

2014 Energy Storage RFO Offer Form Webinar

January 15, 2015

Agenda

Topics

- Introduction
- Solicitation Overview
- Offer Submittal Process
- Key Reminders
- Offer Form
- Key Takeaways
- Q & A

Presenter

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Q&A / Audio Replay

- PG&E will not take phone questions during the presentation.
- Participants should email questions to EnergyStorage@pge.com during the presentation.
 - Questions may be answered at the end of the presentation
 - PG&E may not address all questions during the Q&A portion of this conference
 - After the webinar, PG&E will compile and post a Q&A document on PG&E's Energy Storage website, accessed via www.pge.com/rfo/energystorage
- PG&E will post 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 an email to EnergyStorage@pge.com by COB January 16, 2015.
- PG&E plans to post this document, and a recording of the presentation portion of the Webinar on PG&E's website (listed above).

Document Conflicts

- This presentation describes the Offer Form in general terms.
- Any inconsistency between the information in this presentation and the requirements of the RFO materials must be resolved in favor of the RFO materials.
- Participants should carefully review the Energy Storage Solicitation Protocol and all RFO materials, available on PG&E's website: www.pge.com/rfo/energystorage.

Solicitation Overview

RFO Schedule

DATE	EVENT
December 1, 2014	PG&E issued Energy Storage RFO
December 18, 2014	Participants' Conference
January 15, 2015	Offer Form Webinar
February 17, 2015	Deadline for PG&E to receive Offers by 1:00 pm PPT (submitted via Power Advocate)
April 24, 2015	PG&E notifies Participants of their eligibility for Shortlist Negotiations
May 1, 2015	Participants notify PG&E whether they accept Shortlist position by 12:00 pm PPT
May – September 2015	PG&E and Participants negotiate proposed Agreements
October 2015	Target for Agreement Execution
December 1, 2015	Deadline for PG&E to file Application(s) for approval of executed Agreements

Please note that the schedule and documents associated with the RFO are subject to change at PG&E's sole discretion at any time and for any reason.

Website and Communications

- The Energy Storage RFO website (www.pge.com/rfo/energystorage) includes everything you need to submit an offer, including but not limited to:
 - RFO documents
 - Detailed instructions for submitting offer(s) through Power Advocate
 - Announcements, updates, and Q&A
- All communications should be directed to: EnergyStorage@pge.com, with a copy to the Independent Evaluator for the 2014 Energy Storage RFO at waynejoliver@aol.com.

Offer Submittal Process

Offer Submittal Process

- Offers must be submitted via the online platform Power Advocate.
 - In order to submit an Offer, participants *must first pre-register* with Power Advocate, at: <https://www.poweradvocate.com/pR.do?okey=46155&pubEvent=true>
 - PG&E strongly encourages you to register well in advance of the Offer due date.
- Detailed instructions for submitting Offer(s) and using Power Advocate are available on PG&E’s Energy Storage RFO website: www.pge.com/rfo/energystorage.
- Offer package must contain all required information, and must be organized as described in the Solicitation Protocol Section VI.D, Required Information.
- PG&E will consider submitted Offers that, as of the submittal deadline (February 17, 2015 by 1:00 PM PPT), are complete and conforming.
- Failure to respond to inquiries by PG&E regarding incomplete or incorrect information could result in disqualification for the RFO.
- By submitting an Offer in this RFO, each Participant must agree to the confidentiality obligations specified in Section IX of the Solicitation Protocol by selecting “Yes” in the Acknowledgements and Authorizations section of the “Participant Information” tab of the Offer Form.

Offers and Variations Allowed Per Participant

- Participants may submit up to twelve (12) Offers
 - An Offer is defined as a specific Project at a particular location, using one type of technology, and under a specific agreement type
 - A variation in any of these attributes constitutes a substantial change and creates a separate Offer
 - Participants must submit a separate Offer Form for each Offer
- Participants may submit up to five (5) variations of each Offer, that is, the base Offer plus 4 variations.
 - A variation may alter attributes such as delivery term, price, commercial operation date, capacity, duration, or other operational characteristics
 - Submit a separate Offer Form for each variation

Offer Submittal

Complete Energy Storage Offer Package for each Offer (by February 17, 2015 by 1:00 PM PPT):

- **Introductory Letter**
- **Appendix A: Offer Form (Excel)**
- **Appendix B1: Project Description**
- **Appendix B2: Site Control**
- **Appendix B3: Project Milestone Schedule**
- **Appendix B4: Experience Qualifications**
- **Appendix B5: Electric Interconnection**
- **Appendix B6: Organizational and Financial Information**
- **Appendix B7: PSA Additional Information**
- **Appendix C: FERC 717 Waiver**
- **Appendix D: Confidentiality Agreement**
- **Appendix F1b – F7: Relevant Term or Summary Sheet for Agreement**

Post-Shortlist Documents (by May 8, 2015 by 5:00 PM PPT)

- **Appendix F or Existing Agreement: Redline of relevant Agreement**
- **Appendix G1: Letter of Credit (if applicable)**
- **Appendix G2: Request for Taxpayer ID Form (if applicable)**
- **Interconnection Application**

Key Reminders

Reminders

- **Complete Offer Packages**
- **Be Consistent within an Offer Package (i.e. across Offer Form and Appendices)**
- **Confirm that the most recent draft of files/documents were used when submitting final Offer Package**

Reminders

- Participants planning to offer energy storage projects co-located with existing generation resources currently under contract with PG&E should contact PG&E in advance of making the offer
 - Send an e-mail to the energy storage mailbox, EnergyStorage@pge.com, with a copy to the Independent Evaluator at waynejoliver@aol.com. Also copy the PG&E contract manager for your current contract.
 - The e-mail should include information on your current contract, your proposed energy storage project size, charging source(s), operating characteristics, site layout and metering arrangement.
- Energy storage projects with existing RPS contracts may only charge from the grid or the RPS project, not both.
- Review CAISO, CPUC, and CEC requirements applicable to the project.

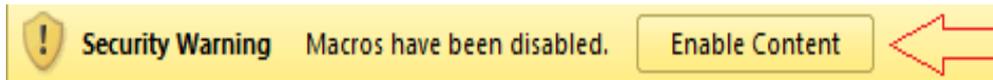
Offer Form

Offer Form - Instructions

1. Download the most recent version of the Offer Form, **Version 2014.2** (uploaded to the ES RFO website on 1/12/15). Do not use any earlier versions of this Offer Form!
2. Enable macros when opening the Offer Form. This can be done in two ways:
 - a. Enable macros on the “Microsoft Excel Security Notice” that is displayed before the form opens...



- b. Enable macros by clicking the “Enable Content” button that is often displayed at the top of the screen when the form first opens:



3. Fill out the tabs from left to right, and fill out individual cells on each tab from top to bottom.
4. Every cell with a yellow background must be filled in. As you fill these fields in, the yellow background will disappear. Once all fields on a tab have been filled in, you will see the word "**Complete**" appear at the top of the page. If the word "**Complete**" does not appear, the form will be deemed invalid.
5. Grayed out cells are auto-calculated cells. You don't need to fill these out.

Offer Form – Instructions, cont.

6. The workbook is set to recalculate automatically; however, if for some reason it is not refreshed automatically, press **F9** to refresh.

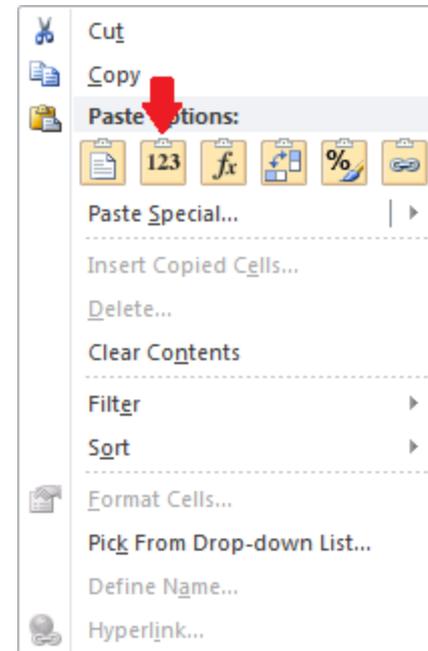
7. If you are copying and pasting values from one field to another, we recommend that you paste the value(s) via “paste special” and then select “value” option (as shown on the right). This keeps the original formatting.

8. Participants are encouraged to take every opportunity to fully describe their proposal. The inclusion of **free form** blocks allows the Participant to describe aspects of their proposal in more detail. In particular, if the Offer Form does not request all the important information associated with your proposal, you should use these free form blocks to fully describe your proposal.

9. Save early and often!

10. If the Offer Form is behaving oddly, then close and reopen the Offer Form to reset.

11. You must submit an **Excel form** – no other formats will be accepted.



Offer Form – Instructions, cont.

Contract Type (can be selected in cell M19 of the “Project Information” tab)	Required Offer Form Tabs	Description
Energy Storage Agreement (ESA)	Participant Information	This tab asks about general counterparty information, ownership, developer information, and confirmation that the counterparty acknowledges the protocol.
	Project Information	This tab asks about general project information including information on: offer and variation numbers, project name and location, electric interconnection, signal response and control, energy storage technology, storage unit specifications, seller security requirements, and RPS generation technology (if applicable).
	Operating Information ⁽¹⁾	This tab asks about operating characteristics of the energy storage system, including charging/discharging parameters, ancillary services information, ramp rates, system response and start-up times, run-time limitations, daily constraints, emission rates (if applicable), and flexible RA conditions (if applicable).
	Compensation	This tab asks about the Offer price.
	Availability	This tab asks about guaranteed availability, maintenance schedules, and major overhaul schedules.
	Degradation	This tab asks for degradation information on discharge power, energy capacity, efficiency degradation, and heat rate degradation (if applicable).
	Development Experience	This tab asks for a general description of the developer’s experience with similar projects and other generation projects.
	Supplier Diversity	This tab is a questionnaire about supplier diversity qualifications.

(1) Items in red in the center column in the table above are the names of tabs that are displayed only when the value in the first column is selected as the "Contract Type" on the "Project Information" tab (cell M19).

Offer Form - Validation

You do not need to input anything on this tab. This tab shows all of the potential tabs available (although not all will be applicable for every project), and the number of values missing on each tab in the Offer Form. Please make sure that all required inputs highlighted in yellow are correctly filled in (i.e., there are 0 missing or incorrect values), before submitting your Offer Form.

Tab Name	Message
Participant_Information	There are 32 missing or incorrect values on this tab
Project_Information	There are 40 missing or incorrect values on this tab
Operating_Information	There are 32 or more missing or incorrect values on this tab
Compensation	This tab is visible only if "Energy Storage Agreement" or "Amendment to non-RPS PPA" is selected in the "Contract Type" field on the "Project Information" Tab
Availability	There are 3 missing or incorrect values on this tab
Conventional_Gen_With_Storage	This tab is visible only if "Amendment to Existing non-RPS PPA" is selected in the "Contract Type" field on the "Project Information" Tab
Conventional_Gen_No_Storage	This tab is visible only if "Amendment to Existing non-RPS PPA" is selected in the "Contract Type" field on the "Project Information" Tab
PSA_Offers_Only	This tab is visible only if one of the "Purchase and Sale Agreement..." options is selected in the "Contract Type" field on the "Project Information" Tab
RA_Only_Offers	This tab is visible only if "RA Capacity Confirm" is selected in the "Contract Type" field on the "Project Information" Tab
RPS_Existing_Pricing	There are 8 or more missing values or unsatisfied requirements on this tab
RPS_Existing_Gen_Profile	COMPLETE
Degradation	There are 3 or more missing values or un-satisfied conditions on this tab
Development_Experience	There are 5 missing or incorrect values on this tab
Supplier_Diversity	There are 7 missing or incorrect values on this tab

Offer Form – Participant Information

Counterparty Information	
Counterparty/Legal Entity Name	ABCXYZ Solar, LLC
Street Address	456 Solar Lane
City	Solar City
Country	U.S.A.
Website	www.abcxyzsolar.com

Provide the name of the legal entity that will be obligated under the contract type that you select (ESA/PSA/RA Confirm/Amendment).

Project Owners		
Name	Ownership %	Website URL
	0%	ERROR: Total must be 100%

Developer Information	
Developer Name	ABCXYZ Renewables
Street Address	123 ABC Lane
City	Renewable City
State	
Zip Code	
Authorized Contact #1	Authorized Contact #2
First Name	First Name
Last Name	Last Name
Title	Title
Phone 1	Phone 1
Phone 2	Phone 2
Email	Email

You must select "Yes" for each of the Acknowledgement, Participant, and Attestation sections.

Acknowledgement of Protocol	
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.	
Electronic Signature	Select 'Yes' to certify that the typed name acts as your electronic signature.
Title	

Participant Authorization	
By selecting 'Yes', participant hereby confirms that they are "a duly authorized representative of Participant."	
Electronic Signature	Select 'Yes' to certify that the typed name acts as your electronic signature.
Title	

Attestation	
By providing the electronic signature, below, Participant hereby attests that all information provided in this Offer Package and in response to this Energy Storage RFO is true and correct to the best of Participant's knowledge as of the date such information is provide.	
Electronic Signature	Select 'Yes' to certify that the typed name acts as your electronic signature.
Title	

Offer Form – Project Information (top left)

General Offer Information			
Total Offers		Offer Source	Storage
Offer #		Year	2014
Variation	<Choose One>	Bid ID	_Storage_0<_of_0_Storage2014_1
Does this project include generation that has been offered to PG&E through a prior RFO?			<Choose>

- You may submit up to 12 Offers, and up to 5 variations per Offer. Definitions of an “Offer” and a “Variation” are provided in the Energy Storage RFO Protocol (and also on slide 10 of this presentation).
- Submit a separate Excel workbook (Appendix A – Offer Form) for each unique Offer and variation.

OFFER #1 of 2

General Offer Information	
Total Offers	2
Offer #	1
Variation	a (base)

General Offer Information	
Total Offers	2
Offer #	1
Variation	b

General Offer Information	
Total Offers	2
Offer #	1
Variation	c

Variations
'a' thru 'e'
permitted

OFFER #2 of 2

General Offer Information	
Total Offers	2
Offer #	2
Variation	a (base)

General Offer Information	
Total Offers	2
Offer #	2
Variation	b

As many as 12
Offers permitted

Offer Form – Project Information (top left)

General Offer Information		
Total Offers		Offer Source
Offer #		Year
Variation	<Choose One>	Bid ID
Does this project include generation that has been offered to PG&E through a prior RFO?		Storage
		2014
		__Storage_0<_of_0_Storage2014_1
		<Choose>

The red triangles ▼ indicate comment balloons. Hover your mouse over the cells with the triangles to read the comments.

If you answer “yes” to this question, additional required fields will become visible towards the bottom of the tab...

...these are the additional questions that become visible if you indicate “Yes” to the question above, regarding generation that has been offered to PG&E before.

Submission History			
It was indicated above that this project has previously been offered to PG&E. Please identify the forum(s) in which the offer was previously made.			
Forum	Project Name	Bid ID if known	Comments / Notes
<Choose One>			

Offer Form – Project Information

(top left)

The grayed out cells become available and yellow if you answer “Yes” to the question regarding whether your energy storage project is integrated with generation that is not owned by PG&E, but that is under an existing contract with PG&E.

Project Information			
Full Legal Project Name	[Yellow]		
Street Address	[Yellow]		
City	[Yellow]	State	[Yellow] <Choose>
County	[Yellow]	Zip Code	[Yellow]
Latitude	[Yellow] degrees	Longitude	[Yellow] degrees
Type of Site Control	[Yellow] <Choose One>		
Energy Storage Facility Status	[Yellow] <Choose One>		
	Is Energy Storage to be integrated with generation under an existing contract with PG&E?		[Yellow] <Choose>
PG&E log number, if this project has an existing contract with PG&E	[Grayed Out]	Existing Contract Expiration Date	[Grayed Out]
CAISO Resource ID if available	[Grayed Out]	Existing Contract Technology Type	[Grayed Out]
Describe existing contract type	[Grayed Out]		
If existing contract is RPS, indicate TOD Factors in contract	[Grayed Out]	RFO Year	[Grayed Out]
Project funding from state or federal programs?	[Yellow] <Choose>		

Note: Projects must directly interconnect to the CAISO system.

Offer Form – Project Information (top right)

Offer Information

Product(s) Offered: Choose all that apply

You must select at least one of these options

Resource Adequacy Flex Ramping Up/Down Reg Up/Down (Ancillary Service)

Energy Non-Spin (Ancillary Service) Regulation Energy Management (REM) (a subset of Reg Up/Down)

Black Start Spin (Ancillary Service)

Contract Type

Energy Storage Agreement For Existing RPS Power Purchase Agreement (PPA)

<Choose One>

Energy Storage Agreement

Purchase and Sale Agreement (for Distribution Deferral)

Purchase and Sale Agreement (for PG&E owned PV)

Purchase and Sale Agreement (for Stand Alone Energy Storage)

Energy Storage Agreement For Existing RPS Power Purchase Agreement (PPA)

Amendment to Existing non-RPS Agreement

Resource Adequacy Confirmation

Delivery Term Start Date

Delivery Term Length (Months) **0.00 years**

Design Dmax (maximum power steady state power discharge from 100% to 0% State of Charge, MW measured as MWh/hr, which is equivalent to MW)

This “Contract Type” question is an important one – depending on how it’s answered, various other tabs and fields will become visible and highlighted.

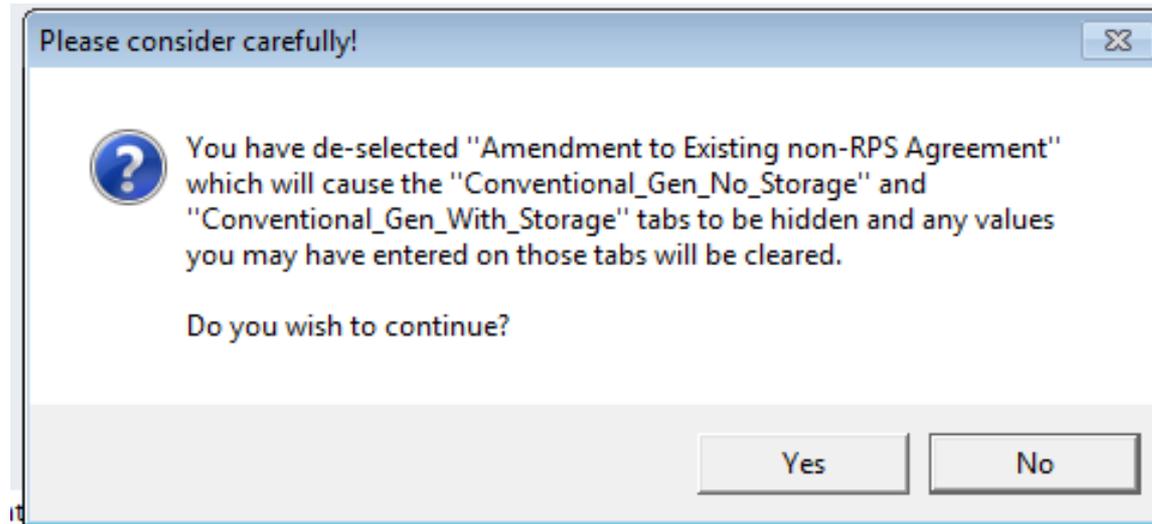
You should select “Energy Storage Agreement For Existing RPS Power Purchase Agreement (PPA)” **IF** you are adding storage to an RPS project that is not owned by PG&E, but is under a current contract with PG&E, and the storage would charge exclusively from the RPS project.

Warning - Switching Between Contract Types Clears Fields!

When you change the Contract Type in cell M19 of the "Project Information" tab,



you will get several message balloons warning you that certain tabs will become hidden, and fields within those tabs will be cleared.



If you do not want to lose the information that you have entered, **save** your entries in different names of this Offer Form.

Offer Form – Project Information

(middle left)

Electrical Interconnection Information

Please provide this information from the latest interconnection study, if available. For storage added to generation with an existing interconnection, provide information about the additional costs and timing associated with the storage only (cells I38 – I41, I43).

Interconnection App. Status	Phase II study or equivalent complete		Direct Assigned Cost (\$)	
Interconnecting Utility	PG&E		Area Delivery Network Upgrade Costs (\$)	
Interconnection Point Status	Does not exist & not fully permitted to construct		Local Delivery Network Upgrade Costs (\$)	
Interconnection Queue	CAISO GIDAP		Reliability Network Upgrade Costs (\$)	
Queue Number			Total Network Upgrade Costs (\$)	\$0
Intercon. part of Cluster 5 or Later Studies?	Yes		Network Upgrade Construction Time (months)	
Interconnection Choice	Option A		Deliverability % (for partial deliverability, list % of full deliverability)	
Full Capacity Deliverability/Energy Only?	Full Capacity Deliverability		Energy only interconnection date	
Existing Interconnection Capacity			Deliverability Date	
New Interconnection Agreement Capacity	22.00	MW	Other Characteristics	
Interconnection Voltage	60.00	kV		
Interconnection Level	Transmission			
Delivery Market	NP15			
Expected Interconnection Point				
Closest Substation				

New Interconnection Capacity: for distribution deferral projects, enter “0” (bidder does not need to apply for the Wholesale Distribution Tariff [WDT] Interconnection Request).

Existing Interconnection Capacity: This question is visible if your Project would add storage to existing non-PG&E-owned generation. If this is the case, enter the current interconnection agreement capacity here, and the new capacity (with added storage) in the line that follows.

If you have not completed any interconnection studies, then you don’t need to fill these cost fields in (they are optional fields, and not highlighted in yellow).

Offer Form – Project Information

(middle right)

Hover over the red triangle to read the definitions for the 5 different storage methods that we ask you to choose from. In this example, I chose “Electrochemical,” which is the method you should choose for batteries and flow batteries.

Storage Unit Specifications	
Storage Method	Electrochemical
Storage Unit Technology	Batteries
Specific Storage Technology	Lithium Ion (Li Ion) Batteries
Lithium Battery Type	Lithium Manganese Oxide
Other Lithium Battery Type	
Storage Technology Description	

The % column is calculated based on: $(\$ \text{ Offered}) / (\$ \text{ Required})$.

Seller Security Requirements			
<i>Calculations are illustrative and final amounts are subject to confirmation by PG&E's Credit Department for any executed contract.</i>			
	Required	Offered	%
Project Development Security (\$)*	600,000.00	\$500,000.00	83%
Delivery Term Security Offered (\$)*	1,250,000.00	\$1,250,000.00	100%

* Required amounts are calculated per applicable Contract Agreement type. For an ESA, RA Confirm, and Amendment to Existing PPA, Project Development Security (PDS) is \$60/kW x Design Dmax; and Delivery Term Security (DTS) is \$125/kW x Design Dmax or 10% of capability payments up to 3 years, whichever is higher. For a PSA, the PDS is 10% of the purchase price.

The Delivery Term Security calculation may be updated, depending on what values you enter for capability payments on the “Compensation” tab.

Offer Form – Project Information

(bottom left)

Signal Response and Control

Is storage dispatchable by PG&E?

Is the energy storage resource capable of receiving and responding to CAISO control signals, including ADS and AGC?

Is the energy storage resource capable of being controlled by utility standard SCADA signal?

Describe any user software available to monitor/control your energy storage technology (if not applicable or unknown at this time, please indicate that in your response below):

All energy storage should be dispatchable by PG&E, as PG&E expects to be the scheduling coordinator, except for RA Confirms. Please include as much information as possible on user software that will be used to control your energy storage system.

If you select "Energy Storage Agreement for Existing RPS Power Purchase Agreement" (cell M19), then this additional section of questions regarding the existing RPS will appear at the bottom of this tab.

ADDITIONAL QUESTIONS FOR RPS WITH STORAGE OFFERS

Generation Technology (This panel is displayed when "Energy Storage Agreement" is selected)

ERR Type

Is this a CHP resource?

Solar Technology

Describe Other Solar Technology

Solar Thermal Technology Cooling Method

Solar Module Detail

Company Name

Tracking and Orientation

Model

Please enter CEC application date

RPS Commercial Operation Date

RPS Full Deliverability Date

RPS Contract Term (months)

RPS Nameplate Capacity (MW)

Offer Form – Project Information

(bottom right)

Natural Gas	
Will natural gas be used for operation?	<u>Yes</u>
Number of Gas-firing Units	<u>2</u>

Fuel	
Gas Transportation Rate	<Choose One>
Other Transportation Rate	
Other Transportation Rate \$	\$/mmBtu
Other Gas Transportation Rates (if any)	
Heat Content (gaseous)	mmBtu/MCF
Gas Transportation Surcharge Rate	
Other Surcharge Rate	
Other Surcharge Rate \$	\$/mmBtu

Gas Interconnection (applicable to Natural Gas facilities only)	
Interconnecting Utility	<Choose One>
Other Utility	
Level of Interconnection	<Choose One>
Existing Facility	
Gas Meterset Number	
Start date of gas service agreement	
End date of gas service agreement	
Map Provided for Interconnection Point and Meterset Location:	<Choose>
New/Expanding/Repowered Facilities	

The "Fuel" and "Gas Interconnection" sections pictured here are visible only if you answer "Yes" to the top question, "Will natural gas be used for operation?" Several other natural gas-specific questions also will become visible on subsequent tabs.

Offer Form – Operating Information

Some energy storage systems' operations will vary month to month. Fill in this "Monthly Variations" column first. If you enter "Yes," then the month cells to the right become highlighted, and the January value automatically populates the cell on the left. If you enter "no," indicating that the values are the same for each month, then the cell on the left becomes highlighted. Whatever is entered for this highlighted "January Value" on the left automatically populates for each month on the right.

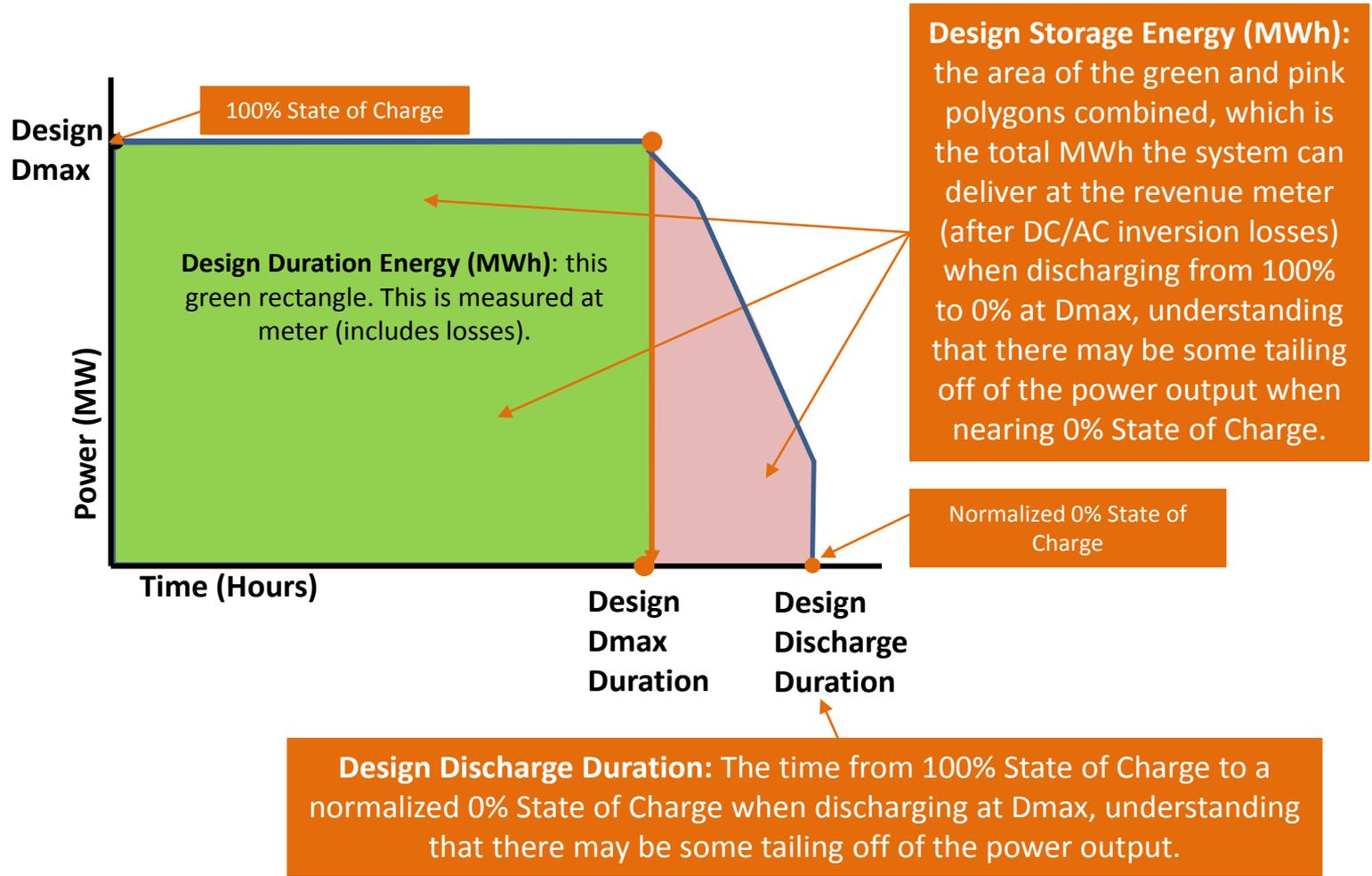
To complete this section begin by making a selection in the Monthly Variations column. Select "Yes" to unlock the month columns. Select "No" to enter a single value for the row in the January Value column (except for Design Dmax)

Parameters	January Value	Unit	Monthly Variations?	Monthly Variations Over the First Contract Year			
				Jan	Feb	Mar	Apr
Design Dmax	10.00	MW	No	10.00	10.00	10.00	10.00
Design Dmin	2.00	MW	Yes	2.00	3.00	4.00	2.00
Design Discharge Duration		Hrs	No	0.00	0.00	0.00	0.00
Design Dmax Duration		Hrs	Yes				
Design Storage Energy	0.00	MWh	<Choose>	0.00	0.00	0.00	0.00
Design Duration Energy	0.00	MWh	N/A	0.00	0.00	0.00	0.00

Dmax is auto-populated from the "Offer Information" section (cell P26) of the "Project Information" tab.

Hover over the red triangles for definitions. These definitions come from Appendix II of the Energy Storage Agreement.

Offer Form - Operating Information



This is a graphical representation of some discharging parameters that we ask for in the “Operating Information” tab.

Offer Form – Operating Information

Guaranteed Efficiency	0%	Percent	<Choose>	0%	0%	0%	0%
Full Duty Cycle Efficiency	0%	Percent	<Choose>	0%	0%	0%	0%
Operating Auxiliary Load	0.00	kW	<Choose>	0.00	0.00	0.00	0.00
Idle Auxiliary Load	0.00	kW	<Choose>	0.00	0.00	0.00	0.00
Incidental Load	0.00	kW	<Choose>	0.00	0.00	0.00	0.00

Guaranteed Efficiency - A guaranteed measure for the ratio of the Delivered Discharge Energy to Charging Energy. Does *not* include auxiliary load (e.g., heating/cooling of the energy storage system), or incidental load (aka station load) (e.g., energy used to power lights or security systems).

Delivered Discharge Energy- all Energy discharged from the Project as measured in MWh at the Electric Revenue Meter and the Electrical Delivery Point.

Charging Energy - the amount of Energy withdrawn from the Participating Transmission Owner's electrical system or the CAISO Grid to be stored by the Project and discharged at a later time as measured in MWh at the Electric Revenue Meter of the Project. Charging Energy never includes Station Use or Auxiliary Load.

Charging Energy for Storage Charging Exclusively from RPS - the amount of RPS Energy, measured in MWh at the Electric Revenue Meter of the Project, that would have been delivered to the Participating Transmission Owner's electrical system or the CAISO Grid but instead was used to charge the energy storage to be discharged at a later time. Charging Energy never includes Station Use and Auxiliary Load.

Offer Form – Operating Information

This row is auto-populated from the “Offer Information” section of the “Project Information” tab.

Ancillary Services Information			
	Regulation	Spinning Reserves	Non-spinning Reserves
Provided to PG&E to schedule?	Yes	No	No
Maximum amount of MWs that a Facility can provide when discharging			
Maximum amount of MWs that a Facility can provide when charging			

Ramp Rates		
<i>Please provide the average ramp rates. This is calculated by dividing the change in MW for the specified ramping range, by the minutes required for the facility to change between the specified operating levels. Exclude the time it takes to produce an AC electrical response from the time that a communication signal for instruction is received.</i>		
Dmin to Dmax		MW/min
Cmin to Cmax		MW/min
Dmax to Dmin		MW/min
Cmax to Cmin		MW/min

Offer Form – Operating Information

Run Time Limitations	
Minimum Run Time Required after a Discharge start (please exclude the discharge start-up time)	<input type="text"/> minutes
Minimum Run Time Required after a Charge start (please exclude the charge start-up time)	<input type="text"/> minutes
Minimum (Discharge) Down Time Required before a Discharge Start (please exclude the discharge start-up time)	<input type="text"/> minutes
Minimum (Charge) Down Time Required for a Charge Start (please exclude the charge start-up time)	<input type="text"/> minutes

Daily Constraints	
<i>Only provide if applicable, otherwise leave blank</i>	
	Maximum Value Allowed Per Day
Maximum Number of Discharge Start-ups	<input type="text"/>
Maximum Number of Charge Start-ups	<input type="text"/>
Maximum Delivered Discharge Energy (MWh)	<input type="text"/>
Maximum Number of Transitions from Charge to Discharge (ignoring idle time in between)	<input type="text"/>
Maximum Number of Charge Hours	<input type="text"/>
Maximum Number of Discharge Hours	<input type="text"/>
Maximum Number of Run Hours (charge or discharge)	<input type="text"/>
Does your Facility have Deep Discharge Constraints?	<input type="text" value="<Choose>"/>
Below What % State of Charge Would your Facility be in a Deep Discharge?	<input type="text"/> %
Maximum Number of Deep Discharges?	<input type="text"/>

“Daily Constraints” should be filled in *if* applicable. PG&E will operate your energy storage projects within the specified constraints of your Offer. If your energy storage has daily constraints not listed here, then use the free-form text blocks that follow (not shown here).

Offer Form – Operating Information

System Response and Start-up Time

Timing should commence with system at a steady-state starting value and end when system has reached a steady-state ending value. Increments of less than 1 second are not necessary. Idle means that the system is neither charging nor discharging, but is online and ready for immediate operation.

Idle to Dmax [] minutes
 Idle to Cmax [] minutes
 Dmax to Cmax [] minutes
 Cmax to Dmax [] minutes
 Cmin to Dmin [] seconds
 Dmin to Cmin [] seconds

transition time from charging to discharging
 transition time from discharging to charging

Charge Start-Up time (from notification to Cmin) [] minutes
 Charge Start-Up Fuel [] MMBtu

Does Discharge Start-up Time, Required Down Time, or Fuel vary by hot/warm/cold start?
 Maximum Down Time for Hot Start [] minutes
 Minimum Down Time for Cold Start [] minutes

	Hot	Warm	Cold	
Discharge Start-up Time (from notification to Dmin)	[]	[]	[]	minutes
Discharge Start-up Fuel	[]	[]	[]	MMBtu

“Cmin to Dmin” and “Dmin to Cmin” values will be used in the Flexible RA section below, if you checked the Flexible Resource Adequacy box on the “Project Information” tab. The “Hot/Warm/Cold” sections are applicable generally if your energy storage uses natural gas, but there may be other cases as well. If not applicable, just fill in the “hot” column.

Offer Form – Operating Information

Flexible RA

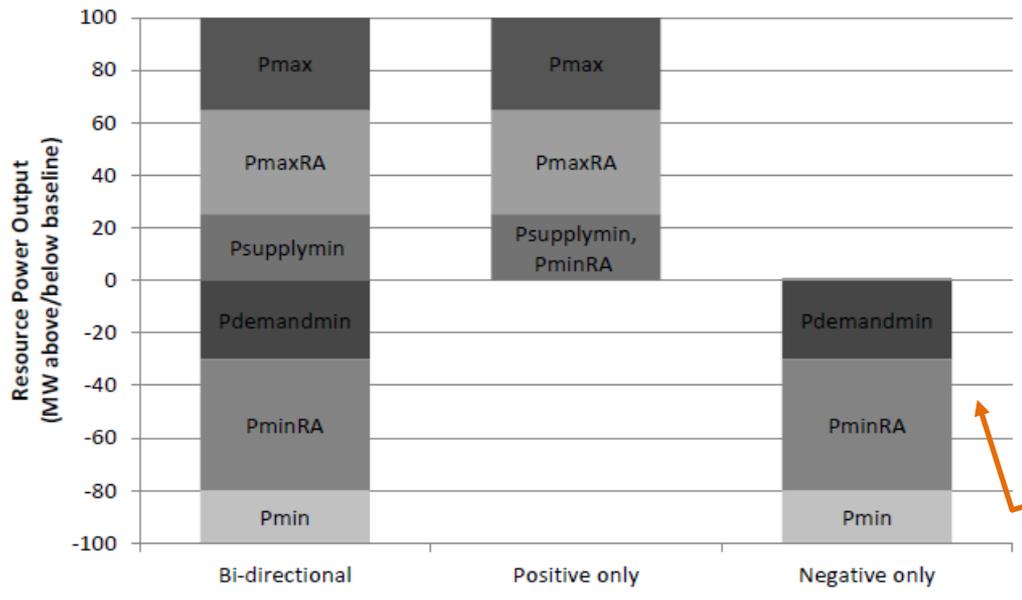
These fields refer to the definition in Appendix B of Decision 14-06-050 dated June 26, 2014 (click here to display the definition)

The fields in this section are required if you checked the "Flexible Resource Adequacy" box in the "Project Information" tab.

Type of facility as per storage Flex RA document classification

<Choose One>

PmaxRA	<input type="text"/>	MW	Maximum positive output sustainable for the duration of the offer
Psupply_min	<input type="text"/>	MW	Minimum positive output sustainable for the duration of the offer
Pdemand_min	<input type="text"/>	MW	Smallest negative output sustainable for the duration of the offer
Start-up time	<input type="text" value="0.00"/>	minutes	Time to go from being turned off (cold start) to PmaxRA (see row 57, above)
Shut-down time	<input type="text"/>	minutes	Time to go from charging at the Pdemand_min to being turned off



- The CPUC adopted **Flexible Resource Adequacy (Flex RA)** for 2015 moving forward. This is a new requirement that is in addition to existing Resource Adequacy (RA) obligations for jurisdictional entities. The CAISO has adopted parallel rules.
- Flex RA is intended to help manage the integration of the growing fleet of variable energy resources, principally wind and solar, and is driven by the 33% Renewable Portfolio Standard (RPS). Integration challenges include significant "net-load" ramping, the CAISO "Duck Chart," and the added variability/uncertainty of variable energy resources. [Net Load = Load – Wind - Solar]
- This Flexible RA section becomes visible if you select **Flexible Resource Adequacy** on the "Project Information" tab.

The required variables in this section come directly from Decision 14-06-050, with a hyperlink to this Decision in the instructions. **Thoroughly review this document!** Figure 2 in Appendix B of D. 14-06-050 (shown left) shows the variable inputs required to calculate energy storage Flexible RA.

Offer Form – Compensation

Escalation Rate for Capability and Variable O&M Payment Prices - If capability payments or variable O&M payments are constant each year, then list 0% for the escalation rate at the top of this tab. Otherwise, list the annual % escalation rate. Then, once you populate pricing for Contract Year 1, subsequent years are auto-populated.

Pricing / Compensation

Escalation Rate for Capability Payment Price: 0.00% per year
 Escalation Rate for Variable O&M Price, for Discharging: 1.00% per year

Contract Year	Contract Year Start Date (mm/dd/yy)	Contract Year Stop Date (mm/dd/yy)	Capability Payment Price (\$/kW-yr)	Variable O&M Price for Discharging (\$/MWh)	Fired Hour Charge per Hour per Unit (\$/fired hr/unit)	Start-up Payment (\$) for Entire Facility		
						Hot	Warm (if applicable)	Cold (if applicable)
1	01/01/20	12/31/20	\$100,000.00					
2	01/01/21	12/31/21	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	01/01/22	12/31/22	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	01/01/23	12/31/23	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	01/01/24	12/31/24	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	01/01/25	12/31/25	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	01/01/26	12/31/26	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

- The first 3 columns, number of Contract Years, Contract Year Start Date, and Contract Year Stop Date, are populated from the corresponding cells on the “Project Information” tab.
- The four right-most columns appear *only* if natural gas is used as part of the energy storage system (e.g., some Compressed Air Energy Storage projects).

Offer Form – Availability

Availability (as described in Section 3.3(a) of the ESA)

Availability = What percent of time your energy storage system is available. $[(\text{Hours in the Month}) - (\text{Excused Maintenance}) - (\text{Unavailable Hours due to forced outage or unexcused schedule maintenance outage})] / [(\text{Hours in the Month}) - (\text{Excused Maintenance})]$

	Months	% Availability
Non-Summer Months	Jan	96%
	Feb	96%
	Mar	96%
	Apr	96%
Summer Months	May	98%
	Jun	98%
	Jul	98%

	Seller Provided % Availability	ESA Required % Availability
Average Availability - Non-Summer Months	96%	96%
Average Availability - Summer Months	98%	98%

What factors drive the forced outage rate (e.g. vary by season, or other factors)?

- This tab asks questions about the guaranteed availability of your energy storage resource under the contract. Your **% Availability** is diminished due to unavailable hours from forced outages or unexcused scheduled maintenance.
- The **% Availability** is not modifiable for ESAs, and your payments will be reduced if you cannot meet the guaranteed % availability. However, for Amendments to existing PPA agreements (e.g., an existing tolling agreement that seeks to add storage), the monthly % availability may be modified to match what was agreed upon in the existing tolling agreement.

Offer Form – Availability

Maintenance Schedules

If ESA for existing RPS PPA, please provide maintenance outage schedule for energy storage.

HE 7 – 22: hours ending 7 – 22, or
6 am – 10 pm.

HE 23 – 6: hours ending 26 – 6, or
10 pm – 6 am.

Maintenance Outage Schedule (excluding major overhauls)

Month	HE7-22	HE23-6	Total	
January			0.0	hours
February			0.0	hours
March			0.0	hours
April			0.0	hours
May			0.0	hours

Default Maintenance Notes in ESA (ESA Section 10.2(e))

- (i) Scheduled Maintenance Outages are prohibited during
- (ii) During Winter Months, there shall be no Scheduled Maintenance Outages on any day, absent written pre-approval of Buyer;
- (iii) Excused Scheduled Maintenance Outages for any Unit during any month period.

Major Overhaul Schedule

If ESA for existing RPS PPA, please provide major overhaul schedules for energy storage that is added to the project.

Overhaul driver

Overhaul interval

Number of hours required per major overhaul if needed

- For “ESAs for an Existing RPS PPA,” provide the above information for the energy storage (only) that is added to the existing RPS generation.
- Major Overhaul Schedule – what is the overhaul driver: none (implying that no major overhaul would be required), contract year, discharge hours, or delivered discharge energy? What is the interval of this driver before a major overhaul is required? For example, your unit may require a major overhaul after delivering 1,000 MWh of discharge energy.

Offer Form – Development Experience

Project Development Experience	
<p>Select the option on the right that best matches the project status or experience. Answers are listed in order of highest → lowest level of experience, so if multiple answers are applicable then select the highest answer on the list.</p>	
Project Development Experience	<input checked="" type="checkbox"/> Have completed one or more energy storage projects that are in commercial operation
	<input type="checkbox"/> Have completed one or more energy storage projects as a pilot/demonstration project
	<input type="checkbox"/> Have not completed an energy storage project in commercial operation or as a pilot, but have completed one or more electricity generation projects
	<input type="checkbox"/> In development of a project
	<input type="checkbox"/> No project development experience
Operation and Management Experience	<input type="checkbox"/> Have experience operating a commercial energy storage resource
	<input type="checkbox"/> Have experience operating a pilot/demonstration energy storage resource
	<input type="checkbox"/> No experience operating an energy storage resource, but have experience operating a commercial electricity generation resource
	<input type="checkbox"/> Have no experience operating a resource
Site Control	<input type="checkbox"/> 100% site control
	<input type="checkbox"/> Participant has a majority control (>=50% and <100%) over the project site and gen-tie line corridor connecting the facility to the grid
	<input type="checkbox"/> Project has a minority control (<50%) over the project site and gen-tie line corridor connecting the facility to the grid
	<input type="checkbox"/> Identified location but not achieved site control yet
	<input type="checkbox"/> No project site identified
Achieved through (i) direct ownership, (ii) lease, or (iii) option to lease or purchase	

Check the best answer for each of the 5 questions in the first column. Answers are listed in order of highest → lowest level of experience, so if multiple answers are applicable then select the highest answer on the list (as we did in the example above, for the question about Project Development Experience).

Offer Form – Supplier Diversity

Supplier Diversity	
<p>If your company has an active Supplier Diversity program you do not feel is adequately addressed or properly highlighted with these questions, please send in separate documentation with your Offer for evaluation.</p>	
1.	<p>Is your company a Diverse Business Enterprise? <input type="text" value="Yes"/></p> <p>Agency Name <input type="text" value="<Choose>"/></p> <p>Certificate Number <input type="text" value=""/></p> <p>Certificate Expiration Date <input type="text" value=""/></p>
2a.	<p>Does your company have a Supplier Diversity program? <input type="text" value="<Choose>"/></p> <p>Please describe program:</p> <div style="border: 1px solid black; height: 80px; width: 100%;"></div> <p>1500 character limit (1500 remaining)</p>
2b.	<p>Does your company have a supplier Diversity Mentorship program with DBEs? <input type="text" value="<Choose>"/></p> <p>Please describe program:</p> <div style="border: 1px solid black; height: 80px; width: 100%;"></div> <p>500 character limit (500 remaining)</p>
3	<p>Does your company promote diverse subcontracting? <input type="text" value="<Choose>"/></p> <p>Please describe program:</p> <div style="border: 1px solid black; height: 80px; width: 100%;"></div> <p>500 character limit (500 remaining)</p>
4	<p>What percentage of your company's total contracting and procurement spend for the prior year was with women, minority and service disabled veteran owned businesses? <input type="text" value=""/></p>
5	<p>What will the percentage of procurement spend for this project will be spent with women, minority and service disabled veteran owned businesses over the course of the proposed PPA? <input type="text" value=""/></p>
5a.	<p>Pre COD? <input type="text" value=""/></p>
5b.	<p>Post IEDD? <input type="text" value=""/></p>

If your business is certified by more than one agency and one of those agencies is the CPUC, please select CPUC.

Make sure you provide information on any diverse business entity subcontractors that you use here.

Additional Tabs for Specific Contract Types

- **PSA tab**
- ESA for existing RPS PPA tabs
- Amendment to non-RPS PPA tabs
- RA Confirm tab

PSA Tab

The cost unit is \$k (\$1,000).

Project Close: the consummation of the purchase of the Seller's right, title and interest in and to the Project contemplated, with PG&E.

Fields b through d on the left are the minimum requirements for the selected Distribution Deferral and PG&E-owned PV site, if applicable.

Site Description	Value	Units
a. Project Site	Shingle Springs Bank #2	
b. Guaranteed Dmax (MW) at Year 1- 10		4.0 MW
c. Guaranteed Discharge Duration (hours)		4.0 Hours
d. Guaranteed Site Specific Required Duty Cycle	1/day for up to 365 days/year	

PSA Purchase Price (\$k)	Total	Units
a. Purchase price (do not include decommissioning costs)	\$ 1,000	\$k
b. First Increment of Purchase Price (90%)	\$ 900	
c. Deferred Amount of Purchase Price (a. minus b.)	\$ 100	
d. For sites with owned land, amount of purchase price relating to land and right of way	\$ 100	
e. Price of recommended spare parts	\$ 10	\$k
TOTAL (a + e)	\$ 1,010	

	Timing					
	Project Close	Year 1	Year 2	Year 3	Year 4	Year 5
\$	900					
			\$ 100			

Operating Year beginning after Project Close.

Additional Tabs for Specific Contract Types

- PSA tab
- **ESA for existing RPS PPA tabs**
- Amendment to non-RPS PPA tabs
- RA Confirm tab

ESAs for Existing RPS PPA Tab – RPS Existing Gen Profile

IMPORTANT:

- 1) In the table below 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. For projects with incremental capacity please reflect the Generation Profile of the project at Full Capacity.

Annual Degradation (%)

Month	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	
Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Provide the annual degradation and hourly generation for the existing RPS PPA, which your Project would add storage to. (This is essentially the same tab as the one we use to ask for generation profiles in the RPS RFO.)

ESA for Existing RPS PPA Tabs – RPS Existing Pricing

The TOD factors may be selected towards the top left of the “Project Information” tab.

Important – follow steps 1 through 3.

On the Project Information tab you specified RPS contract TOD Factor year 2005

Existing TOD Factors for each TOD Period						
TOD Performance Requirements						
Time of Delivery (TOD) Periods & Factors (For Reference Only - Not Used in Calculations)						
TOD Factors for Offers adding storage are 1.						
*If you wish you may edit these numbers, if the contract TOD factors differ.						
Monthly Period	1. Peak		2. Shoulder		3. Night	
	Energy	Full Deliv	Energy	Full Deliv	Energy	Full Deliv
July - September	N/A	1.5430	N/A	1.0240	N/A	0.7470
October - March	N/A	1.3100	N/A	1.0650	N/A	0.7870
April - June	N/A	1.1040	N/A	0.9200	N/A	0.6730

Note: If Curtailment is included complete the Curtailment Provisions section at the bottom of this tab

Existing RPS Annual Escalation Rate 1.00%

Step 1

Step 3 - Calculate

RPS PPA Contract Year Number	RPS PPA Contract Year Start Date (mm/dd/yy)	Contract Year Stop Date (mm/dd/yy)
1	01/01/17	12/31/17
2	01/01/18	12/31/18
3	01/01/19	12/31/19
4	01/01/20	12/31/20

Contract year start date should be the start date of the existing RPS PPA, which is entered at the bottom of the “Project Information” tab.

Existing Contract Capacity (MW)	Existing Expected Annual Capacity Factor (%)	Existing Contract Quantity: Expected Annual Net Energy (MWh)	Existing Contract Price (\$/MWh)
25.00	80.00%	175,200	\$100.00
25.00	78.40%	171,696	\$101.00

Existing contract capacity is entered in the “Additional Questions for RPS with Storage Offers” at the bottom of the “Project Information” tab.

ESA for Existing RPS PPA Tab – RPS Existing Pricing

Existing Curtailment Provisions

Annual hours project may be curtailed

hours

Can the project respond within 5 minutes to Dispatch instruction?

<Choose>

If not 5 minutes, please specify (in minutes or in hours) the advance notice necessary for Dispatch instruction?

minutes
 hours

Maximum number of Buyer Bid Curtailment and/or Buyer Curtailment Orders per calendar day

<Choose>

If not unlimited, please enter the maximum number per calendar day

MW/minute
 MW

Ramp rate

Minimum Operating Capacity

Additional Curtailment Information

Curtailment Pricing Options (please select one of these options)

(a) \$/MWh (Pre-TOD)	(b) % of Contract Price
<input type="text"/>	<input type="text"/>

Offered response time should reflect operational constraints of the project. PG&E expects projects to be able to respond in the Real-Time CAISO Market (currently 5 minute intervals) unless there are technology constraints.

Offered maximum number should reflect operational constraints of the Project.

Additional Tabs for Specific Contract Types

- PSA tab
- ESA for existing RPS PPA tabs
- **Amendment to non-RPS PPA tabs**
- RA Confirm tab

Amendment to Non-RPS PPAs tabs – Conventional Gen With Storage, Conventional Gen No Storage

Parameters	January Value	Unit	Monthly Variations?	Monthly Variations Over the First Contract Year				
				Jan	Feb	Mar	Apr	May
Pmax - Individual Units		MW	<Choose>					
Pmax - All Units		MW	<Choose>					
Pmin - Individual Units		MW	<Choose>					
Pmin - All Units		MW	<Choose>					
Heat Rate at Pmax		MMBtu/MWh	<Choose>					
Heat Rate at Pmin		MMBtu/MWh	<Choose>					

- For energy storage added to existing non-RPS PPAs, it is assumed that the storage would serve to improve the existing conventional generation’s efficiency (e.g., decreased heat rate) – if this is not the case, please let us know.
- These offers would be required to fill in two similar tabs – “Conventional Gen No Storage” and “Conventional Gen With Storage.” These tabs ask primarily the same questions regarding the Pmax/Pmin of the conventional generation, and will allow PG&E’s valuation team to do a pre- and post-storage comparison of this generation. The difference between the two tabs, is that the “Conventional Gen No Storage” tab also has a series of questions about existing pricing for the conventional generation without the storage (not depicted here), while “Conventional Gen With Storage” tab does not.

Additional Tabs for Specific Contract Types

- PSA tab
- ESA for existing RPS PPA tabs
- Amendment to non-RPS PPA tabs
- **RA Confirm tab**

RA Confirm Tab – “RA Only Offers”

Contract Month - Offers		
Contract Month	Offered \$/kw Quantity/Month	Offered MW Quantity/Month
January	\$10.00	500
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		
Avg. \$/kw month	\$10.00	
Notional Value		\$0.00

Facility Maintenance	
Contract Month	Hours
January	2
February	
March	
April	
May	No scheduled maintenance or overhauls allowed ⁽¹⁾
June	
July	
August	
September	
October	
November	
December	
Total	2

Please enter the maintenance plan information to the left. This information will be used to determine when the facility is available for dispatch and used for evaluation purposes. Please refer to PPA 3.10(e) describing restrictions on maintenance periods.

Describe other major maintenance forecasted for any year offered in this RFO.

Note:
(1) No scheduled maintenance permitted from May through September.

Comments specific to this offer

Please specify any other operational limitations that may apply to this product offer.

- This tab is for RA Only Offers, for Applicants that wish to obtain an RA Confirm with PG&E.
- Applicants should provide information on pricing and facility maintenance here.

Key Takeaways

Key Takeaways

- **Offer Form**
 - Enable macros in the Excel file.
 - Submit a separate Offer Form for each Offer and Variation.
 - Be clear about what Offer and Variation is submitted with each Excel file (in earlier slides).
 - Offers and Variations must be mutually exclusive.
 - Pay attention to the contract type selected.
- **Power Advocate**
 - Try uploading draft files to become familiar with the process and timing.

Intermission

Q&A