

# PG&E's Participants' Webinar

Distribution Investment Deferral Framework (DIDF)  
2023-24 Partnership Pilot RFO  
January 31, 2024



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*Accessible versions of our documents can be made available upon request.*



# Agenda

## Topics

**Introduction and Safety**

**Distribution Services Needed**

**Program Overview**

- Process Overview
- Eligibility
- Technology Neutral Pro-Forma

**Submittal Process**

**Intermission**

**Q&A**

## Presenter

Sandy Burns

Megan Ching

Sandy Burns

Bev Moris

Team

*Accessible versions of our documents can be made available upon request.*



# Webinar Format

- We will discuss public, non-confidential information only
- Participants should email questions to [PartnershipPilotDIDF@pge.com](mailto:PartnershipPilotDIDF@pge.com) during the presentation and copy
  - PG&E will not take live questions during the webinar; emailed questions will be compiled and answered at the end of the webinar
  - PG&E might not address all questions during the Q&A portion of this webinar
  - After the webinar, PG&E will compile and post a Q&A document on PG&E's DIDF Partnership Pilot website.
- This webinar presentation deck will be posted on PG&E's DIDF Partnership Pilot website. <http://www.pge.com/didf-partnership-pilot>



# Webinar Disclaimers

- This presentation is intended to provide a summary of the information and requirements set forth in the Partnership Pilot (PP) materials
- Participants should carefully review the Protocol and all materials available on PG&E's Partnership Pilot website at <http://www.pge.com/didf-partnership-pilot>
- To the extent that there are any inconsistencies between information provided in this presentation and the requirements in the PP materials, the PP materials published on PG&E's website shall govern



# Communications - Website

- PG&E has established a **DIDF Partnership Pilot RFO** website where Participants may access information. Note that RFO documents will be available only via the online Power Advocate platform and no longer accessible from the website. Power Advocate links to all open opportunities are posted on the website. New opportunities launched are:

| Deferral locations  | Power Advocate link   | Event ID |
|---|---|----------|
| Camden 1106   | <a href="https://www.poweradvocate.com/pR.do?okey=216550&amp;pubEvent=true">https://www.poweradvocate.com/pR.do?okey=216550&amp;pubEvent=true</a> | 216550   |
| Giffen Bank 2 (Participants must submit NDA before access is granted) | <a href="https://www.poweradvocate.com/pR.do?okey=216551&amp;pubEvent=true">https://www.poweradvocate.com/pR.do?okey=216551&amp;pubEvent=true</a> | 216551   |
| Green Valley Bank 4   | <a href="https://www.poweradvocate.com/pR.do?okey=216552&amp;pubEvent=true">https://www.poweradvocate.com/pR.do?okey=216552&amp;pubEvent=true</a> | 216552   |

- The link to the [Non-Disclosure and Use of Information Agreement \(NDA\) \(DOCX\)](#) is also posted on the website.
- All solicitation communications should be directed to: [PartnershipPilotDIDF@pge.com](mailto:PartnershipPilotDIDF@pge.com).



# Customer Confidentiality

## 15/15 Rule:

PG&E follows aggregation and anonymization rules to respect and protect customer privacy.

PG&E's interpretations and applications of the Commission's customer confidentiality aggregation standards comply with the aggregation standards for customer energy usage and personally identifiable information adopted in CPUC D.14-05-016 at pp. 26-27.

## As per CPUC D.14-05-016, redact if

one customer  
makes up >15%  
total consumption

**-OR-**

0 < residential  
customers  
downstream < 100

**-OR-**

0 < non-residential  
customers  
downstream < 15

**Redacted information is listed as "Customer Confidential" or "CC", or shown as a blank grey cell**

# Distribution Services Needed



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# Partnership Pilot Project Locations

| Candidate Deferral  | GNA Facility Name   | In-Service Year |
|---------------------|---------------------|-----------------|
| Camden 1106         | Hardwick Bank 1     | 2026            |
|                     | Henrietta Bank 5    |                 |
|                     | Camden 1102         |                 |
| Giffen Bank 2       | Giffen Bank 1       | 2026            |
|                     | Giffen 1103         |                 |
|                     | Giffen 1102*        |                 |
| Green Valley Bank 4 | Green Valley Bank 3 | 2026            |
|                     | Green Valley Bank 2 |                 |



- CUSTOMER CONFIDENTIAL: due to their peak loads violating the 15-15 customer privacy rule, NDA required to access information.





# Technical and Operational Requirements Overview

| Deferral Need       | Grid Need Location  | Targeted Procurement (MW) | Delivery Month Range | Max Calls/ Year | Delivery Hour Range  | Hours Duration | Delivery Day Range | In-Service Date |
|---------------------|---------------------|---------------------------|----------------------|-----------------|----------------------|----------------|--------------------|-----------------|
| Camden 1106         | Hardwick Bank 1     | 1.72                      | Jun-Aug              | 84              | 4PM-11PM             | 5              | Mon-Sun            | 2026            |
|                     | Henrietta Bank 5    | 1.73                      | Apr-Jul              | 39              | 12AM-4AM<br>4PM-9PM  | 4              | Mon-Sun            | 2026            |
|                     | Camden 1102         | 1.90                      | Jun-Aug              | 84              | 12PM-10PM            | 7              | Mon-Sun            | 2026            |
| Giffen Bank 2       | Giffen Bank 1       | 10.57                     | Apr-Oct              | 197             | 12AM-12AM            | 24             | Mon-Sun            | 2026            |
|                     | Giffen 1103         | 0.20                      | Jun-Jul              | 30              | 12AM-2AM<br>6AM-11PM | 5              | Mon-Sun            | 2026            |
|                     | Giffen 1102         | CC                        | CC                   | CC              | CC                   | CC             | CC                 | 2026            |
| Green Valley Bank 4 | Green Valley Bank 3 | 0.26                      | May-Oct              | 65              | 8AM-11AM<br>4PM-8PM  | 3              | Mon-Fri            | 2026            |
|                     | Green Valley Bank 2 | 2.19                      | Apr-Oct              | 153             | 7AM-12PM<br>4PM-8PM  | 7              | Mon-Sun            | 2026            |



Green Valley Bank 3 and Green Valley Bank 2

# **GREEN VALLEY BANK 4 DEFERRAL OPPORTUNITY**



# Technical and Operational Requirements

| Green Valley Bank 3 |                 |                         |                                |                      |
|---------------------|-----------------|-------------------------|--------------------------------|----------------------|
| Tranche #           | In-Service Year | Acceptance Trigger (MW) | Targeted Procurement Goal (MW) | Procurement Cap (MW) |
| 1                   | 2026            | 0.23                    | 0.26                           | 0.31                 |
| 2                   | 2027            | 0.51                    | 0.57                           | 0.68                 |
| 3                   | 2028            | 0.84                    | 0.94                           | 1.12                 |
| 4                   | 2029            | 1.25                    | 1.39                           | 1.66                 |
| 5                   | 2030            | 1.79                    | 1.98                           | 2.38                 |
| 6                   | 2031            | 3.01                    | 3.35                           | 4.02                 |
| 7                   | 2032            | 4.28                    | 4.28                           | 5.70                 |

| Green Valley Bank 2 |                 |                         |                                |                      |
|---------------------|-----------------|-------------------------|--------------------------------|----------------------|
| Tranche #           | In-Service Year | Acceptance Trigger (MW) | Targeted Procurement Goal (MW) | Procurement Cap (MW) |
| 1                   | 2026            | 1.97                    | 2.19                           | 2.63                 |
| 2                   | 2027            | 2.22                    | 2.47                           | 2.96                 |
| 3                   | 2028            | 2.52                    | 2.81                           | 3.37                 |
| 4                   | 2029            | 2.92                    | 3.24                           | 3.89                 |
| 5                   | 2030            | 3.45                    | 3.84                           | 4.61                 |
| 6                   | 2031            | 4.49                    | 4.99                           | 5.99                 |
| 7                   | 2032            | 5.74                    | 6.38                           | 7.65                 |

- 0.26 MW must be sourced at Green Valley Bank 3 for Tranche 1
- 2.19 MW must be sourced at Green Valley Bank 2 for Tranche 1

\*Procurement goals for tranches after Tranche 1 are not finalized and will be updated annually via our distribution planning process.



# Technical and Operational Requirements

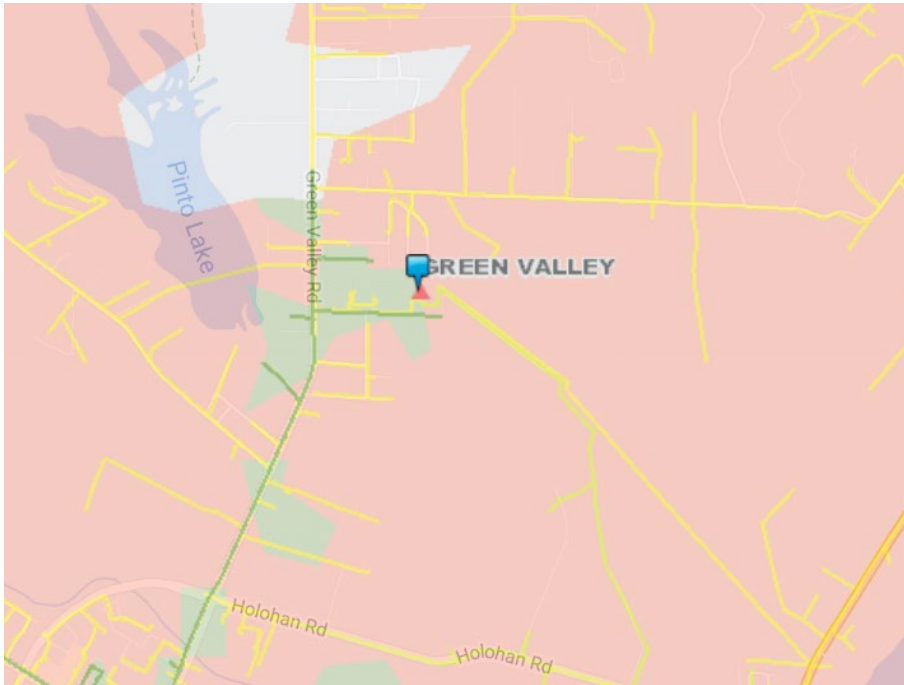
| Candidate Deferral  | Expected Performance and Technical Requirements  |                 |             |                                  |                |       |               |             |                      |                  |
|---------------------|--|-----------------|-------------|----------------------------------|----------------|-------|---------------|-------------|----------------------|------------------|
|                     | GNA Facility Name  | In-Service Date | Requirement | Real Time (RT) or Day Ahead (DA) | Grid Need (MW) | Month | Delivery Days | Calls/ Year | Hours                | Duration (Hours) |
| Green Valley Bank 4 | <u>Green Valley Bank 3</u> <ul style="list-style-type: none"><li>• Green Valley 2101</li><li>• Green Valley 2104</li></ul> | 2026            | A           | DA                               | 0.26           | 5-10  | Mon-Fri       | 65          | 8AM-11AM,<br>4PM-8PM | 3                |
|                     | <u>Green Valley Bank 2</u> <ul style="list-style-type: none"><li>• Green Valley 2102</li><li>• Green Valley 2103</li></ul> | 2026            | B           | DA                               | 2.19           | 4-10  | Mon-Sun       | 153         | 7AM-12PM,<br>4PM-8PM | 7                |



# Green Valley Bank 3 Location Overview

## Location

Santa Cruz County



## Interconnection

Install DERs along Green Valley 2101 section in blue, from substation to intersection of Riverside Road and Lakeview Road/Switch 9503 (preferred location).

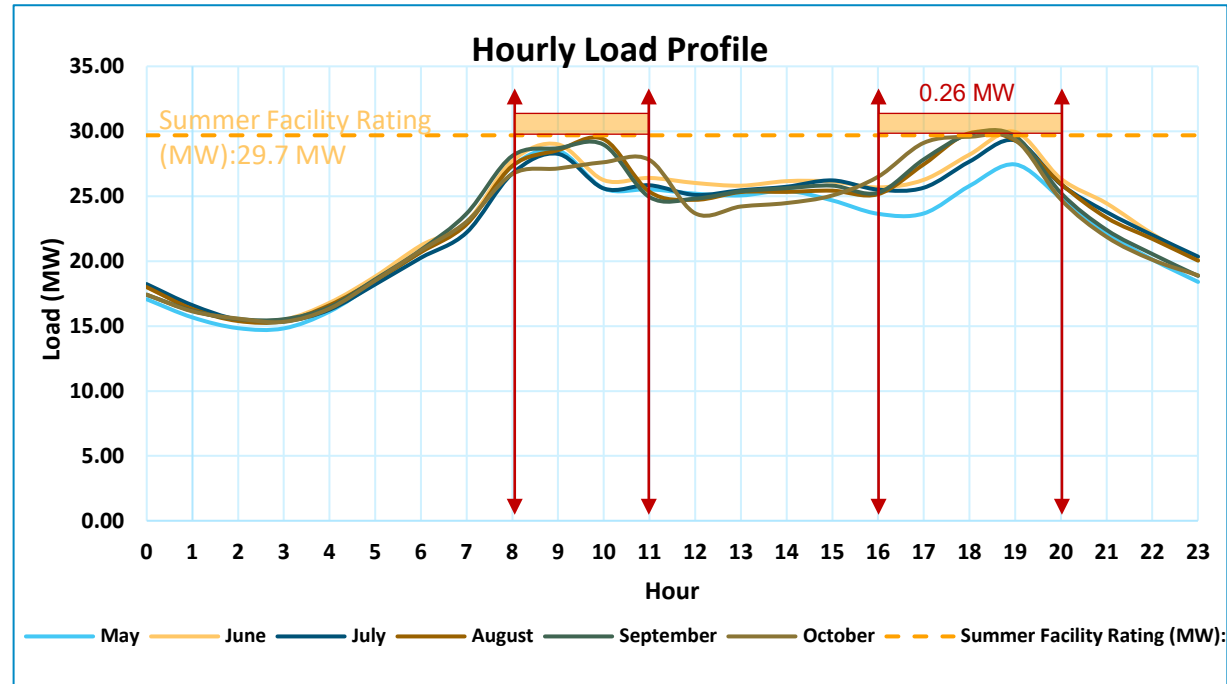


| Candidate Deferral  | GNA Facility Name   | In-Service Date | Grid Need (MW) |
|---------------------|---------------------|-----------------|----------------|
| Green Valley Bank 4 | Green Valley Bank 3 | 2026            | 0.26           |
|                     | Green Valley Bank 2 | 2026            | 2.19           |

- **Equipment:** Green Valley Bank 3– Feeders 2101 and 2104
- **Electrical Service:**
  - 29.70 MVA (summer rating) bank with two 21 kV feeders



# Technical and Operational Requirements

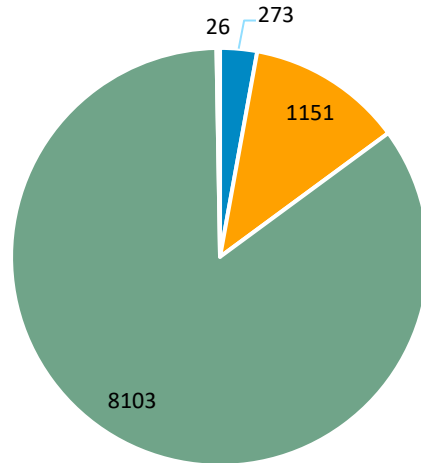


| Candidate Deferral  | GNA Facility Name  | Requirement | Real Time (RT) or Day Ahead (DA) | Grid Need (MW) | Month | Delivery Days | Calls/Year | Hours             | Duration (Hours) |
|---------------------|--|-------------|----------------------------------|----------------|-------|---------------|------------|-------------------|------------------|
| Green Valley Bank 4 | <u>Green Valley Bank 3</u><br>• Green Valley 2101<br>• Green Valley 2104 | A           | DA                               | 0.26           | 5-10  | Mon-Fri       | 65         | 8AM-11AM, 4PM-8PM | 3                |



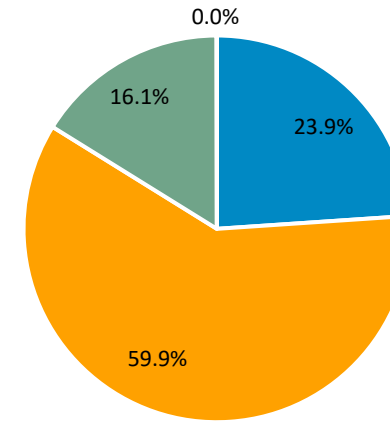
# Customer Composition – Green Valley Bank 3 (Peak Load Day – June 21<sup>st</sup>, 2022)

Customer Count



■ Agricultural ■ Commercial/Industrial ■ Residential ■ Other

Peak Day Load by Customer Class (%)



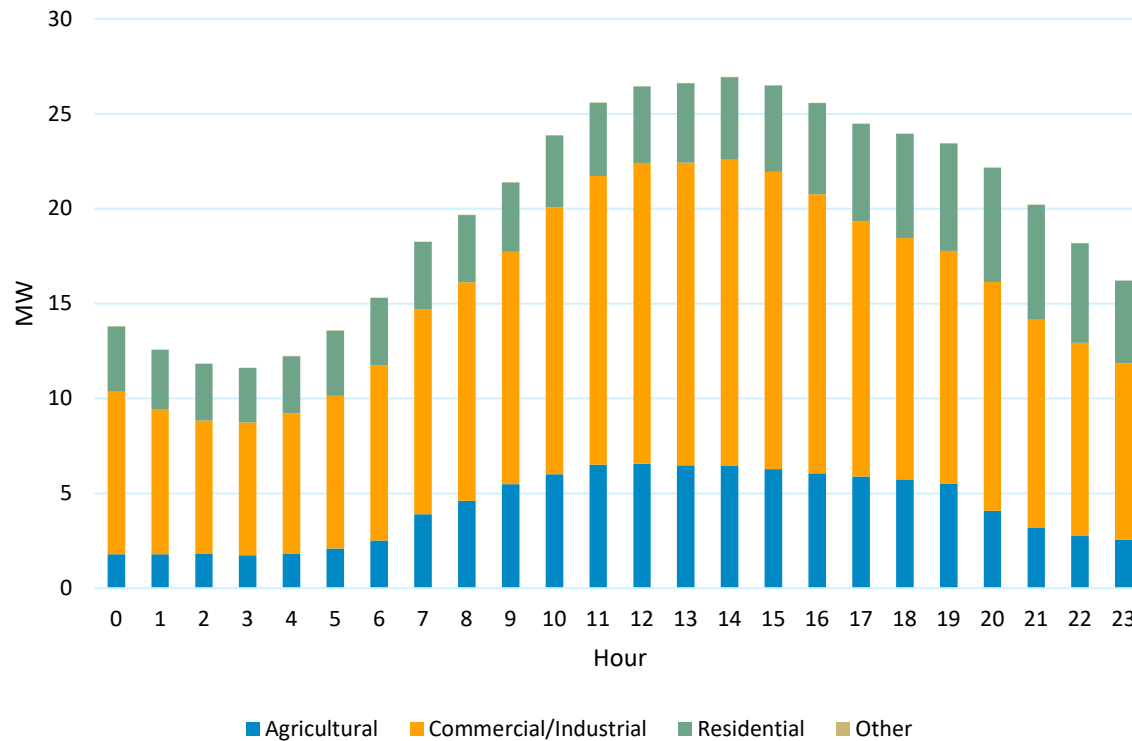
■ Agricultural ■ Commercial/Industrial ■ Residential ■ Other

| Customer Class        | Total Customer Count | Peak Day Load (MW) |
|-----------------------|----------------------|--------------------|
| Agricultural          | 273                  | 6.45               |
| Commercial/Industrial | 1151                 | 16.14              |
| Residential           | 8103                 | 4.35               |
| Other                 | 26                   | 0.01               |
| <b>Total</b>          | <b>9,553</b>         | <b>26.94</b>       |



# Load by Customer Class – Green Valley Bank 3 (Peak Load Day – June 21<sup>st</sup>, 2022)

Peak Day Hourly Load Profile By Customer Type



| Historical 2022         |                |            |
|-------------------------|----------------|------------|
| Observed Peak Load (MW) | Installed DERs |            |
|                         | Solar PV (MW)  | Mixed (MW) |
| 26.94                   | 7.41           | 0.51       |

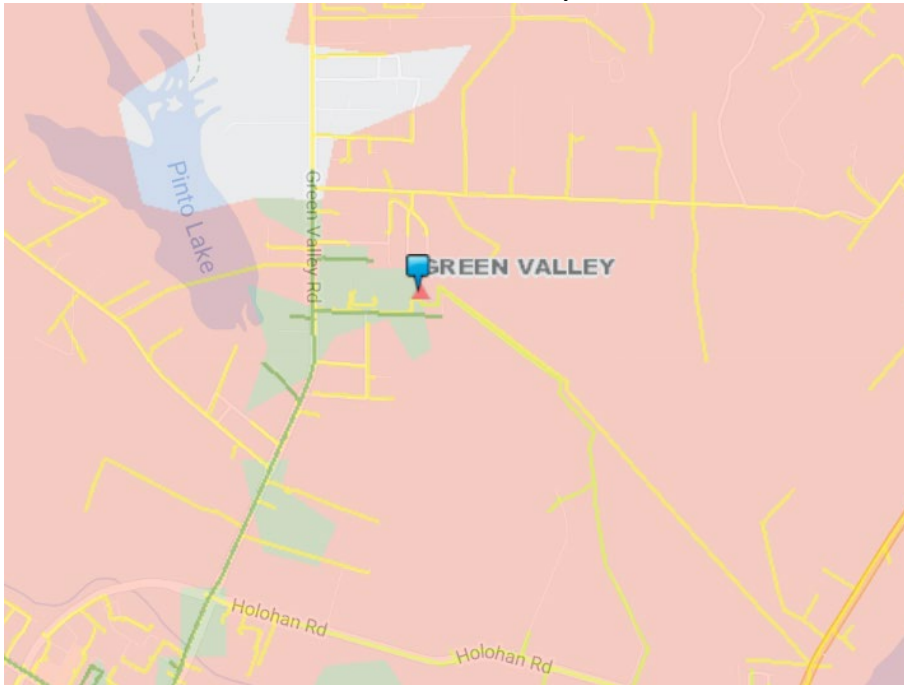




# Green Valley Bank 2 Location Overview

## Location

Santa Cruz County



## Interconnection

Install DERs on along the Green Valley 2103 section highlighted in blue, along Green Valley Road from Harkins Slough Road (preferred location).

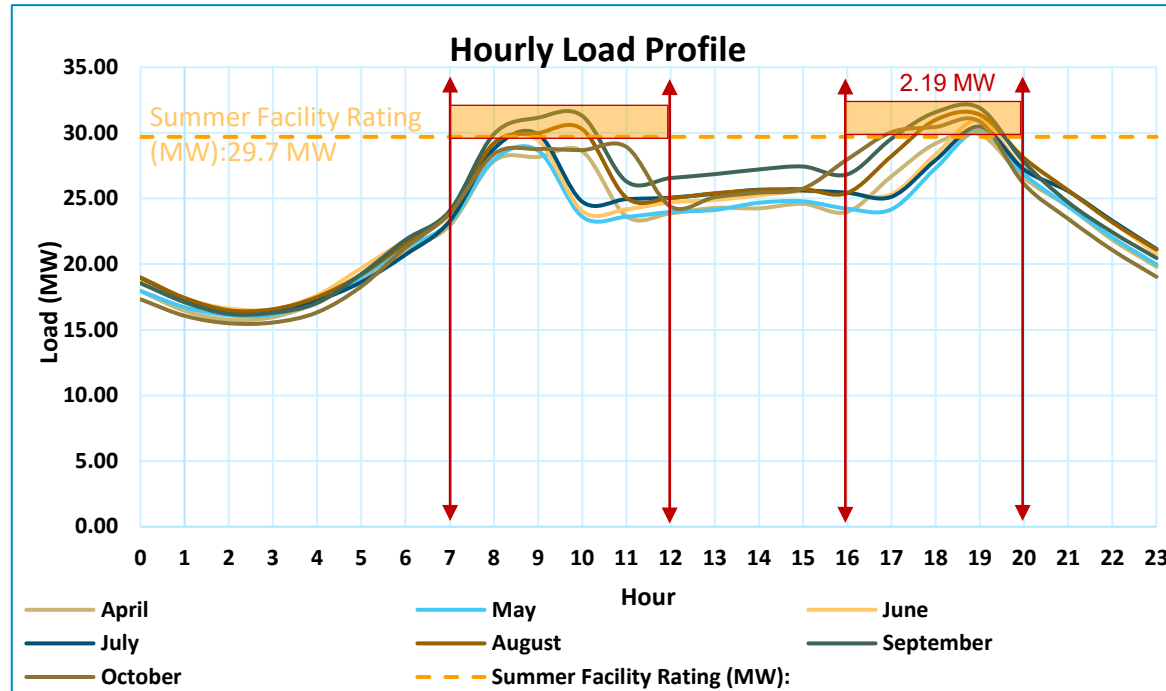


| Candidate Deferral  | GNA Facility Name   | In-Service Date | Grid Need (MW) |
|---------------------|---------------------|-----------------|----------------|
| Green Valley Bank 4 | Green Valley Bank 3 | 2026            | 0.26           |
|                     | Green Valley Bank 2 | 2026            | 2.19           |

- **Equipment:** Green Valley Bank 2 – Feeders 2102 and 2103
- **Electrical Service:**
  - 29.70 MVA (summer rating) bank with two 21 kV feeders



# Technical and Operational Requirements

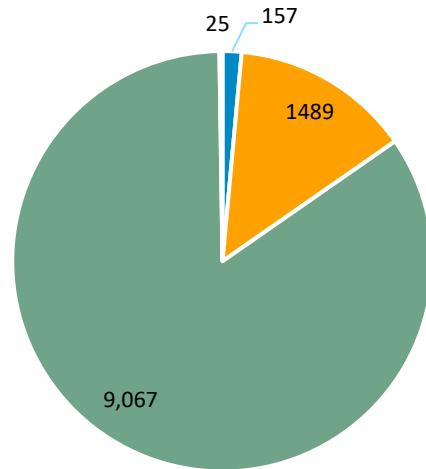


| Candidate Deferral  | GNA Facility Name  | Requirement | Real Time (RT) or Day Ahead (DA) | Grid Need (MW) | Month | Delivery Days | Calls/Year | Hours                | Duration (Hours) |
|---------------------|--|-------------|----------------------------------|----------------|-------|---------------|------------|----------------------|------------------|
| Green Valley Bank 4 | <u>Green Valley Bank 2</u><br>• Green Valley 2102<br>• Green Valley 2103 | B           | DA                               | 2.19           | 4-10  | Mon-Sun       | 153        | 7AM-12PM,<br>4PM-8PM | 7                |

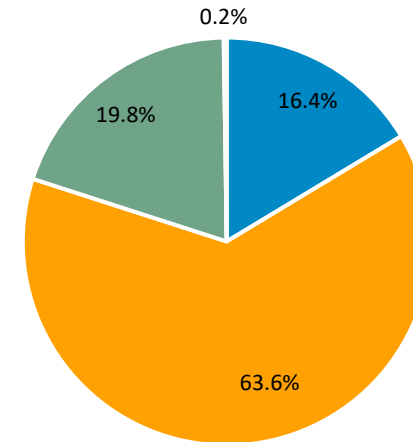


# Customer Composition – Green Valley Bank 2 (Peak Load Day – September 7<sup>th</sup>, 2022)

Customer Count



Peak Day Load by Customer Class (%)



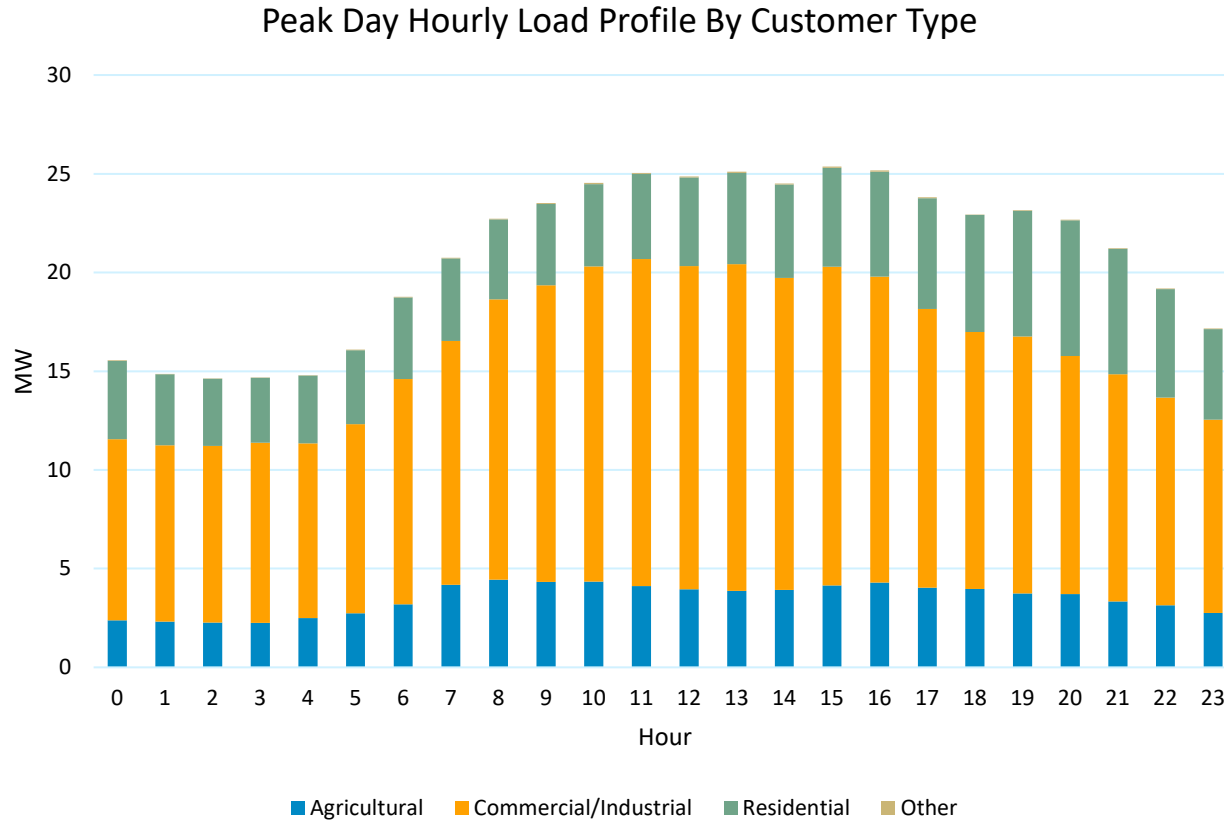
■ Agricultural ■ Commercial/Industrial ■ Residential ■ Other

■ Agricultural ■ Commercial/Industrial ■ Residential ■ Other

| Customer Class        | Total Customer Count | Peak Day Load (MW) |
|-----------------------|----------------------|--------------------|
| Agricultural          | 157                  | 4.15               |
| Commercial/Industrial | 1489                 | 16.14              |
| Residential           | 9,067                | 5.02               |
| Other                 | 25                   | 0.06               |
| <b>Total</b>          | <b>10,738</b>        | <b>25.37</b>       |



# Load by Customer Class – Green Valley Bank 2 (Peak Load Day – September 7<sup>th</sup>, 2022)



| Historical 2022         |                |                  |            |
|-------------------------|----------------|------------------|------------|
| Observed Peak Load (MW) | Installed DERs |                  |            |
|                         | Solar PV (MW)  | Synchronous (MW) | Mixed (MW) |
| 25.37                   | 6.16           | 3.60             | 0.20       |

# DIDF Partnership Pilot Process Overview



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# Pilot Design

- **This is a tariff pilot designed to test a streamlined participation process for aggregators**
- **This a first-come/first-served program**
  - PG&E will accept capacity reservations and sign TNPF contracts with aggregators once it has met 90% of the grid need
  - PG&E will continue to sign contracts up to 120% of grid need
  - If PG&E has not received sufficient reservations by the contingency date to meet 90% of the procurement goal, PG&E will proceed with the traditional wires solution
  - PG&E reports progress toward procurement goals monthly



# Subscription Window\*

| Tranche 1 Subscription Dates |                         |                     |                      |                              |                  |                 |
|------------------------------|-------------------------|---------------------|----------------------|------------------------------|------------------|-----------------|
| Opportunity                  | Acceptance Trigger (MW) | Subscription Launch | Reservation Deadline | Subscription Duration (Days) | Contingency Date | In-Service Date |
| Camden 1106                  | 5.35                    | 1/16/2024           | 9/4/2024             | 233                          | 11/3/2024        | 2026            |
| Giffen Bank 2                | CC                      | 1/16/2024           | 8/2/2024             | 200                          | 10/1/2024        | 2026            |
| Green Valley Bank 4          | 2.45                    | 1/16/2024           | 9/3/2024             | 231                          | 11/1/2024        | 2026            |

**PG&E encourages Participants to submit reservations as soon as possible**

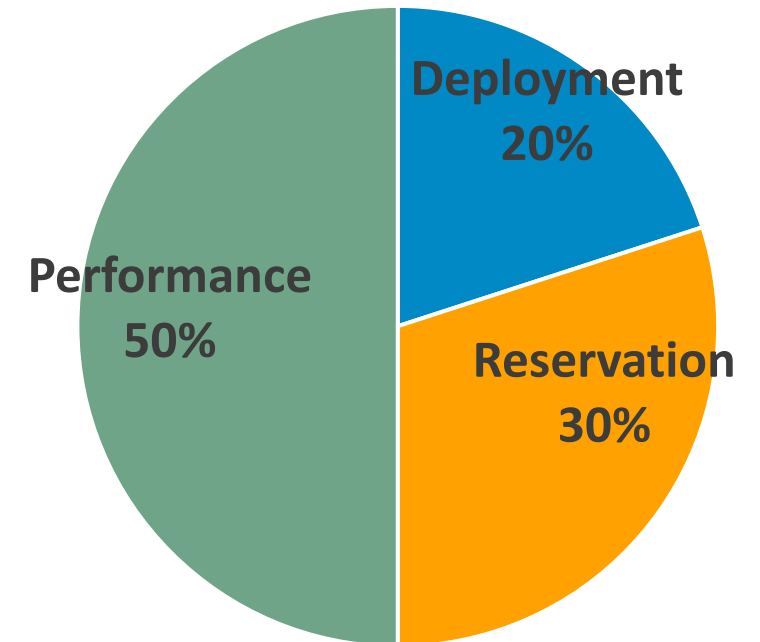
*Sellers with signed contracts in Tranche 1 will have priority in Tranche 2*

**\* One open project (Embarcadero 1116) remaining from the 2021 program cycle. The last day to submit applications for Embarcadero 1116 is April 1, 2024.**

# Budget Allocation Methodology

- Pilot budgets are based on **85%** of the Deferral Value
- Each tranche year's budget is based on the following:
  - One-year duration
  - Value of investment using the tranche's In-Service Date
- Availability of sequential tranche budgets is contingent upon updated load forecast as defined in PG&E's annual Distribution Planning Cycle

**Budget Allocation Distribution**







# Budget Summary by Opportunity for 2024 Projects

**Total Potential Budget: ~\$5.0M**

Total Number of Tranches aligns with 10- year grid need forecast

| Candidate Deferral (\$1000s) | In-Service Year | Tranche 1 | Tranche 2* | Tranche 3* | Tranche 4* | Tranche 5* | Tranche 6* | Tranche 7* | Total Potential Budget |
|------------------------------|-----------------|-----------|------------|------------|------------|------------|------------|------------|------------------------|
| Camden 1106                  | 2026            | \$2,116   |            |            |            |            |            |            |                        |
| Giffen Bank 2                | 2026            | CC        |            |            |            |            |            |            |                        |
| Green Valley Bank 4          | 2026            | \$1,363   |            |            |            |            |            |            |                        |

\*Sequential tranche budgets are based on updated grid needs forecasts and/or meeting Acceptance Thresholds



# Payment Structure

## Tranche 1 Payment Distribution by Opportunity

| Opportunity                               | Deployment<br>(\$/ MW)<br>per year | Reservation<br>(\$/ MW)<br>per reservation<br>month | Performance<br>(\$/ MW)<br>per call |
|---|------------------------------------|---|-------------------------------------|
| Camden 1106 – Hardwick Bank 1             | \$55,900                           | \$25,290  | \$2,020                             |
| Camden 1106 – Henrietta Bank 5            | \$55,900                           | \$25,290  | \$2,020                             |
| Camden 1106 – Camden 1102                 | \$55,900                           | \$25,290  | \$2,020                             |
| Giffen Bank 2 – Giffen Bank 1             | CC                                 | \$1,540   | \$90                                |
| Giffen Bank 2 – Giffen 1103               | CC                                 | \$1,540   | \$90                                |
| Giffen Bank 2 – Giffen 1102               | CC                                 | CC  | CC                                  |
| Green Valley Bank 4 – Green Valley Bank 3 | \$78,800                           | \$17,150  | \$1,370                             |
| Green Valley Bank 4 – Green Valley Bank 2 | \$78,800                           | \$17,150  | \$1,370                             |



# Program Design-Eligibility

- **Aggregators**

- Aggregators must have passed the pre-screening in order to participate
- Aggregators must get customer commitments in advance of submitting a capacity reservation and identify those customers with the reservation
- Aggregators must sign the Technology Neutral Pro-forma
  - Aggregators must include a measurement and verification plan with their submittals or indicate acceptance of TNPf M&V approach

- **Location**

- Project customers must be located on specified lines/feeders. Please access the Power Advocate platform to see the Partnership Pilot protocol for more information.
  - Projects may require more specific points of interconnection along the feeder. Sketches of these interconnection points are provided in Section II.A. of the protocol.

- **Technology**

- All BTM technologies eligible

- **Double payments/double counting**

- Projects must be fully or partially incremental to PG&E's programs, tariffs, and solicitations
- Participants must submit Appendix B Section 5 of the RFO materials to demonstrate how their Offer is incremental
- Energy efficiency Participants may choose to have their Offer evaluated for incrementality on a project-specific basis or having their Offer evaluated based on a pre-specified overlap factor of 2%.



# Program Design-Eligibility (continued)

Participants must demonstrate how Projects are incremental:

| Resources can be:     |   | Examples   |
|-----------------------|---|--|
| Fully Incremental     | Not already sourced through another program, tariff, solicitation | <ul style="list-style-type: none"><li>• Add-on's to existing DERs, such as the addition of dispatchable storage to an existing PV resource</li><li>• New programs;</li><li>• EE Technology not included in Portfolio</li></ul> |
| Partially Incremental | Partially sourced through another program, tariff, solicitation   | Enhanced uptake of DER over base   |
| Not Incremental       | Wholly sourced through another program, tariff, solicitation      | Rooftop PV compensated under NEM without enhancement;<br>Existing DG or ES compensated under SGIP without enhancement;<br>EE or DR portfolio resources without enhancement   |

# Technology Neutral Pro Forma (TNPF) Overview



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# Transaction

- **Product: Distribution Services in accordance with Operating Parameters**
  - Increase/decrease load or increase/decrease generation during specified hours, which vary by location
  - Sellers are free to monetize other revenue streams
  - Seller is free to operate the resource how it wants outside of the Delivery Day
- **Seller commits to provide Product at Contract Quantities**
  - Seller may sell excess amount of Product from Project to third parties
  - Seller may sell other attributes of the Project to third parties
- **Dispatchable Sellers will be instructed on whether they are required to provide distribution capacity by 8 am day-ahead**
  - Project may be dispatched at the Buyer's discretion up to the Contract Capacity
  - Seller will provide PG&E with real-time visibility into DER performance
  - Sellers are required to install a communications system and equipment for PG&E to be able to remotely monitor Project status on an aggregate and individual unit basis



# Contract Payments

## Dispatchable Resources

- **Deployment payment** paid on a \$/MW basis upon successful completion of installation and Performance Testing
- **Reservation Payment**
  - Fixed price (\$/kW-month)
  - Compensation is dependent on delivery of services when called; Seller receives full reservation payment if no dispatches are needed
- **Performance Payment**
  - \$/kW/day
  - Seller receives compensation based on how it responds to dispatch instruction

## Non-Dispatchable Resources

- **Deployment payment** paid on a \$/MW basis when Seller has completed installation
- Combined **Reservation Payment** and **Performance Payment** \$/MW/year
- Seller receives compensation to the extent it reduces load during grid need hours



# Project Site and Customers

- Sellers are solely responsible for acquiring Customers and responsible for all marketing activities
- Sellers may remove or replace Sites/Customers, provided that changes are in accordance with safety provisions
- Seller must provide PG&E a list of Customers and satisfy incrementality criteria prior to Initial Delivery Date
  - Changes to initial Customer list must continue to satisfy incrementality criteria
- Seller must provide aggregate and individual site operational data





# Performance Assurance

## Performance Assurance

- **Project Development Security** is due to PG&E within ten (10) business days of contract execution and must be in the form of a letter of credit or cash and in the following amounts:
  - \$40/kW for all resources
- **Delivery Term Security** is due to PG&E before the Initial Delivery Date and will be held by PG&E throughout the delivery term
  - \$40/kW
  - Seller may apply Project Development Security toward the Delivery Term Security
- **Damage Payment/Termination Payment**
  - In an event of default, defaulting party will owe non-defaulting party an amount equal to the performance assurance



# Conditions Precedent

## **Initial Delivery Date shall not occur until Seller:**

- Has constructed the Project and provided certification from an independent engineer that Project is commercially operable and constructed in accordance with the safety requirements
- Has passed an initial Performance Test demonstrating that the Project is capable of delivering Distribution Service (Dispatchable only)
- Has provided PG&E with a list of Sites and Customers and PG&E has verified that such Sites/Customers are incremental
- Has provided Delivery Term Security
- Has submitted safety attestation



# Events of Default and Early Termination

## Early Termination

- Seller may terminate contract early if interconnection study results are not received or if they indicate interconnection costs are beyond a prespecified threshold.
- Early termination must be exercised in time for PG&E to execute contingency plan.
- Seller subject to reduced damage payment.

## Events of Default

- Failure to meet two Critical Milestones
- Failure to meet Initial Delivery Date
- Monthly Distribution Services Factor averages less than 80% for any calendar year
- Results of Performance Test shows that the Project provides less than 85% of Contract Capacity

# Submittal Process and Reservation Form Overview



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# Submittal Process

- Reservations must be submitted via the online platform at Power Advocate. Only accepted registrants are permitted to submit Reservations. Links to register on Power Advocate can be found on the website and earlier in this slide deck.
- PG&E strongly encourages you to submit Reservations well in advance of Reservation closing dates, since Reservations are on a first-come first-served basis.
- PG&E will only consider Reservations that, as of the closing dates, are complete and conforming Reservations.
- Reservation closing dates are project-dependent:
  - **Camden 1106: September 4, 2024 at 5:00 PM (PPT)**
  - **Giffen Bank 2: August 2, 2024 at 5:00 PM (PPT)**
  - **Green Valley Bank 4: September 3, 2024 at 5:00 (PPT)**



# Required Reservation Submission Forms

**To be complete, Reservation package(s) must be in the format as specified in the Protocol documents and include:**

- Fully Completed Reservation Form\*. Format: MS Excel XLSB
- Aggregator Affidavit. Format: PDF
- Completed TNPf Contract\*. Format: MS Word DOC

Note: PG&E's TNPf Appendix VIII includes proposed Measurement and Verification methods, varying by technology. Indicate whether you will be using the proposed methodology or if you will be proposing an alternate methodology for Measure and Verification.

\*Reservation submission for confidential grid need opportunities, requires a signed NDA to access the confidential version of the Reservation Form and the TNPf Contract.



# Reservation Forms

## Non-Confidential Reservation Form

- Reservation Form for the Camden 1106 and Green Valley Bank 4 deferral opportunities are available on Power Advocate.

## Confidential Reservation Form

- Reservation Form for Giffen Bank 2 opportunity

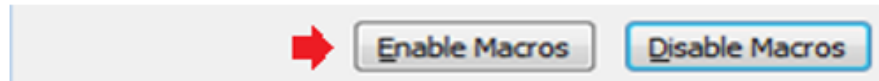
This opportunity includes confidential load information. In order to receive this reservation form, please send a completed and executed [Non-Disclosure and Use of Information Agreement \(NDA\) \(DOCX\)](#) to [PartnershipPilotDIDF@pge.com](mailto:PartnershipPilotDIDF@pge.com). Once accepted, you will be notified to register on Power Advocate and your request for access will be granted.

# Reservation Form – Instructions

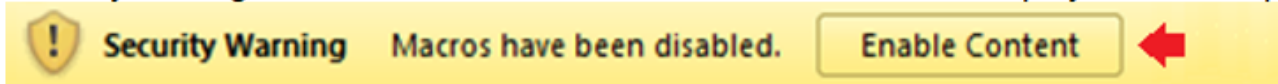
- Be sure to **ENABLE CONTENT** when opening the Reservation Form.

## **ENABLE MACROS - OTHERWISE THIS WORKBOOK WILL NOT FUNCTION PROPERLY.**

Macros can be enabled by clicking the "Enable Macros" button on the "Microsoft Excel Security Notice" that is displayed before the form



...or by clicking the "Enable Content" button that is sometimes displayed at the top of the screen when the form first opens.



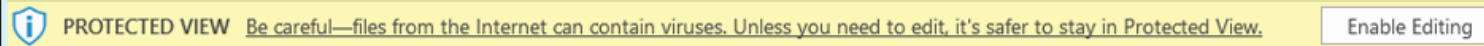
- Please make sure you save often and submit the form in Microsoft Excel “.xlsb” format.  
**No other formats will be accepted.**



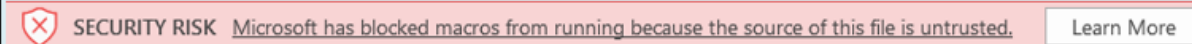
# Reservation Form – Instructions

**NEW:** Microsoft has made changes to their Security Risk Requirements. Depending on what Microsoft version you use (particularly newer versions), additional steps may be required:

## When you opened this workbook if this message was displayed...



## ...and when you clicked “Enable Editing” this message was displayed...

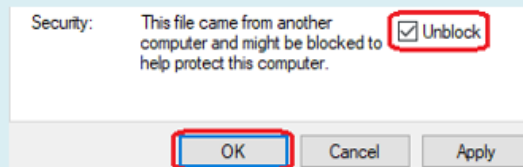


...then make a screen shot of the instructions in this blue box and follow these instructions to save a copy of this workbook in which you

**NOTE:** If you do not see the two messages pictured above proceed to the "ENABLE MACROS" section of instructions below.

## Instructions for satisfying Microsoft “SECURITY RISK” requirements:

- 1 Close this offer form and place it in a folder other than the “Download” folder; preferably in the folder where you intend to on the form.
- 2 Right click on the name of the offer form file and select “Properties”.
- 3 At the bottom of the “General” tab check the “Unblock” box then click “OK.”



- 4 Open the offer form and continue with the instructions that follow.



# Reservation Form – Instructions

Tabs open automatically from left to right as you progress through the Reservation Form.

| Version Number | Release Date | Notes           |
|----------------|--------------|-----------------|
| 2024.1         | 1/16/2024    | Initial release |
|                |              |                 |

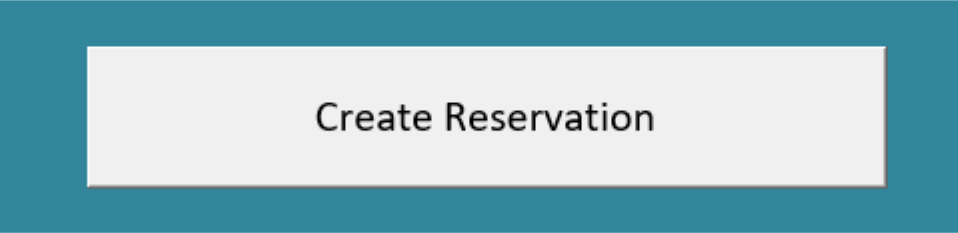


# Reservation Form – Create Reservation



Participants can submit offers for a grid need location by selecting the “Create Reservation” button in the **‘Create Reservation’** tab at the bottom.

To begin assembling an Reservation package click the "Create Reservation" button.



Create Reservation



# Reservation Form – Create Reservation

Select the Grid Need Location you would like to make a Reservation for from the drop-down lists

Deferral Need: Carlotta Bank 2

Technology Type: Dispatchable

Dispatchable  
Non-Dispatchable

| Deferral Need   | Grid Need Location | Grid Need (MW) | Offer Size (MW) | Delivery Month Start | Delivery Month End | Calls / Year | Delivery Hour Start | Delivery Hour End | Hours Duration | Delivery Day Start | Delivery Day End | In-Service Date |
|-----------------|--------------------|----------------|-----------------|----------------------|--------------------|--------------|---------------------|-------------------|----------------|--------------------|------------------|-----------------|
| Carlotta Bank 2 | Carlotta 1121      | 0.58           | .58             | Jan                  | Dec                | 365          | 6AM<br>3PM          | 12PM<br>12AM      | 8              | Mon                | Sun              | 1/1/2025        |
|                 |                    | Max Allowed    | 0.696           |                      |                    |              |                     |                   |                |                    |                  |                 |

Create

Enter the Reservation size and hit the Create button



# Reservation Form – Reservation Info



Clicking the Create button will open the 'Reservation Info' tab with this vertical reservation form. All reservation information will start at the top and work down in the single column A.

## COLOR CODING

GRAY cells: Are automatically calculated from your input – these are locked

GREEN cells: Indicate you have entered appropriate complete information

ORANGE cells: Indicate areas to be filled in. They will turn to GREEN once completed.

### DIDF Partnership Pilot Application Form

BidID: NA

A

| Reservation BASE DATA                     |                 |
|---|-----------------|
| Deferral Need                             | Carlotta Bank 2 |
| Grid Need Location                        | Carlotta 1121   |
| Grid Need (MW)                            | 0.58            |
| Reservation Size (MW)                     | 0.58            |
| Delivery Month Range Start                | Jan             |
| Delivery Month Range End                  | Dec             |
| Calls/Year                                | 365             |
| Hours Duration                            | 8               |
| Delivery Day Range                        | Mon             |
| Delivery Day Range                        | Sun             |
| In-Service Date                           | 2025            |
| Deferral Term (Years)                     | 1               |
| USE THIS RESERVATION                      |                 |
| Submit this Reservation for consideration | Yes             |
| PARTICIPANT INFORMATION                   |                 |
| Counterparty/Legal Entity Name            |                 |
| Street Address                            |                 |
| City                                      |                 |
| State                                     |                 |
| Zip Code                                  |                 |
| Country                                   |                 |
| Website                                   |                 |
| Authorized Contact #1: First Name         |                 |
| Last Name                                 |                 |



# Reservation Form - Information

Complete Participant Information cells, Project Information, and Attestations.

| USE THIS RESERVATION  |     |
|---|-----|
| Submit this Reservation for consideration                       | Yes |
| PARTICIPANT INFORMATION   |     |
| Counterparty/Legal Entity Name                                  |     |
| Street Address  |     |
| City  |     |
| State   |     |
| Zip Code  |     |
| Country   |     |
| Website   |     |
| <b>Authorized Contact #1: First Name</b>                        |     |
| Last Name   |     |
| Title   |     |
| Phone 1   |     |
| Phone 2   |     |
| Email   |     |
| <b>Authorized Contact #2: First Name</b>                        |     |
| Last Name   |     |
| Title   |     |
| Phone 1   |     |
| Phone 2   |     |
| Email   |     |
| <b>Developer/Legal Entity Name (may be same as Participant)</b> |     |
| Street Address  |     |
| City  |     |
| State   |     |
| Zip Code  |     |
| Country   |     |
| Owners of Participant Entity or Project                         |     |
| Name 1  |     |
| Ownership %   |     |
| Website URL   |     |

| ATTESTATIONS  |  |
|---|--|
| Acknowledgement of Protocol   |  |
| By selecting "Yes" Participant hereby agrees to the terms of the Pilot Protocol. Participant acknowledges that any costs incurred to become eligible or remain eligible for the solicitation, and any costs incurred to prepare an application for this Pilot are solely the responsibility of Participant. |  |
| By selecting "Yes" Participant hereby agrees with the Measurement and Verification language in the Pilot's TNPF. If Participant has edits or questions, Participant agrees to submit these to PartnershipPilotDIDF@pge.com at the time of their Application submittal.                                      |  |
| Title:  |  |
| Electronic Signature:   |  |
| Select "Yes" to certify that the typed name acts as your electronic signature.  |  |
| Participant Authorization   |  |
| By selecting "Yes" Participant hereby confirms that they are "a duly authorized representative of Participant."   |  |
| Title:  |  |
| Electronic Signature:   |  |
| Select "Yes" to certify that the typed name acts as your electronic signature.  |  |
| Attestation   |  |
| By providing the electronic signature below Participant hereby attests that all information provided in this Reservation Package is true and correct to the best of Participant's knowledge as of the date such information is provided.  |  |
| Title:  |  |
| Electronic Signature:   |  |
| Select "Yes" to certify that the typed name acts as your electronic signature.  |  |
| Multi-Use Application   |  |
| Multi-Use Application Note:<br>[Per CPUC D.18-01-003 Adopted Rule 9, storage provider is required to list any additional services the storage resource will provide outside of this solicitation. Reference Table 1 within the Decision for a list of services.]  |  |



# Reservation Form – Customer Information

|              |                    |                  |                            |                           |           |
|--------------|--------------------|------------------|----------------------------|---------------------------|-----------|
| Instructions | Create Reservation | Reservation Info | <b>CustomerInformation</b> | SupplyChainResponsibility | File_Name |
|--------------|--------------------|------------------|----------------------------|---------------------------|-----------|

All Reservations forms must include information on customers that have committed:

|                             |  |                         |  |               |   |   |   |                                 |
|-----------------------------|--|-------------------------|--|---------------|---|---|---|---------------------------------|
| Return to Reservation Sheet |  |                         |  |               |   |   |   |                                 |
| Customer Last Name          |  |                         |  |               | Customer Peak Load for Deferral in JUL from 2022 (kW) |   | Customer Load Reduction Commitment for OCT (kW) |                                 |
| Customer First Name         |  | Customer Street Address |  | Customer City | Customer Zip  | Customer Peak Load for Deferral in AUG from 2022 (kW) |   | Customer P for Deferr from 2022 |
|                             |  |                         |  |               |   |   |   |                                 |
|                             |  |                         |  |               |   |   |   |                                 |
|                             |  |                         |  |               |   |   |   |                                 |
|                             |  |                         |  |               |   |   |   |                                 |
|                             |  |                         |  |               |   |   |   |                                 |

- Customer Information:** Name, address, PG&E account, feeder #, enrolled programs, deferral opportunity contracted months
- Customer Peak Load** for Deferral by months
- Customer Load Reduction Commitment**



# Reservation Form – Supply Chain

|              |                    |                  |                     |                           |           |
|--------------|--------------------|------------------|---------------------|---------------------------|-----------|
| Instructions | Create Reservation | Reservation Info | CustomerInformation | SupplyChainResponsibility | File_Name |
|--------------|--------------------|------------------|---------------------|---------------------------|-----------|



Pacific Gas and Electric Company

## Supply Chain Responsibility

There are 13 required fields that are not yet filled in.

Return to Reservation Sheet

### DIDF Partnership Pilot Application Form

\*For information about Small Business standards, please refer to one of the following sites:  
 (1) California Department of General Services: <http://www.dgs.ca.gov/pd/Programs/OSDS.aspx>  
 (2) Small Business Administration: <https://www.sba.gov/contracting/getting-started-contractor/qualifying-small-business>

|   |  |               |           |
|---|--|---------------|-----------|
| 3 | What was your company's prior year spending with certified minority, women, service disabled veteran and LGBT businesses as a percentage of your company's total produrement base?   | Applicable?   | <Choose>  |
| 4 | What was your company's prior year spending with certified small businesses as a percentage of your company's total procurement base (including all federal, state or local small business programs)?  | Applicable?   | <Choose>  |
| 5 | Does your company track diversity spending of its largest suppliers? If so, describe your process and how you ensure the accuracy of the subcontracting data reported.   | Select Yes/No | <Choose>  |
| 6 | Does your company have an employee(s) responsible for your supplier diversity program? If so, what is the cumulative number of FTEs dedicated to supplier diversity (e.g. 1, 2.5, 4.5, etc.)?  | Applicable?   | <Choose>  |
| 7 | Does your company have specific programs designed to recruit and develop small, diverse suppliers/subcontractors (e.g. outreach, training, mentorship, etc.)? Please describe each of these programs and list any suppliers that you have developed over the last twelve months. | Select Yes/No | <Choose>  |
| 8 | Does your company have a supplier diversity web page? If so, please provide the website link and describe the contents of the site.  | Select Yes/No | <Choose>  |
| 9 | Does your company have a Code of Conduct policy for its employees and suppliers? If so, please provide copies.   | Employees     | Suppliers |
|   |  | <Choose>      | <Choose>  |

Please provide any other information about your company's Supply Chain Responsibility efforts below.

PG&E is committed to an inclusive supply chain. We track and report our supply chain information.

Complete this form, including the area provided for additional information on your company's Supply Chain Responsibility efforts.

Push the Return to Reservation sheet button to continue onto the File\_Name form.





# Reservation Form – File Name

Instructions

Create Reservation

Reservation Info

CustomerInformation

SupplyChainResponsibility

File\_Name

**IMPORTANT! Please follow 2-step instructions carefully.**

**Action Required: Follow file steps below**

**This Reservation 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 this Reservation workbook.

These steps will create a unique, correctly formatted name that must be given to this Reservation form file before it is submitted.

When you are ready to submit this form...

1) Click this button ►

2) Click 'Save This File' button below to submit in authorized format. Do not make changes to the filename in the dialog box.

3) Once you have named this Reservation 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 Reservation 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.**

Generate File Name.  
This also generates  
the BidID, and the  
box below in 2) will  
be filled in

Then click  
'Save This File'



# Reservation Form - Key Takeaways

- Enable macros – If problematic, see new process directions that are outlined at the top of the ‘Instructions’ page
- Submit a single reservation form for each grid need location. Submit on Power Advocate.
- Ensure the file name is the same as the pre-populated Offer ID.
- Pay attention to “Units”, i.e. kW vs. MW.
- Be sure all fields are filled in completely.
- All required input fields should be GREEN (not ORANGE) for the reservation form to be considered Complete.
- Data contained in Reservation Forms must be consistent with contract values.

# Intermission

Participants should email questions to [PartnershipPilotDIDF@pge.com](mailto:PartnershipPilotDIDF@pge.com)



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# Q & A



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a Better California

# Thank You



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