPUC Decision Correcting and Clarifying D.18-06-027
  - Monitor the Q&A link on PG&E’s Disadvantaged Communities RFO website
- Given that the Power Purchase Agreement is **non-negotiable**, PG&E urges participants to **submit clarifying questions** regarding the PPA **prior to submittal of an offer** under this RFO.



# Public Disclosure of Information

- By participating in this solicitation, each Participant acknowledges and expressly authorizes PG&E to publicly disclose the following information as required by the CPUC – further outlined in the PPA:
  - Names of the companies that submitted Offers into PG&E's RFO
  - Number of Offers received from each company
  - Number of Offers received and selected by PG&E
  - Project Size
  - Participating technologies
  - Location of bids by county; and
  - Progression of each executed contract's project development milestones
- PG&E will provide periodic updates to the CPUC on each DAC project's progress toward the achievement of project development milestones.

# Program Overview



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# Disadvantaged Communities Programs

In June 2018, CPUC issued [D. 18-06-027](#) to implement Assembly Bill 327, which directed the IOUs to procure under two new programs designed to promote the installation of renewable generation in Disadvantaged Communities (DACs) :

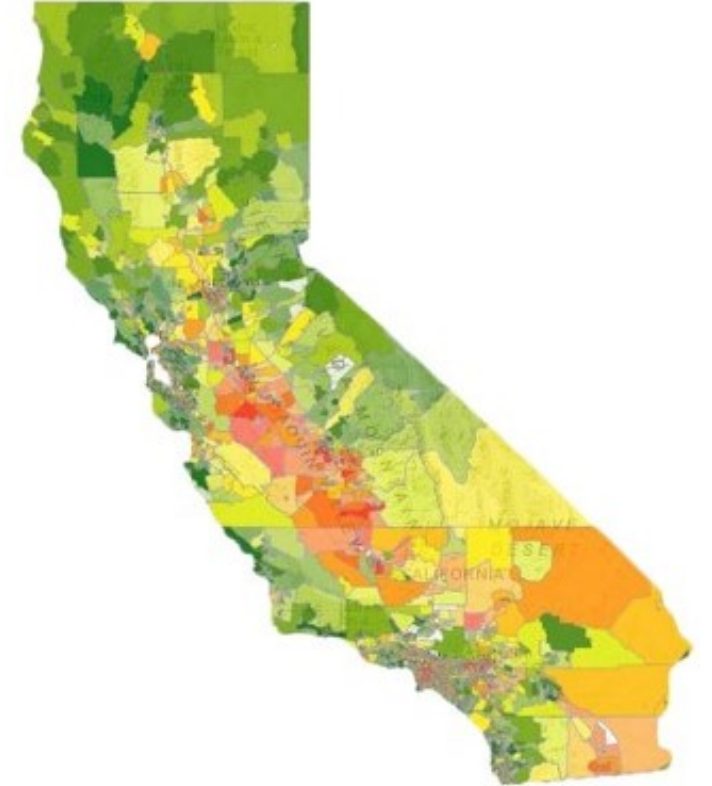
**DAC – Green Tariff (DAC-GT):** Offers a 20% bill credit to CARE/FERA-eligible residential customers to obtain 100% solar power through PG&E from a **pool of solar resources anywhere in our service territory**. Program cap: 54.82 MW

**Community Solar Green Tariff (CS-GT):** Offers a 20% bill credit to residential customers to participate in a **single IFM (in front of the meter) solar project** located within 5 miles of the customer's community. Program cap: 14.2 MW

# What is a DAC?

- Communities identified by using [CalEnviroScreen 3.0](#), as among the top 25 percent of communities statewide, along with the 22 census in the highest 5 percent CalEnviroScreen's Pollution Burden that do not have an overall CalEnviroScreen score because of unrealistic socioeconomic or health data.
- Additionally eight San Joaquin Valley pilot communities in PG&E's service territory are eligible for DAC-GT and CS-GT participation.

Reference Appendix H – DAC Census Tract and Pilot Communities for full list



# Solicitation Overview



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# Solicitation Overview

- PG&E's procurement targets for this solicitation are:
  - DAC-GT Program: 20.0 MW
  - CS-GT Program: 14.2 MW
- Eligible product:
  - New generation solar facilities
- PG&E is not accepting storage offers in either of the DAC Programs
- Any remaining capacity in both programs will be available in the Fall 2020 solicitation.

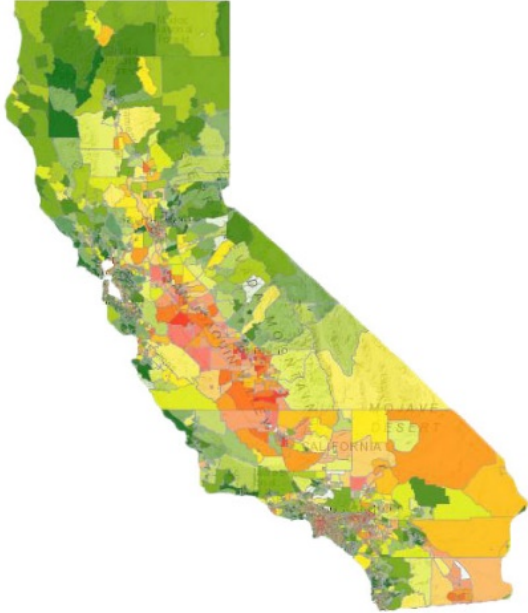


# Solicitation Schedule

Date/Time	Event
March 5, 2020	Solicitation launched
March 11, 2020	Participants Webinar
April 20, 2020 by 1:00 P.M. PPT	Deadline for Participants to submit Offers through Power Advocate
June 15, 2020	PG&E notifies selected Participants and any waitlisted Participants
June 22, 2020	Submittal of Signed PPA. Participants that wish to continue participation in PG&E's RFO must return a signed PPA and required documentation
September 15, 2020	Target timeframe of Execution of final Agreements
October 15, 2020	Target Advice Letter filing date for CPUC approval



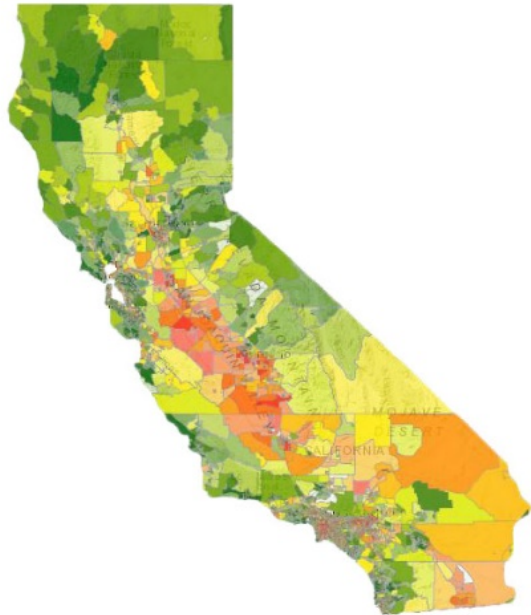
# DAC RFO Eligibility Requirements



<b>Technology</b>	Solar Photovoltaic (PV)
<b>Size</b>	DAC-GT Projects: 0.5 – 20 MW CS-GT Projects: ≤ 4.26 MW
<b>Location</b>	Located in PG&E's Service Territory  DAC-GT Projects: Top 25% DACs, including eligible San Joaquin Valley pilot communities in a top 25% DAC  CS-GT Projects: Top 25% DACs or eligible San Joaquin Valley pilot communities, even if not in a top 25% DAC
<b>Vintage</b>	Only new projects are eligible
<b>Interconnection</b>	Executed Interconnection Agreements (including SFA), Phase II Study or equivalent (i.e. Facilities Study), passed WDT/CAISO Fast Track screens at the time of Offer submittal
<b>Interconnection System</b>	Connected to PG&E's Distribution or Transmission System



# DAC RFO Eligibility Requirements (continued)



<b>Deliverability</b>	Full Capacity Deliverability Status, Partial Capacity Deliverability Status, or Energy Only
<b>COD</b>	36 months after Effective Date
<b>Delivery Term</b>	10, 15, or 20 years
<b>Transaction</b>	Full Buy/Sell Only
<b>Developer Experience</b>	At least one member of the participant's project development team must have completed at a minimum one other project of similar technology and capacity. Specifics must be outlined in the Demonstration of Developer Experience form (Appendix E) and submitted with the Offer.
<b>Site Control</b>	Applicant must have Site Control for the Project, and submit signed attestation and map showing the boundary of the Site for which the Applicant has control. See the Site Control Questionnaire and Attestation form (Appendix C).



# Eligibility Requirements – Deliverability

- Projects can submit offer as Energy Only, Partially Deliverable (PCDS), or Full Capacity Deliverability (FCDS). PG&E is not requiring, nor has it stated a preference for, deliverable projects.
- Projects bid in as Partially or Fully Deliverable must achieve the corresponding deliverability status by their selected Deliverability Date or face penalties and/or default.
  - Participants are encouraged to submit an Energy only offer (instead of or in addition to their deliverability bid) if there is any chance the deliverability date may be outside of the required 36 month window, as the offer may be declared ineligible.
  - PG&E will review the timing of when the offer is likely to achieve the offered deliverability status for eligibility.
  - Projects submitting offers as Fully or Partially Deliverable must provide documentation that the Project has received FCDS/PCDS or has completed the Phase II study with FCDS/PCDS cost estimates.
  - An application for deliverability through any CAISO annual process is not sufficient unless there is a finding of deliverability at the time of offer submittal.





# CS-GT Specific Requirements

## Sponsor Letter of Commitment

- Developers must provide a letter of commitment that includes each item listed below:
  - Demonstration of substantial interest of community members in subscribing to project
  - Estimated number of subscribers, with justification to ensure project sized to likely demand
  - A preliminary plan to conduct outreach and recruit subscribers (which may be conducted in conjunction with the developer and/or the utility)
  - Siting preferences, including community-suggested host sites, and verification that the site chosen for the bid is consistent with community preference

## Workforce Development and Job Training Attestation (Appendix F)

- Developers must submit an attestation that includes the following:
  - Description of how the participant plans to utilize local workforce development and job training
  - Preliminary plans through the development and construction phase of each project, including sponsor efforts and involvement



# CS-GT Specific Requirements (continued)

## Customer Enrollment

- For projects located in a top 25% DAC, customers who enroll must be from within 5 miles of the project.
- For projects located in a San Joaquin Valley community, customers who enroll must be from within 40 miles of the project.
  - San Joaquin Valley communities in PG&E’s service territory include Allensworth, Alpaugh, Cantua Creek, Fairmead, Lanare, Le Grand, Seville, and La Vina.



# Interested Sponsors

## People Power Solar Cooperative, Incorporated

1428 Franklin St  
Oakland, CA 94612

Grayson Flood

[grayson@peoplepowersolar.org](mailto:grayson@peoplepowersolar.org)

(202) 378 0085

[www.peoplepowersolar.org](http://www.peoplepowersolar.org)

## Shake Energy Collaborative

Fresno, CA

Ali Andrews

[ali@shake-energy.com](mailto:ali@shake-energy.com)

(206) 321-1808

<https://www.shake-energy.com>

## Self Help Enterprises

8445 W Elowin Ct  
Visalia, CA 93291

Abigail Solis

[abigails@selfhelpenterprises.org](mailto:abigails@selfhelpenterprises.org)

(559) 802-1659

<https://www.selfhelpenterprises.org/>

## Leadership Council

764 P St #012  
Fresno, CA 93721

Leslie Martinez

[lmartinez@leadershipcounsel.org](mailto:lmartinez@leadershipcounsel.org)

(559) 369-2790

<https://leadershipcounsel.org/>

Sponsor related questions  
please reach out to [localgreensaver@pge.com](mailto:localgreensaver@pge.com)  
Or visit: [www.pge.com/localgreensaversponsor](http://www.pge.com/localgreensaversponsor)

# Power Purchase Agreement (PPA) Overview



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# PPA Overview

- Power Purchase Agreement (PPA) is available on our website as Appendix B.
- Terms and conditions are non-negotiable
- **Please review the PPA for full terms and conditions**



# PPA: DAC Overview

## Permission to Operate (PTO)

- For CS-GT projects, 25% of the project capacity must be subscribed by eligible low-income residents prior to permission to operate.
  - The project will not be able to begin delivery under the contract until this requirement is met.
  - Initial Energy Delivery Date (IEDD) will be held back.



# PPA: Standard Terms Overview

## Product

- Sellers must deliver all Product to PG&E. “Product” means:
  - All electric energy produced by or associated with the Generating Facility net of Station Use (and Site Host Load as applicable); and
  - All renewable attributes, Renewable Energy Credits, Capacity Attributes and Green Attributes produced by or associated with the generating facility.
  - Note: Energy Only projects do not have to pursue any deliverability studies.



# PPA: Standard Terms Overview

## Contract Commencement Date

- Commercial Operation must be within 36 months of the Effective Date – 6 month Permitted Extension may be made

## Conditions Precedent

- The Effective Date is the date on which all of the Conditions Precedent have been satisfied. See Section 2.5(a) of the PPA for a full list of the conditions precedent. This includes providing the following documentation prior to execution (outlined in Appendix VIII of the PPA):
  - Articles of Incorporation
  - Certificate signed by an Officer of the Seller
  - Certificate showing Seller is duly organized and in good standing
  - Evidence of site control
  - Evidence of CEC certification
  - Certificate from Chief Financial Officer with financial statements
  - An executed Letter of Concurrence (see Appendix XI of the PPA)





# PPA: Standard Terms Overview

## Security Requirements and Damage Payment Calculation

- Project Development Security
  - 3 MW or less =  $\$20/\text{kW} \times \text{Contract Capacity of the Project}$
  - Greater than 3 MW =  $\$60/\text{kW}$  the Contract Capacity of the project
- Delivery Term Security
  - 3 MW or less =  $\$20/\text{kW} \times \text{Contract Capacity of the Project}$
  - DAC-GT Greater than 3 MW = 5% of expected total Project revenues
  - CS-GT Greater than 3 MW =  $\$120/\text{kW} \times \text{Contract Capacity of the Project}$

## Green-e® Energy Certification

- Facilities must be in compliance with the [Green-e® Energy National Standard](#). Projects that are awarded a PPA must provide a Green-e Energy Tracking Attestation prior to achieving commercial operation and updates as required.



# PPA: Standard Terms Overview

## Delivery Shortfalls

- Sellers must agree to deliver a minimum quantity of Energy (Guaranteed Energy Production or GEP):
  - 160% of the average Contract Quantities over 2 years
  - Contract Quantity is the estimated amount of MWhs of Energy that the Project will generate on an annual basis. If Seller fails to meet GEP, then Seller may be required to pay PG&E liquidated damages. If Seller repeatedly fails to meet GEP then PG&E may default the Seller and terminate the PPA.

## Curtailment

- Seller must curtail energy deliveries in response to curtailment requests from CAISO, PTO or Buyer. **Review the PPA carefully** to better understand what circumstances Seller will or will not be reimbursed for curtailed energy deliveries.
- PG&E has the right to require the Seller to curtail energy deliveries during the Buyer Curtailment Period for unlimited hours per year and PG&E will pay for such curtailed energy at the Contract Price.
- Seller is required to respond to electronic signals from PG&E or the CAISO to curtail.

# Evaluation Methodology



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# Evaluation Methodology: Least Cost, Best Fit

- PG&E will screen Offers on a “pass-fail” basis against the eligibility criteria discussed in the Eligibility Requirements section of this presentation.
- Quantitative Factors
  - Benefits (i.e., Energy and Capacity)
  - Costs (i.e., Contract Price, Transmission Network Upgrade Cost, and Integration Costs)
  - A 10% benefit will be applied to the final valuation number for projects that meet at least one of the following criteria (CS-GT only):
    - Projects located in (1) top 5% DACs using [CalEnviroScreen 3.0](#), or (2) San Joaquin pilot communities
    - Projects that leverage other government funding such as a state Community Services Department grant
    - Projects that provide evidence of support or endorsements from programs such as Transformative Climate Communities or other local initiatives
- Qualitative Factors
  - Project Viability (i.e., Interconnection, Site Control Assessment, Developer Experience, etc.)

# Offer Submittal Process and Offer Form



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# Offer Submittal

- Offers must be submitted via the online platform at Power Advocate. Only accepted registrants are permitted to submit offers.
  - Register through Power Advocate at <https://www.poweradvocate.com/pR.do?okey=94899&pubEvent=true>
  - PG&E strongly encourages you to register well in advance of the offer due date on April 20th at 1:00 PM (PPT)
- PG&E will only consider offers that, as of the submittal deadline, are complete and conforming offers.
  - Only correction of clear administrative errors will be allowable to this Offer Form after it is submitted.
  - PG&E reserves the right to reject an offer if the Offer Form has a substantial number of errors.
- By submitting an offer into this RFO, each Participant is required to abide by the confidentiality obligations specified in Section IX of the DAC Protocol.



# Key to Successful Proposal

- Sellers may choose the option to bid a single project with four (4) variations. Variations include:
  - Size
  - Delivery Term
  - Fixed Price vs. Escalating Price
  - Full (or Partial) Capacity Deliverability Status vs. Energy Only
- Submit a competitively priced Offer – **price refreshes are not allowed.**
- Submit a complete Offer including:
  - Most recent Interconnection Study or Interconnection Agreement, where applicable.



# Required Offer Submission Forms

Offer package must be in the format as specified in the DAC Protocol.

Fully Completed Offer includes:

Offer Form with Supply Chain Responsibility Questionnaire	MS Excel
Completed PPA Cover Sheet (Appendix B)	MS Word
Completed PPA Appendix XIII (Appendix B)	MS Word
Site Control Questionnaire and Attestation (Appendix C)	PDF and applicable GIS data file format
Acknowledgement and Commitment of Site Owner Letter (Appendix D) [only applies to projects 5MW or less]	PDF
Developer Experience (Appendix E)	PDF
Sponsor Letter of Commitment [CS-GT only]	PDF or MS Word
Workforce Development Plan (Appendix F) [CS-GT only]	PDF
Documentation of Company Organizational Structure	PDF
Interconnection Studies	PDF

Note: PG&E will review and ensure the PPA Cover Sheet and required Appendix XII are complete and meet the terms of the PPA during the bid evaluation process. Incomplete documentation will require additional communication to resolve any issues.





# Communications and Website

- RFO website ([www.pge.com/dacrfo](http://www.pge.com/dacrfo)) provides everything you need to submit an offer, including (but not limited to) the following:
  - RFO Documents for the Solicitation
  - Detailed instructions for submitting offer(s) using Power Advocate
  - Announcements, updates and Q&A
- All Solicitation communications should be directed to: [DACprocurement@pge.com](mailto:DACprocurement@pge.com) with a copy to the Independent Evaluator at [arroyosecoconsulting@gmail.com](mailto:arroyosecoconsulting@gmail.com)



# Offer Form Structure

- Instructions
- Validation Worksheet
- Participant Information and Developer Experience
- Project Description and Contract Information
- Energy Pricing Sheet
- Estimated Energy Production Profile
- Supply Chain Responsibility
- File Name

Instructions	Validation	Developer Experience	Product Description	Energy Pricing	Gen Profile	Supply Chain Responsibility	FileName
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# Offer Form – Instructions

- Be sure to enable macros when opening the Offer Form.
- Instruction tab provides clear directions on completing the Offer Form.
- Please make sure you save and submit the form in Microsoft Excel “.xlsb” format. **No other formats will be accepted.**
- Each cell with a yellow background **must** be filled out. Once completed the yellow background will disappear.
- Grayed out cells are auto-calculated cells.
- If the word “Complete” does not appear at the top of the page the form will be deemed invalid and returned to you.



# Offer Form – Developer Experience

Counterparty Information	
Counterparty/Legal Entity Name	ABC Renewables
Street Address	123 Main Street
City	Renewables State CA Zip Code 12345
Country	USA
Website	

Legal entity is the legal name that will be signing the PPA

Developer Information	
Developer Name:	ABC Renewables
Street Address	123 Main Street
City	Renewables State CA Zip Code 12345
<b>Authorized Contact #1</b>	
First Name	[Redacted]
Last Name	[Redacted]
Title	[Redacted]
Phone 1	[Redacted]
Phone 2	[Redacted]
Email	[Redacted]
<b>Authorized Contact #2</b>	
First Name	
Last Name	
Title	
Phone 1	
Phone 2	
Email	

Key Team Members	Project Developer	Project Title/Role	Project Name	Technology Type	Size (MW)	COD
Jane Doe	Jane Doe	Principal Developer	Solar Project 1	Photovoltaic	10.00	1/1/2012
Jane Doe	Jane Doe	Project Manager	Solar Project 2	Photovoltaic	20.00	5/1/1995

- The participant must provide evidence that one member of the development team has completed at least one project of similar technology and capacity. Specific role and contribution of that team member on the submitted project should be included in the outline, with links to project information.



# Offer Form – Developer Experience

- Please be sure to read each attestation and affirmation on the Developer Experience tab.

<b>Acknowledgement of Protocol</b>	
By selecting "Yes" participant hereby agrees to the terms of the Solicitation Protocol. Participant acknowledges that any costs incurred to become eligible or remain eligible for the solicitation, and any costs incurred to prepare an offer for this RFO are solely the responsibility of Participant.	
Section IX: Participant will abide by the confidentiality terms and conditions.	
Section XIV: Participant knowingly and voluntarily waives all remedies or damages at law or equity concerning or related in any way to the Solicitation.	
Electronic Signature	<input type="text"/>
Title	<input type="text"/>
Select "Yes" to certify that the typed name acts as your electronic signature	<input type="text" value="&lt;Choose&gt;"/>
<b>Participant Authorization</b>	
By selecting "Yes", participant hereby confirms that they are "a duly authorized representative of Participant."	
Electronic Signature	<input type="text"/>
Title	<input type="text"/>
Select "Yes" to certify that the typed name acts as your electronic signature	<input type="text" value="&lt;Choose&gt;"/>
<b>Attestation</b>	
By providing the electronic signature, below, Participant hereby attests that all information provided in this Offer Form and in response to this DAC RFO is true and correct to the best of Participant's knowledge as of the date such information is provided.	
Electronic Signature	<input type="text"/>
Title	<input type="text"/>
Select "Yes" to certify that the typed name acts as your electronic signature	<input type="text" value="&lt;Choose&gt;"/>
<b>Affirmation of ability to perform all obligations under the PPA</b>	
I have read and understand the PPA and attest that we are able to perform all obligations under the PPA and Protocol.	
Electronic Signature	<input type="text"/>
Title	<input type="text"/>
Select "Yes" to certify that the typed name acts as your electronic signature	<input type="text" value="&lt;Choose&gt;"/>
<b>Affirmation of project capacity capability to comply with Section 3.1(p)</b>	
This Project has the capability to comply with Section 3.1(q) (Seller Equipment Required for Curtailment Instruction Communications) of the PPA.	
Electronic Signature	<input type="text"/>
Title	<input type="text"/>
Select "Yes" to certify that the typed name acts as your electronic signature	<input type="text" value="&lt;Choose&gt;"/>
<b>Community Choice Aggregation Code of Conduct</b>	
Participant has received and read Attachment 1 of the <a href="#">CCA Code of Conduct Decision (D.12-12-036)</a> , and will not circumvent it.	
<input type="text" value="&lt;Choose&gt;"/>	
<b>Green-E Energy Code of Conduct and Developer Requirements</b>	
Participant has received and read the Green-E Energy Code of Conduct and Green-E Energy Requirements for Developers Participating in the California Disadvantaged Communities Program, and will abide by them and not circumvent them. The proposed project meets the marketing, reporting and other requirements of the Green-e® Energy Program to be able to produce Green-e® Energy eligible product in accordance with the Green-e® Energy National Standard in effect at the time of DAC PPA execution.	
<input type="text" value="&lt;Choose&gt;"/>	



# Offer Form – Product Description



## Participant Proposal Project Description and Contract Information

There are 50 input errors.

Project Information			
Project Name			
Street Address			
Project Location			
City	State	CA	Zip Code
County			
Latitude	degrees	Longitude	degrees
Census Tract			
ID			
City	Percentile Category		
County	CES 3.0 Percentile		
Zip			
Will leverage other government funding or demonstrate support from local climate initiatives (such as a state Community Services Department grant, or that provide evidence of support or endorsements from programs such as Transformative Climate Communities or other local climate initiatives)			
			<Choose>
Select Facility Status			
New			
Has this project previously been offered to PG&E?			<Choose>
Is the project site subject to restrictions under the Williamson Act?			<Choose>
Project Description			

Technology	
ERR Type	Photovoltaic
Solar Technology	<Choose>
Describe Other Solar Technology	
Cooling Method	<Choose>
<u>Solar Module Detail</u>	
Company Name	
Tracking and Orientation	<Choose>
If filed with the CEC for precertification, enter application date:	

Technology Operating Experience		
	Site #1	Site #2
Project Name		
Location (City, St)		
Capacity (MW)		
Website		

Offer Information	
Product Type	As-Available Peaking
Transaction Type	Full Buy/Sell Only
Capacity Type	<Choose>
DAC Program Selection	<Choose>
Project Size (MW)	
Expected Commercial Operation Date	
Delivery Term (months)	<Choose>

**Disadvantaged Communities - Qualifications (the information displayed here is dependent upon the C**

**A Census Tract ID must be entered in the "Project**

Site Control	
Type of Site Control	<Choose>
Enter Site Control Date:	
Site Owner Name (current):	
Ownership Type over Term:	<Choose>
Site Owner Address:	
Site Owner City:	
Site Owner State:	<Choose>
Site Owner ZipCode:	
Site Owner Phone #:	

Project Owners	
Parent Company Name	Own %
▲ Must total 100%	



# Offer Form – Product Description

Offer Information		
Product Type	As-Available Peaking	Description
Transaction Type	Full Buy/Sell Only	
Capacity Type	<Choose>	
DAC Program Selection	<Choose>	
Project Size (MW)		
Expected Commercial Operation Date		
Delivery Term (months)	<Choose>	

Electrical Interconnection Information			
Interconnection App. Status	<Choose>		
Interconnecting Utility	PG&E	Point of Interconnection	
Interconnection Agrmt. Type Name	<Choose>	Closest Substation	
Participating Transmission Owner	PG&E	Status of Interconnection Point	<Choose>
Queue Number			
Interconnection Net Capacity		MW	
Capacity Deliverability/Energy Only?		<Choose>	
Interconnection part of Cluster 5 or Later Studies?	<Choose>		
Interconnection Deliverability Option		Direct Assigned Cost (\$)	
		Area Delivery Network Upgrade Costs (\$)	
		Local Delivery Network Upgrade Costs (\$)	
		Reliability Network Upgrade Costs (\$)	
		Total Network Upgrade Costs (\$)	\$0.00
		Network Upgrade Construction Time (months)	
Interconnection Voltage		kV	
Interconnection Level	<Choose>		
Delivery Market	<Choose>		
Other Characteristics			



# Offer Form – Energy Pricing



## Participant Proposal - Energy Pricing Sheet

There are 2 input errors.

Pricing Type <Choose> ← Step 1

Contract Year Number	Contract Year Start Date (mm/dd/yyyy)	Contract Year Stop Date (mm/dd/yyyy)	Contract Capacity (MW)	Contract Price (\$/MWh)
1	01/01/00	12/31/00		← Step 2
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Average Contract Price \$0.00





# Offer Form – Generation Profile



## Estimated Energy Production Profile

Missing Input - Please make sure you have entered profile information

**IMPORTANT:**

- 1) Please provide a generation profile forecast of the project's average-day net output energy production, stated in MW by hour, by month and by year. Generation entered here should exclude onsite use and should be entered in calendar year format.
- 2) The template is designed and defaulted such that the generation profile should reflect the project's average-day net output at full capacity before degradation. The template defaults that the only changes to the generation profile through the term of the contract will be caused by annual degradation.

Annual Degradation (%)	
------------------------	--

[Click to Import or Clear a Generation Profile](#)

	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
Jan																								
Feb																								
Mar																								
Apr																								
May																								
Jun																								
Jul																								
Aug																								
Sep																								
Oct																								
Nov																								
Dec																								



# Offer Form – File Name

## A File Name must be generated.

### This offer form will not be accepted if the steps outlined below have not been followed!

A new File Name must be generated via the steps below for each offer submitted. If submitting multiple offers, please repeat these steps for each offer submitted.

These steps will create a unique, correctly formatted name that must be given to this offer form file before it is submitted. If you are submitting multiple offers and you employing "Save As" on a form you previously populated to create a new offer it is essential that a new/different file name be generated for each additional offer you create.

When you are ready to submit this form...

1) Click this button ►

2) Copy this text ▼ via the button at right and use it AS IS as the name of the file you submit

3) Once you have named this offer form via the steps above and submitted this form to PG&E keep it unchanged in a secure location where you can refer to it should PG&E have questions. If a PG&E representative contacts you regarding this offer form they will reference the file name.

**These instructions must be exercised just prior to actual submission of the form. The file name composed above must be created after you have finalized the rest of the form.**

*The functionality on this tab is not available until the following fields have been populated on other tabs.*

- Counterparty Name
- Census Tract Program Type (per Census Tract ID selection)
- DAC Program Selection
- Project Size
- Term
- Offering Name (default)
- Date/Time Stamp (calculated)

Appendix A - Version 2020.03.01

# Interconnection



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# Interconnection

- Tariffs
  - PG&E Wholesale Distribution (<60 kV)
  - CAISO Generator Interconnection and Deliverability Allocation Procedures (≥60 kV)
  - PG&E Rule 21 (not applicable for this RFO)
- Study Processes
  - Fast Track (FT)
  - Independent Study (ISP)
  - Cluster
- RFO Requirements
  - Phase II or equivalent study at time of Offer submittal
  - Can offer Energy Only (EO), Partial Capacity Deliverability Status (PCDS), or Full Capacity Deliverability Status (FCDS)



# Typical Study Timeline

## Application to completion of Phase II Study

Add ~4 months for Interconnection Agreement negotiation and execution

Grid Controller	Fast Track	Independent Study	Cluster
CAISO*	~1 month	6 months (SIS + FAS combined)	1.5 years (Phase I and II)
PG&E	1 month (IR only) 2 months (IR + SR, if required)	3 months (SIS only) 6 months (SIS + optional FAS)	1.25 years (Phase I and II)

\* Subject to CAISO Tariff

# Intermission

Email Questions to:

[DACProcurement@pge.com](mailto:DACProcurement@pge.com)



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# Q & A



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# Thank You



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