

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



Pacific Gas & Electric Company
ELC (Corp ID 39)
Status of Advice Letter 7069E
As of December 21, 2023

Subject: Pacific Gas and Electric Company's Proposed Partnership Pilot in Compliance with Decision 21-02-006

Division Assigned: Energy

Date Filed: 11-15-2023

Date to Calendar: 11-17-2023

Authorizing Documents: D2102006

Disposition:	Accepted
Effective Date:	12-15-2023

Resolution Required: No

Resolution Number: None

Commission Meeting Date: None

CPUC Contact Information:

edtariffunit@cpuc.ca.gov

AL Certificate Contact Information:

Stuart Rubio

279-789-6210

PGETariffs@pge.com

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



To: Energy Company Filing Advice Letter

From: Energy Division PAL Coordinator

Subject: Your Advice Letter Filing

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

The AL status certificate indicates:

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- Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)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

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

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

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

November 15, 2023

Advice 7069-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Pacific Gas and Electric Company's Proposed Partnership Pilot in Compliance with Decision 21-02-006

Purpose

Pacific Gas and Electric Company (PG&E) submits this Tier 2 Advice Letter pursuant to Decision (D.) 21-02-006 and the June 16, 2022 *Administrative Law Judge's Ruling on Recommended Reforms for the Distribution Investment Deferral Framework Process, the Partnership Pilot and the Standard-Offer-Contract Pilot* to seek approval of the selection of three Candidate Deferral Opportunities, the Total Tariff Budget, the Procurement Goals, and the Subscription Periods for PG&E's 2023-2024 Partnership Pilot (Partnership Pilot) cycle. The Partnership Pilot launch date would be the latter of January 15, 2024,¹ or 30 days after CPUC approval of this Advice Letter. Additional materials including the Offer Acceptance & Contract Execution, Offer Reservation & Affidavit, and Technology Neutral Pro Forma will be provided in PG&E's Partnership Pilot Webinar and Protocol documents.

Background

Decision 21-02-006 directed California Investor-Owned Utilities (IOUs) to pilot two frameworks for procuring Distributed Energy Resources (DERs) to avoid or defer utility distribution investments.² One of the pilots is called the Partnership Pilot: a 5-year pilot that will test the concept of Ratable Procurement for procuring DERs as a means to reduce the risk of over- and under-procurement by deferring distribution services utilizing Ratable Procurement to mitigate forecast uncertainty.

In developing the Partnership Pilot, D.21-02-006 ordered the IOUs to utilize a framework established in an earlier decision, D.18-02-004, requiring IOUs to submit the Grid Needs Assessment (GNA)³ and Distribution Deferral Opportunity Report (DDOR)⁴ via the Distribution Investment Deferral Framework (DIDF) process. The DIDF is an "ongoing annual process to identify, review, and select opportunities for competitively sourced

¹ Decision (D.) 21-02-006, at p. 25, Table 1.

² D.21-02-006, at p. 2.

³ <https://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M496/K629/496629893.PDF>

⁴ <https://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M496/K628/496628874.PDF>

[DERs] to defer or avoid utility traditional distribution capital investments.”⁵ The framework developed through the DIDF process prioritizes candidate deferrals into Tier 1, Tier 2, and Tier 3 projects based on their cost-effectiveness, forecast certainty, and market assessment. PG&E utilized this framework to identify projects for the Partnership Pilot and seek approval of at least one Tier 1 deferral opportunity and two Tier 2 or Tier 3 opportunities.

Partnership Pilot

A. Selection of Candidate Deferral Opportunities

PG&E is requesting approval to include three Candidate Deferral Opportunities for the 2023-24 Partnership Pilot cycle as listed in Table 1.

A candidate deferral opportunity is “[a] planned investment included on the shortlist of traditional projects to be deferred using DERs”.⁶ Pursuant to the Staff Proposal, each IOU is required to launch three DER candidate deferral opportunity (at least one Tier 1 and two Tier 2 or Tier 3) during each DIDF cycle.⁷ PG&E is requesting to include three Tier 1 candidate deferral opportunities. All three of the selected projects will provide a means to test the use of Ratable Procurement for forecasted incremental needs and to address the challenge of forecast uncertainty. Service requirements for the Candidate Deferral Opportunities can be found in Appendix C.

Table 1: Candidate Deferral Opportunities Selected for Partnership Pilot

Tier	Candidate Deferral	In-Service Date	Deficiency (MW)
Tier 1	Camden 1106	2026	8.9
Tier 1	Giffen Bank 2	2026	CC
Tier 1	Green Valley Bank 4	2026	11.1

As depicted in Table 1, In-Service Date is the operational year by which the DERs are expected to perform. Deficiency is the highest capacity overload that is forecasted between the In-Service Date and the last year in the forecast planning period (i.e., 2032). More details on how the In-Service Date and the Deficiency are calculated can be found in PG&E’s 2023 GNA and DDOR.

⁵ D.21-02-006, at p. 5.

⁶ D.21-02-006, Attachment A, at p. 4.

⁷ D.21-02-006, Attachment A, at p. 52. PG&E met this requirement in 2021 as referenced in Section 4.2.2 in D.21-02-006, p. 23; PG&E’s recommendation in 2023 is to select 3 Tier 1 Candidate Deferral Opportunities instead.

B. Total Tariff Budget

PG&E is requesting a Total Tariff Budget in the amount of \$30.297M for the 2023-24 Partnership Pilot cycle as shown in Table 2.

Based on input from the Distribution Planning Advisory Group (DPAG) on September 25, 2023, PG&E is requesting a Total Budget that reflects the entire forecast period through 2032 as shown in Table 2. All budget dollars are shown in the year of the In-Service Year of each Tranche. For a given Candidate Deferral Opportunity, the Tranche budgets are fixed; however, in the event of a change in the grid-need, the Procurement Goal (i.e., MWs) may be updated. If the grid need is not successfully deferred by DERs, PG&E would not complete the future tranches and the budgets for those tranches would be zero. In the event that there are left over funds in the Performance Budget due to PG&E not utilizing the expected number of calls, those funds would be rolled into a subsequent years' total tranche budgets⁸. This rollover will incentivize participation in the Partnership Pilot while ensuring the Total Tariff Budget is not exceeded.

Table 2: Final Budget Summary by Opportunity

Candidate Deferral (\$1000s)	In-Service Year	Tranche							Total Tariff Budget
		1	2	3	4	5	6	7	
Camden 1106	2026	\$1,798	\$1,843	\$1,889	\$1,937	\$1,985	\$2,035	\$2,086	\$13,572
Giffen Bank 2	2026	\$1,057	\$1,084	\$1,111	\$1,138	\$1,167	\$1,196	\$1,226	\$7,979
Green Valley Bank 4 ⁹	2026	\$1,159	\$1,188	\$1,217	\$1,248	\$1,279	\$1,311	\$1,344	\$8,745
Total		\$2,304	\$2,361	\$2,420	\$2,481	\$2,543	\$2,607	\$2,672	\$30,297

Table 3: Tranche 1 Budget Breakdown (\$1,000s)

Project Name	Deferral Value	Deployment Budget	Reservation Budget	Performance Budget	Tranche Budget
Camden 1106	\$2,116	\$360	\$539	\$899	\$1,798
Giffen Bank 2	\$1,244	\$211	\$317	\$529	\$1,057
Green Valley Bank 4	\$1,363	\$232	\$348	\$579	\$1,159

As depicted in Table 3, aggregators will receive Deployment, Reservation, and Performance payments which are summed to equal the Tranche budget, set at 85% of the Deferral Value. All values have been discounted to the year of the In-Service Date for each tranche. Details on Tranches 2-7 can be found in Appendix A.

⁸ June 16, 2022 DIDF/PP/SOC Improvements Ruling, Reform 2.4, p. 7-8

⁹ The project cost for Green Valley Bank 4 was updated to exclude transmission costs during the DPAG meeting on September 25, 2023. This resulted in a reduction in the tranche level budgets when compared to the 2023 DDOR report.

C. Procurement Goals

PG&E requests Commission approval of the Procurement Goals for the 2023-2024 Partnership Pilot cycle.

Procurement Goals are the amount of capacity needed to defer the Planned Investment for no less than one year¹⁰. The Procurement Goals for Tranche 1 for all three Candidate Deferral Opportunities are shown below in Table 4.

Table 4: Tranche 1 Procurement Goals Summary

Candidate Deferral	Needs	Acceptance Trigger (MW)	Grid Need (MW)	Procurement Cap (MW) ¹¹
Camden 1106	Hardwick Bank 1	1.55	1.72	2.07
	Henrietta Bank 5	1.56	1.73	2.08
	Camden 1102	1.71	1.90	2.29
Giffen Bank 2	Giffen 1103	0.18	0.20	0.23
	Giffen 1102	CC	CC	CC
	Giffen Bank 1	9.51	10.57	12.68
Green Valley Bank 4	Green Valley Bank 3	0.23	0.26	0.31
	Green Valley Bank 2	1.97	2.19	2.63

As depicted in Table 4, the Procurement Goals include the Acceptance Trigger, and Procurement Cap by Tranche for each Candidate Deferral Opportunity. The Acceptance Trigger¹² is defined as the minimum amount of capacity required to execute contracts within the Partnership Pilot framework for a given tranche (90 percent of the Procurement Goal). The Procurement Cap is the maximum allowable amount of capacity for deployment and reservation payments for each Tranche (120 percent of the Procurement Goal). The Procurement Goals as presented in the GNA and the DDOR are based on a forecasted grid need that utilizes future load forecasts to estimate capacity deficiencies. The detailed procurement goals for each tranche of the candidates are provided in Appendix B.

The number of Tranches and the Procurement Goals (and corresponding Acceptance Trigger, and Procurement Cap), for all tranches are subject to change through annual distribution planning activities and may be updated annually during the DPAG process¹³. Subsequent tranche Procurement Goals may be updated annually during the Distribution Planning process until the entire grid need is met or a tranche procurement is not

¹⁰ D.21-02-006, OP 3.

¹¹ 'Procurement Cap' is also referred to as 'Procurement Margin' in D.21-02-006.

¹² D.21-02-006, p.58.

¹³ D.21-02-006, at p. 78, OP 3.

successful by the Contingency Date, whichever happens first¹³. Payments are discussed in greater detail within Section B.

D. Subscription Periods

PG&E requests Commission approval of the proposed Subscription Periods for the 2023-24 Partnership Pilot cycle.

The proposed Subscription Periods for Tranche 1 were calculated using the following factors:

- Subscription Launch Date: the date at which parties are eligible to submit reservations. The Subscription Launch Date for Tranche 1 will be the latter of 30 days after the approval of this advice letter or January 15, 2024;¹⁴
- Reservation Deadline: date reliant on the Contingency Date of each Candidate Deferral Opportunity. The Reservation Deadline is 60 days prior to the Contingency Date to ensure there is adequate time to: 1) review the reservation; 2) request additional information or clarify project details; and, 3) initiate the awarding and execution of a contract; and,
- Subscription Duration represents the total number of days from the Subscription Launch Date to the Reservation Deadline.

Table 5: Subscription Periods for Tranche 1¹⁵

Project Name	Subscription Launch	Reservation Deadline	Subscription Duration (Days)	Contingency Date	In-Service Date
Camden 1106	1/15/2024	9/4/2024	233	11/3/2024	5/3/2026
Giffen Bank 2	1/15/2024	8/2/2024	200	10/1/2024	4/1/2026
Green Valley Bank 4	1/15/2024	9/2/2024	231	11/1/2024	5/1/2026

As depicted in Table 5, the Subscription Launch date is the same for all Candidate Deferral Opportunities, but the Subscription Duration depends on the Reservation Deadline. The Contingency Date¹⁶ is specific to the Candidate Deferral Opportunity and is based on the distribution planning process, which includes the phases of engineering and design, materials procurement, and construction.

Equipment procurement dates for planned investments vary by project and are based on the amount of lead time required to order specific equipment to meet the projects' needs.

¹⁴ D.21-02-006, Attachment A, at pp. 45-46.

¹⁵ The proposed Subscription Periods in Table 5 are based on an Advice Letter approval date of December 15, 2023.

¹⁶ D.21-02-006, p. 43.

As described in AL 6406-E, PG&E received input during the 2021 DPAG webinars that Candidate Deferrals that have short Tranche 1 Subscription Periods would benefit from extended subscription dates¹⁷. Therefore, PG&E has extended the Contingency Date to after the design and engineering phase of the planned investment and after the equipment procurement. PG&E has moved the Reservation Deadline and Contingency Date to 18 months later, which provides additional time for aggregators to procure Behind-The-Meter (BTM) DERs.

As a result, PG&E continues to incur costs as the equipment procurement of the wire's solution would continue in parallel to the Subscription Period for these three projects. PG&E may therefore incur and track costs in the Distributed Energy Resources Distribution Deferral Account (DERDDA) memorandum account that are considered part of the deferral value attributable to DERs.¹⁸ PG&E is proposing this schedule to maximize the opportunities for DERs to participate in the Partnership Pilot.

Conclusion and Request for Approval

For the reasons stated herein, PG&E respectfully requests approval of the following:

1. The three candidate deferral opportunities for the 2023-24 Partnership Pilot cycle as described above in Section A;
2. A total Tariff Budget of \$30.297M for the 2023-24 Partnership Pilot cycle as described above in Section B;
3. The Procurement Goals for the 2023-24 Partnership Pilot cycle as described above in Section C; and,
4. The Subscription Periods for the 2023-24 Partnership Pilot cycle as described above in Section D.

Protests

Anyone wishing to protest this submittal may do so by letter sent electronically via E-mail, no later than December 5, 2023, which is 20 days after the date of this submittal. Protests must be submitted to:

CPUC Energy Division
ED Tariff Unit
E-mail: EDTariffUnit@cpuc.ca.gov

The protest shall also be electronically sent to PG&E via E-mail at the address shown below on the same date it is electronically delivered to the Commission:

¹⁷ AL 6406-E, p. 6-7

¹⁸ D.18-02-004, at pp. 87-88, OP 2.x. ("The Commission orders that contingency planning shall not be prescribed but rather determined by the IOUs on a case-by-case basis").

Sidney Bob Dietz II
Director, Regulatory Relations
c/o Megan Lawson
E-mail: PGETariffs@pge.com

Any person (including individuals, groups, or organizations) may protest or respond to an advice letter (General Order 96-B, Section 7.4). The protest shall contain the following information: specification of the advice letter protested; grounds for the protest; supporting factual information or legal argument; name and e-mail address of the protestant; and statement that the protest was sent to the utility no later than the day on which the protest was submitted to the reviewing Industry Division (General Order 96-B, Section 3.11).

Effective Date

Pursuant to General Order (GO) 96-B, Rule 5.2 and D.21-02-006, this advice letter is submitted with a Tier 2 designation. PG&E requests that this Tier 2 advice letter become effective on regular notice, December 15, 2023, which is 30 calendar days after the date of submittal.

Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically to parties shown on the attached list and the parties on the service lists for R.14-10-003 and R.21-06-017. Address changes to the General Order 96-B service list should be directed to PG&E at email address PGETariffs@pge.com. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at Process_Office@cpuc.ca.gov. Send all electronic approvals to PGETariffs@pge.com. Advice letter submittals can also be accessed electronically at: <http://www.pge.com/tariffs/>.

/S/

Sidney Bob Dietz II
Director, Regulatory Relations
CPUC Communications

cc: Service Lists R.14-10-003 and R.21-06-017



ADVICE LETTER SUMMARY

ENERGY UTILITY



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

Company name/CPUC Utility No.: Pacific Gas and Electric Company (U 39 E)

Utility type:

- ELC GAS WATER
 PLC HEAT

Contact Person: Stuart Rubio

Phone #: 279-789-6210

E-mail: PGETariffs@pge.com

E-mail Disposition Notice to: stuart.rubio@pge.com

EXPLANATION OF UTILITY TYPE

ELC = Electric GAS = Gas WATER = Water
 PLC = Pipeline HEAT = Heat

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #: 7069-E

Tier Designation: 2

Subject of AL: Pacific Gas and Electric Company's Proposed Partnership Pilot in Compliance with Decision 21-02-006

Keywords (choose from CPUC listing): Compliance

AL Type: Monthly Quarterly Annual One-Time Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: D.21-02-006

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: No

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

Confidential treatment requested? Yes No

If yes, specification of confidential information: see confidential declaration

Confidential information will be made available to appropriate parties who execute a nondisclosure agreement. Name and contact information to request nondisclosure agreement/ access to confidential information: Satvir Nagra, Satvir.nagra@pge.com

Resolution required? Yes No

Requested effective date: 12/15/23

No. of tariff sheets: 0

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: N/A

Service affected and changes proposed¹: N/A

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

¹Discuss in AL if more space is needed.

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

California Public Utilities Commission
Energy Division Tariff Unit Email:
EDTariffUnit@cpuc.ca.gov

Contact Name: Sidnev Bob Dietz II. c/o Megan Lawson
Title: Director, Regulatory Relations
Utility/Entity Name: Pacific Gas and Electric Company

Telephone (xxx) xxx-xxxx: (415)973-2093
Facsimile (xxx) xxx-xxxx:
Email: PGETariffs@pge.com

Contact Name:
Title:
Utility/Entity Name:

Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

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

Clear Form

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

**DECLARATION SUPPORTING CONFIDENTIAL DESIGNATION
ON BEHALF OF
PACIFIC GAS AND ELECTRIC COMPANY (U 39 E)**

1. I, Satvir Nagra, am the Director of Asset Planning of Pacific Gas and Electric Company (“PG&E”), a California corporation. Martin Wyspianski, the Vice President of Electric Engineering, Asset, and Regulatory of PG&E, delegated authority to me to sign this declaration. My business office is located at:

Pacific Gas and Electric Company
300 Lake Side Dr.
Oakland, CA 94612

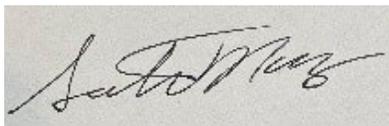
2. PG&E will produce the information identified in Paragraph 3 of this Declaration to the California Public Utilities Commission (“CPUC”) or departments within or contractors retained by the CPUC in response to a CPUC audit, data request, proceeding, or other CPUC request.
Name or Docket No. of CPUC Proceeding (if applicable): R.21-06-017
3. Title and description of document(s): Confidential Advice Letter 7069-E; Confidential Appendix B; and Confidential Appendix C.
4. These documents contain confidential information that, based on my information and belief, has not been publicly disclosed. These documents have been marked as confidential, and the basis for confidential treatment and where the confidential information is located on the documents are identified on the following chart

Check	Basis for Confidential Treatment	Where Confidential Information is Located on the Documents
<input checked="" type="checkbox"/>	<p>Customer-specific data, which may include demand, loads, names, addresses, and billing data.</p> <p>(Protected under PUC § 8380; Civ. Code §§ 1798 <i>et seq.</i>; Govt. Code § 6254; Public Util. Code § 8380; Decisions (D.) 14-05-016, 04-08-055, 06-12-029)</p>	<p>Grey-shaded information in Advice Letter 7069-E; Appendix B; and Appendix C</p>
<input type="checkbox"/>	<p>Personal information that identifies or describes an individual (including employees), which may include home address or phone number; SSN, driver’s license, or passport numbers; education; financial matters; medical or employment history (not including PG&E job titles); and statements attributed to the individual.</p> <p>(Protected under Civ. Code §§ 1798 <i>et seq.</i>; Govt. Code § 6254; 42 U.S.C. § 1320d-6; and General Order (G.O.) 77-M)</p>	
<input type="checkbox"/>	<p>Physical facility, cyber-security sensitive, or critical infrastructure data, including without limitation critical energy infrastructure information (CEII) as defined by the regulations of the Federal Energy Regulatory Commission at 18 C.F.R. § 388.113 and/or General Order 66-D (“The subject information: (1) is not customarily in the public domain by providing a declaration in compliance with Section 3.2(c) stating that the subject information is not related to the location of a physical structure that is visible with the naked eye or is available publicly online or in print; and (2) the subject information either: could allow a bad actor to attack, compromise or incapacitate physically or electronically a facility providing critical utility service; or discusses vulnerabilities of a facility providing critical utility service”).</p> <p>(Protected under Govt. Code § 6254(k), (ab); 6 U.S.C. § 131; 6 CFR § 29.2)</p>	
<input type="checkbox"/>	<p>Proprietary and trade secret information or other intellectual property and protected market sensitive/competitive data.</p> <p>(Protected under Civ. Code §§3426 <i>et seq.</i>; Govt. Code §§ 6254, <i>et seq.</i>, e.g., 6254(e), 6254(k), 6254.15; Govt. Code § 6276.44; Evid. Code §1060; D.11-01-036)</p>	
<input type="checkbox"/>	<p>Corporate financial records.</p> <p>(Protected under Govt. Code §§ 6254(k), 6254.15)</p>	

Third-Party information subject to non-disclosure or confidentiality agreements or obligations.
(Protected under Govt. Code § 6254(k); see, e.g., CPUC D.11-01-036)

Other categories where disclosure would be against the public interest (Govt. Code § 6255(a) [NEED TO EXPLAIN HOW THE PUBLIC INTEREST SERVED BY NOT DISCLOSING THE RECORD CLEARLY OUTWEIGHS THE PUBLIC INTEREST SERVED BY DISCLOSURE]):

5. The importance of maintaining the confidentiality of this information outweighs any public interest in disclosure of this information. This information should be exempt from the public disclosure requirements under the Public Records Act and should be withheld from disclosure.
6. I declare under penalty of perjury that the foregoing is true, correct, and complete to the best of my knowledge.
7. Executed on this 15th day of November 2023 at Oakland, California.



Satvir Nagra
Director, Asset Planning
Pacific Gas and Electric Company

PACIFIC GAS AND ELECTRIC COMPANY (U 39 E)

ADVICE LETTER 7069-E
ATTACHMENT TO DECLARATION
November 15, 2023

ATTACHMENT NAME	DOCUMENT NAME	CATEGORY OF CONFIDENTIALITY	LOCATION
Advice Letter AL 7069-E	Advice Letter requesting approval to launch three candidate deferral opportunities for the 2023-2024 Partnership Pilot	Customer-specific data	Grey shading in Advice Letter 7069-E, Appendix B; and Appendix C

Appendix A

Final Budget Summary by Opportunity for All Tranches

(Public)

Appendix A: Final Budget Summary by Opportunity for All Tranches (\$1,000s¹)

Project Name	Tranche #	Deferral Value	Deployment Budget	Reservation Budget	Performance Budget	Tranche Budget
Camden 1106	1	\$2,116	\$360	\$539	\$899	\$1,798
Camden 1106	2	\$2,168	\$369	\$553	\$922	\$1,843
Camden 1106	3	\$2,223	\$378	\$567	\$945	\$1,889
Camden 1106	4	\$2,278	\$387	\$581	\$968	\$1,937
Camden 1106	5	\$2,335	\$397	\$595	\$992	\$1,985
Camden 1106	6	\$2,394	\$407	\$610	\$1,017	\$2,035
Camden 1106	7	\$2,454	\$417	\$626	\$1,043	\$2,086
	TOTAL	\$15,968	\$2,714	\$4,072	\$6,786	\$13,572
Giffen Bank 2	1	\$1,244	\$211	\$317	\$529	\$1,057
Giffen Bank 2	2	\$1,275	\$217	\$325	\$542	\$1,084
Giffen Bank 2	3	\$1,307	\$222	\$333	\$555	\$1,111
Giffen Bank 2	4	\$1,339	\$228	\$342	\$569	\$1,138
Giffen Bank 2	5	\$1,373	\$233	\$350	\$583	\$1,167
Giffen Bank 2	6	\$1,407	\$239	\$359	\$598	\$1,196
Giffen Bank 2	7	\$1,442	\$245	\$368	\$613	\$1,226
	TOTAL	\$9,387	\$1,596	\$2,394	\$3,989	\$7,979
Green Valley Bank 4	1	\$1,363	\$232	\$348	\$579	\$1,159
Green Valley Bank 4	2	\$1,397	\$238	\$356	\$594	\$1,188
Green Valley Bank 4	3	\$1,432	\$243	\$365	\$609	\$1,217
Green Valley Bank 4	4	\$1,468	\$250	\$374	\$624	\$1,248
Green Valley Bank 4	5	\$1,505	\$256	\$384	\$639	\$1,279
Green Valley Bank 4	6	\$1,542	\$262	\$393	\$655	\$1,311
Green Valley Bank 4	7	\$1,581	\$269	\$403	\$672	\$1,344
	TOTAL	\$10,288	\$1,749	\$2,624	\$4,373	\$8,745

¹ Dollar values are discounted to the tranche year.

Appendix B

Procurement Goals Summary for All Tranches

(Redacted)

Appendix B: Procurement Goals Summary for All Tranches¹

Project Name	Tranche	In-service Date	Acceptance Trigger (MW)	Procurement Goal (MW)	Procurement Cap (MW)
Camden 1106	1	2026	4.83	5.36	6.43
Camden 1106	2	2027	5.01	5.56	6.67
Camden 1106	3	2028	5.22	5.80	6.96
Camden 1106	4	2029	5.53	6.14	7.37
Camden 1106	5	2030	5.97	6.63	7.96
Camden 1106	6	2031	7.24	8.04	9.65
Camden 1106	7	2032	8.02	8.91	10.69
Giffen Bank 2	1	2026	CC	CC	CC
Giffen Bank 2	2	2027	CC	CC	CC
Giffen Bank 2	3	2028	CC	CC	CC
Giffen Bank 2	4	2029	CC	CC	CC
Giffen Bank 2	5	2030	CC	CC	CC
Giffen Bank 2	6	2031	CC	CC	CC
Giffen Bank 2	7	2032	CC	CC	CC
Green Valley Bank 4	1	2026	2.20	2.45	2.94
Green Valley Bank 4	2	2027	2.73	3.04	3.64
Green Valley Bank 4	3	2028	3.37	3.74	4.49
Green Valley Bank 4	4	2029	4.16	4.63	5.55
Green Valley Bank 4	5	2030	5.24	5.82	6.99
Green Valley Bank 4	6	2031	7.51	8.34	10.01
Green Valley Bank 4	7	2032	10.02	11.13	13.35

¹ These figures will be updated annually in PG&E's DDOR and GNA.

Appendix C

Service Requirements by Opportunity with Multiple Grid Needs

(Redacted)

Appendix C: Service Requirements by Opportunity with Multiple Grid Needs

Camden 1106¹

Grid Need	Tranche	In-service Date	Acceptance Trigger (MW)	Procurement Goal (MW)	Procurement Cap (MW)	# of months	Months	Calls/Yr	Hours	WD/WE	Event Duration
Camden 1102	1	2026	1.71	1.90	2.29	3	Jun to Aug	84	12PM to 10PM	WD/WE	7
Camden 1102	2	2027	1.79	1.99	2.38	3	Jun to Aug	83	12PM to 10PM	WD/WE	7
Camden 1102	3	2028	1.87	2.08	2.49	3	Jun to Aug	92	12PM to 10PM	WD/WE	7
Camden 1102	4	2029	1.98	2.20	2.64	3	Jun to Aug	92	12PM to 10PM	WD/WE	8
Camden 1102	5	2030	2.10	2.33	2.79	4	Jun to Sept	92	1PM to 10PM	WD/WE	8
Camden 1102	6	2031	2.23	2.48	2.97	4	Jun to Sept	92	1PM to 10PM	WD/WE	8
Camden 1102	7	2032	2.39	2.66	3.19	4	Jun to Sept	92	1PM to 11PM	WD/WE	8
Hardwick Bank 1	1	2026	1.55	1.72	2.07	3	Jun to Aug	84	4PM to 11PM	WD/WE	5
Hardwick Bank 1	2	2027	1.67	1.85	2.22	3	Jun to Aug	84	4PM to 12AM	WD/WE	6
Hardwick Bank 1	3	2028	1.79	1.99	2.39	4	May to Aug	92	12AM to 2AM, 4PM to 12AM	WD/WE	7
Hardwick Bank 1	4	2029	1.99	2.21	2.66	4	May to Aug	115	12AM to 7AM, 4PM to 12AM	WD/WE	8
Hardwick Bank 1	5	2030	2.33	2.59	3.10	4	May to Aug	123	12AM to 8AM, 4PM to 12AM	WD/WE	9
Hardwick Bank 1	6	2031	3.45	3.83	4.60	6	May to Oct	131	12AM to 8AM, 2PM to 12AM	WD/WE	15
Hardwick Bank 1	7	2032	4.06	4.51	5.41	7	Apr to Oct	174	12AM to 8AM, 2PM to 12AM	WD/WE	15
Henrietta Bank 5	1	2026	1.56	1.73	2.08	4	Apr to Jul	39	12AM to 4AM, 4PM to 9PM	WD/WE	4
Henrietta Bank 5	2	2027	1.55	1.72	2.07	4	Apr to Jul	38	12AM to 4AM, 4PM to 9PM	WD/WE	4
Henrietta Bank 5	3	2028	1.56	1.73	2.07	4	Apr to Jul	39	12AM to 4AM, 4PM to 9PM	WD/WE	4
Henrietta Bank 5	4	2029	1.55	1.73	2.07	4	Apr to Jul	40	12AM to 4AM, 4PM to 9PM	WD/WE	4

¹ These figures will be updated annually in PG&E's DDOR and GNA.

Henrietta Bank 5	5	2030	1.55	1.72	2.06	4	Apr to Jul	41	12AM to 4AM, 4PM to 9PM	WD/WE	4
Henrietta Bank 5	6	2031	1.56	1.73	2.08	4	Apr to Jul	40	12AM to 4AM, 4PM to 9PM	WD/WE	4
Henrietta Bank 5	7	2032	1.57	1.74	2.09	4	Apr to Jul	38	12AM to 4AM, 4PM to 9PM	WD/WE	4

Giffen Bank 2²

Grid Need	Tranche	In-service Date	Acceptance Trigger (MW)	Procurement Goal (MW)	Procurement Cap (MW)	# of months	Months	Calls/Yr	Hours	WD/WE	Event Duration
Giffen 1102	1	2026	CC	CC	CC	CC	CC	CC	CC	CC	CC
Giffen 1102	2	2027	CC	CC	CC	CC	CC	CC	CC	CC	CC
Giffen 1102	3	2028	CC	CC	CC	CC	CC	CC	CC	CC	CC
Giffen 1102	4	2029	CC	CC	CC	CC	CC	CC	CC	CC	CC
Giffen 1102	5	2030	CC	CC	CC	CC	CC	CC	CC	CC	CC
Giffen 1102	6	2031	CC	CC	CC	CC	CC	CC	CC	CC	CC
Giffen 1102	7	2032	CC	CC	CC	CC	CC	CC	CC	CC	CC
Giffen 1103	1	2026	0.18	0.20	0.23	2	Jun to Jul	30	12AM to 10AM	WD/WE	5
Giffen 1103	2	2027	0.18	0.19	0.23	2	Jun to Jul	30	12AM to 10AM	WD/WE	5
Giffen 1103	3	2028	0.18	0.20	0.24	2	Jun to Jul	30	12AM to 10AM	WD/WE	5
Giffen 1103	4	2029	0.18	0.20	0.24	2	Jun to Jul	30	12AM to 10AM	WD/WE	5
Giffen 1103	5	2030	0.18	0.20	0.24	2	Jun to Jul	30	12AM to 10AM	WD/WE	5
Giffen 1103	6	2031	0.18	0.20	0.24	2	Jun to Jul	30	12AM to 10AM	WD/WE	2
Giffen 1103	7	2032	0.18	0.20	0.25	2	Jun to Jul	30	12AM to 10AM	WD/WE	2
Giffen Bank 1	1	2026	9.51	10.57	12.68	7	Apr to Oct	197	12AM to 12AM	WD/WE	24

² These figures will be updated annually in PG&E's DDOR and GNA.

Giffen Bank 1	2	2027	9.51	10.56	12.68	7	Apr to Oct	196	12AM to 12AM	WD/WE	24
Giffen Bank 1	3	2028	9.51	10.57	12.69	7	Apr to Oct	196	12AM to 12AM	WD/WE	24
Giffen Bank 1	4	2029	9.51	10.57	12.68	7	Apr to Oct	196	12AM to 12AM	WD/WE	24
Giffen Bank 1	5	2030	9.51	10.57	12.68	7	Apr to Oct	197	12AM to 12AM	WD/WE	24
Giffen Bank 1	6	2031	9.51	10.56	12.68	7	Apr to Oct	198	12AM to 12AM	WD/WE	24
Giffen Bank 1	7	2032	9.52	10.57	12.69	7	Apr to Oct	196	12AM to 12AM	WD/WE	24

Green Valley Bank 4³

Grid Need	Tranche	In-service Date	Acceptance Trigger (MW)	Procurement Goal (MW)	Procurement Cap (MW)	# of months	Months	Calls/Yr	Hours	WD/WE	Event Duration
Green Valley Bank 2	1	2026	1.97	2.19	2.63	7	Apr to Oct	153	7AM to 12PM, 4PM to 8PM	WD/WE	7
Green Valley Bank 2	2	2027	2.22	2.47	2.96	7	Apr to Oct	152	7AM to 12PM, 3PM to 9PM	WD/WE	9
Green Valley Bank 2	3	2028	2.52	2.81	3.37	7	Apr to Oct	161	7AM to 12PM, 3PM to 9PM	WD/WE	9
Green Valley Bank 2	4	2029	2.92	3.24	3.89	7	Apr to Oct	171	7AM to 12PM, 3PM to 9PM	WD/WE	9
Green Valley Bank 2	5	2030	3.45	3.84	4.61	9	Apr to Dec	180	7AM to 12PM, 3PM to 9PM	WD/WE	7
Green Valley Bank 2	6	2031	4.49	4.99	5.99	12	Jan to Dec	237	7AM to 10PM	WD/WE	8
Green Valley Bank 2	7	2032	5.74	6.38	7.65	12	Jan to Dec	259	7AM to 10PM	WD/WE	10
Green Valley Bank 3	1	2026	0.23	0.26	0.31	2	May to Oct	65	8AM to 11AM, 4PM to 8PM	WD	3
Green Valley Bank 3	2	2027	0.51	0.57	0.68	2	May to Oct	87	8AM to 11AM, 4PM to 8PM	WD	4

³ These figures will be updated annually in PG&E's DDOR and GNA.

Green Valley Bank 3	3	2028	0.84	0.94	1.12	2	May to Oct	109	7AM to 11AM, 4PM to 8PM	WD/WE	4
Green Valley Bank 3	4	2029	1.25	1.39	1.66	2	May to Oct	109	7AM to 11AM, 4PM to 8PM	WD/WE	5
Green Valley Bank 3	5	2030	1.79	1.98	2.38	2	Apr to Oct	109	7AM to 11AM, 3PM to 8PM	WD/WE	5
Green Valley Bank 3	6	2031	3.01	3.35	4.02	2	Apr to Oct	158	7AM to 12PM, 3PM to 9PM	WD/WE	7
Green Valley Bank 3	7	2032	4.28	4.75	5.70	2	Apr to Oct	196	7AM to 12PM, 3PM to 10PM	WD/WE	9

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

AT&T
Albion Power Company

Alta Power Group, LLC
Anderson & Poole

Atlas ReFuel
BART
Buchalter
Barkovich & Yap, Inc.
Braun Blaising Smith Wynne, P.C.
California Community Choice Association
California Cotton Ginners & Growers
Assn California Energy Commission

California Hub for Energy Efficiency
Financing

California Alternative Energy and
Advanced Transportation Financing
Authority
California Public Utilities Commission
Calpine

Cameron-Daniel, P.C.
Casner, Steve
Center for Biological Diversity

Chevron Pipeline and Power
City of Palo Alto

City of San Jose
Clean Power Research
Coast Economic Consulting
Commercial Energy
Crossborder Energy
Crown Road Energy, LLC
Davis Wright Tremaine LLP
Day Carter Murphy

Dept of General Services
Don Pickett & Associates, Inc.
Douglass & Liddell
Downey Brand LLP
Dish Wireless L.L.C.

East Bay Community Energy Ellison
Schneider & Harris LLP

Electrical Power Systems, Inc.
Fresno
Engineers and Scientists of California

GenOn Energy, Inc.
Green Power Institute
Hanna & Morton
ICF

iCommLaw
International Power Technology
Intertie

Intestate Gas Services, Inc.

Johnston, Kevin
Kelly Group
Ken Bohn Consulting
Keyes & Fox LLP
Leviton Manufacturing Co., Inc.

Los Angeles County Integrated
Waste Management Task Force
MRW & Associates
Manatt Phelps Phillips
Marin Energy Authority
McClintock IP
McKenzie & Associates

Modesto Irrigation District
NRG Solar

OnGrid Solar
Pacific Gas and Electric Company
Peninsula Clean Energy

Pioneer Community Energy

Public Advocates Office

Redwood Coast Energy Authority
Regulatory & Cogeneration Service, Inc.

Resource Innovations

SCD Energy Solutions
San Diego Gas & Electric Company

SPURR
San Francisco Water Power and Sewer
Sempra Utilities

Sierra Telephone Company, Inc.
Southern California Edison Company
Southern California Gas Company
Spark Energy
Sun Light & Power
Sunshine Design
Stoel Rives LLP

Tecogen, Inc.
TerraVerde Renewable Partners
Tiger Natural Gas, Inc.

TransCanada
Utility Cost Management
Utility Power Solutions
Water and Energy Consulting Wellhead
Electric Company
Western Manufactured Housing
Communities Association (WMA)
Yep Energy