

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



July 29, 2022

Sidney Bob Dietz II
Director, Regulatory Relations
Pacific Gas and Electric Company
77 Beale Street, Mail Code B13U
P.O. Box 770000
San Francisco, CA 94177

Dear Sidney Dietz,

On November 17, 2021, Pacific Gas and Electric Company (PG&E) filed two Advice Letters (AL), 6409-E and 6410-E, seeking waivers for its January 2022 year-ahead local Resource Adequacy (RA) requirement in two of the disaggregated PG&E Other local areas (AL 6410-E) and for the Greater Bay Area local area (AL 6409-E). In 6410-E, PG&E demonstrated that it met the local RA obligation in the aggregated PG&E Other local areas but was unable to meet its January 2022 local requirements in each individual Other PG&E local area. In 6409-E, PG&E demonstrated that it was unable to meet the Greater Bay Area local requirement and described its efforts to obtain local RA in the Greater Bay Area local area.¹ Energy Division staff grants the waiver requests for the reasons explained below.

Commission Decision (D.) 06-06-064 established waiver provisions for local RA procurement. D.20-06-031 established criteria for fulfilling local RA obligations in the six disaggregated PG&E Other local areas. D.21-06-029 established 2022 compliance year obligations for all Load Serving Entities (LSEs). On November 17, 2021, PG&E submitted its January 2022 month-ahead local RA compliance filing, showing a deficiency in two of the disaggregated PG&E Other local areas and in the Greater Bay Area local area, but also showing that it has met the local RA obligation in the aggregated PG&E Other local areas. PG&E submitted requests for waivers via advice letter pursuant to D.06-06-064, D.20-06-031, and D.21-06-029.

Section 3.8 of D.20-06-031 establishes criteria for fulfilling local RA obligations in the six disaggregated Other local areas:

Accordingly, an LSE shall have fulfilled their RA obligations in the six disaggregated LCAs if the following requirements are met:

(1) The LSE makes the required demonstration as part of the current local waiver process through the Tier 2 Advice Letter for its disaggregated PG&E Other local capacity requirements; and

¹ On June 15, 2022, PG&E submitted substitute sheets for ALs 6409E and 6410E. For each letter, these sheets replaced Attachments 7 and 8 to Appendix A, which were previously duplicates of Attachments 1 and 2.

(2) *The LSE, in its Year Ahead compliance filing, demonstrates procurement of local RA capacity within the PG&E Other LCAs such that the LSE's collective procurement in the six disaggregated PG&E Other LCAs meets the LSE's collective requirement for the disaggregated PG&E Other LCAs.*

The process and standard for applying for the PG&E Other waiver will otherwise be the same process and standard for all local waiver requests. An LSE may still seek a waiver of one of more of the disaggregated PG&E Other obligations, even if it has not met the aggregation obligation despite commercially reasonable efforts.

Energy Division has reviewed PG&E's January 2022 month-ahead local compliance filing and determines that PG&E has met its local RA obligation in the aggregated PG&E Other local areas.

Section 3.3.12 of D.06-06-064 approved a CPUC staff waiver process from LSE procurement obligations as a necessary "market power mitigation measure" – and describes a standard that an LSE may use to demonstrate that it could not reasonably achieve its Local Capacity Requirement (LCR) obligations:

(1) a demonstration that the LSE reasonably and in good faith solicited bids for its RAR capacity needs along with accompanying information about the terms and conditions of the Request for Offer or other form of solicitation, and

(2) a demonstration that despite having actively pursued all commercially reasonable efforts to acquire the resources needed to meet the LSE's local procurement obligation, it either

(a) received no bids, or

(b) received no bids for an unbundled RA capacity contract of under \$40 per kW-year or for a bundled capacity and energy product of under \$73 per kW-year, or

(c) received bids below these thresholds but such bids included what the LSE believes are unreasonable terms and/or conditions, in which case the waiver request must demonstrate why such terms and/or conditions are unreasonable.

An LSE's waiver request that meets these requirements is a necessary but not a sufficient condition for the grant of such waiver. The Commission will also consider other information brought to its attention regarding the reasonableness of the waiver request.

In D.19-06-026, the Commission updated the local trigger price from \$40/kW-year to \$51/kW-year.

Energy Division also reviewed PG&E's actions to procure local RA resources to meet the local RA requirement of the Greater Bay Area local area and finds them reasonable considering the capacity available to meet PG&E's local RA obligation. In this case, Energy Division finds that

PG&E held solicitations and pursued all commercially reasonable efforts to acquire the resources needed to meet the LSE's local procurement obligation. PG&E's waiver request includes confidential market-sensitive information supporting this finding.

PG&E's waiver request demonstrated that it pursued all commercially reasonable efforts in procuring local capacity to meet its local RA obligations in the Greater Bay Area local area. Energy Division approves Advice Letters 6409-E and 6410-E, PG&E's request for a waiver from its local procurement obligation and any penalties associated with this obligation.

Thus, Energy Division grants PG&E's Advice Letters 6409-E and 6410-E, which together request for a waiver of its January 2022 month-ahead local RA requirements.

Advice Letters 6409-E and 6410-E are effective on July 29, 2022.

Sincerely,

A handwritten signature in black ink that reads "Leuwam Tesfai". The signature is written in a cursive, flowing style.

Leuwam Tesfai
Deputy Executive Director for Energy and Climate Policy

Cc: EDComplianceReports@cpuc.ca.gov

November 17, 2021

Advice 6409-E

(Pacific Gas and Electric Company – U 39 E)

Public Utilities Commission of the State of California

**Subject: Request for Waiver of Penalties for Failure to Meet January 2022
Local Resource Adequacy Procurement Obligations**

I. Purpose

Pursuant to Decisions 06-06-064 and 19-06-026, Pacific Gas and Electric Company (PG&E) hereby submits this Advice Letter to request from the California Public Utilities Commission (Commission or CPUC) a waiver of penalties for failure to demonstrate in its January 2022 resource adequacy (RA) compliance filing (January 2022 Filing) that it has met its local RA procurement obligations in the Greater Bay Area local capacity area (LCA). In accordance with Decision 06-06-064, PG&E is submitting this Advice Letter at the same time it is submitting its January 2022 Monthly Compliance Filing.

II. Background

In Decision 06-06-064 and Decision 07-06-029, the Commission first established local RA procurement obligations and a penalty structure applicable when a load serving entity (LSE) fails to demonstrate in its required compliance filing that it has met its allocated local RA procurement obligations.¹ Anticipating that, despite commercially reasonable efforts, some LSEs may ultimately be unable to procure capacity necessary to meet local obligations due to limited availability in local areas, the Commission also adopted a waiver-of-penalties process. An LSE is able to request, at the time it files its local RA compliance showing, a waiver of penalties associated with its failure to demonstrate that it has met its local RA procurement obligation, if certain conditions are met.² The Commission found that this waiver process is “necessary as a market power mitigation measure.”³ If an LSE demonstrates that a waiver of penalties is justified, it will be obligated to pay for any backstop procurement, but it will not be penalized by the

¹ Decision 06-06-064, pp. 66-69, Conclusions of Law 24-26, Ordering Paragraph 1; Decision 07-06-029, pp. 37-38.

² Decision 06-06-064, pp. 71-74, Conclusions of Law 27-28, Ordering Paragraph 1.

³ Decision 06-06-064, p. 71.

Commission.⁴ In Decision 19-02-022, the Commission extended this waiver of penalties process to multiyear local RA procurement obligations.⁵

Initially, local RA penalty waiver requests were received and processed confidentially by Commission staff.⁶ In Decision 19-06-026, the Commission adopted local RA obligations for all LSEs for 2020-2022, and determined that the recent increase in local waiver requests necessitated establishment of a formal, transparent waiver review process.⁷ Accordingly, the Commission adopted a requirement that local RA penalty waiver requests be submitted via Tier 2 Advice Letter with service to the service list (in redacted form, if necessary) of the RA proceeding open at the time of the request.⁸

III. Waiver Request Requirements

Decision 06-06-064 sets forth the required contents of a waiver request,⁹ and Decision 19-06-026 provides an update to such required contents.¹⁰ Section 25 of the Commission's *2022 Filing Guide for System, Local and Flexible Resource Adequacy (RA) Compliance Filings*, issued October 18, 2021, includes these updated requirements, as follows:

The waiver process is as follows. An LSE requesting a waiver must make such request at the time it files its Local RAR compliance showing. The waiver request must include both of the following:

(1) a demonstration that the LSE reasonably and in good faith solicited bids for its RAR capacity needs along with accompanying information about the terms and conditions of the Request for Offer or other form of solicitation, and

(2) a demonstration that despite having actively pursued all commercially reasonable efforts to acquire the resources needed to meet the LSE's local procurement obligation, it either

(a) received no bids, or

(b) received no bids for an unbundled RA capacity contract of under \$51 per kW-year or for a bundled

⁴ Decision 06-06-064, p. 4.

⁵ Decision 19-02-022, p. 29, Ordering Paragraph 13.

⁶ Decision 19-06-026, p. 16.

⁷ Decision 19-06-026, Ordering Paragraphs 1-3, p. 17.

⁸ Decision 19-06-026, Ordering Paragraph 8.

⁹ Decision 06-06-064, pp. 72-73.

¹⁰ Decision 19-06-026, Ordering Paragraph 6.

capacity and energy product of under \$73 per kW-year, or

(c) received bids below these thresholds but such bids included what the LSE believes are unreasonable terms and/or conditions, in which case the waiver request must demonstrate why such terms and/or conditions are unreasonable.

These requirements are necessary, but are not necessarily a sufficient, condition for CPUC to grant waiver. The Commission will also consider other information brought to its attention regarding the reasonableness of the waiver request.¹¹

IV. PG&E's Waiver Request

Despite good faith, commercially reasonable efforts, PG&E is submitting a January 2022 Filing that demonstrates that PG&E has failed to meet the entirety of its local RA obligations for the January 2022 period. As described below, PG&E reasonably and in good faith issued several electronic solicitations and made all commercially reasonable efforts to meet its current local RA procurement obligations, but it was unable to close its short positions. Thus, PG&E requests a waiver of penalties for failure to make the required demonstration regarding local RA procurement obligations in the Greater Bay Area LCA.

A. PG&E reasonably and in good faith solicited bids for PG&E's local RA capacity needs

Below, PG&E provides a demonstration that it reasonably and in good faith solicited bids for its local RA capacity needs along with accompanying information about the terms and conditions of PG&E's electronic solicitations.

PG&E Solicitations for Capacity to Meet Local RA Procurement Obligations

PG&E undertook several electronic solicitations to fulfill its local procurement obligations for the 2022 compliance year. Specifically, the first was a Q3 Balance of Year and 2021-2023 Local RA Procurement Resource Adequacy Electronic Solicitation which sought to procure volumes in the Greater Bay Area LCA, as well as other LCAs. This solicitation was announced on April 6, 2020.

Subsequent solicitations also requested multi-year offers for PG&E to purchase the capacity needed in the Greater Bay Area LCA and other LCAs. These included the Q4 Balance of Year and 2021-2022 Local RA Procurement Resource Adequacy Electronic Solicitation (launched July 9, 2020), as well as a final solicitation with two phases. A

¹¹ 2022 Filing Guide for System, Local and Flexible Resource Adequacy (RA) Compliance Filings R.19-11-009, issued October 18, 2021, pp. 49-50.

Multi-Year Resource Adequacy Electronic Solicitation – Phase 1 was launched on August 11, 2020 for purchases and sales of Local, System, and Flexible RA, and Import Allocation Rights for the years 2021 through 2022.

On September 18, 2020, PG&E started Phase 2 of the 2020 Multi-Year RA Electronic Solicitation for the same products. On November 10, 2020, PG&E launched its February – December 2021 Resource Adequacy Electronic Solicitation that also included PG&E indicating an intent to purchase 2022 Local RA resources.

On January 11, 2021, PG&E launched its Q2 Balance of Year 2021 Resource Adequacy Electronic Solicitation that also included PG&E indicating an intent to purchase 2022 Local RA resources. On April 7, 2021, PG&E launched its Q3 Balance of Year 2021 Resource Adequacy Electronic Solicitation that also included PG&E indicating an intent to purchase 2022 Local RA resources. On July 8, 2021, PG&E launched its Q4 Balance of Year Solicitation that also included PG&E indicating an intent to purchase 2022 Local RA resources. On August 13, 2021, PG&E launched Phase 1 of its 2022 Annual RA solicitation that included Local RA as one of the products PG&E was interested in purchasing. On September 23, 2021, PG&E launched Phase 2 of this solicitation for the same products.

The documents associated with these solicitations can be found in Appendix A.

See the table below for a visual representation of these PG&E Electronic Solicitations.

Title of Solicitation	Date Launched	Term	Products Sought
Q3 Balance of Year + 2021-2023 Local RA Procurement Resource Adequacy Electronic Solicitation	April 6, 2020	July – December 2020	Buy, Sell, Simultaneous Buy/Sell System, Local, and Flexible RA Sell Import Allocation Rights Buy Import Energy
		2021-2023	Buy Local RA (Greater Bay Area LCA, and well as the other LCAs)
Q4 Balance of Year + 2021-2022 Local RA Procurement Resource Adequacy Electronic Solicitation	July 9, 2020	October – December 2020	Buy, Sell, Simultaneous Buy/Sell System, Local, and Flexible RA Sell Import Allocation Rights Buy Import Energy
		2021-2022	Buy Local RA (all LCAs)
Multi-Year Resource Adequacy Electronic Solicitation – Phase 1	August 11, 2020	2021	Buy, Sell, Simultaneous Buy/Sell System, Local, and Flexible RA Sell Import Allocation Rights Buy Import Energy
		2022	Buy, Sell, Simultaneous Buy/Sell Local RA (all LCAs)

Multi-Year Resource Adequacy Electronic Solicitation – Phase 2	September 18, 2020	2021	Buy, Sell, Simultaneous Buy/Sell System, Local, and Flexible RA Sell Import Allocation Rights Buy Import Energy
		2022	Buy, Sell, Simultaneous Buy/Sell Local RA (all LCAs)
February – December 2021 Resource Adequacy Electronic Solicitation	November 10, 2020	February – December 2021	Buy, Sell, Simultaneous Buy/Sell System, Local, and Flexible RA Sell Import Allocation Rights Buy Import Energy
		2022	Buy Local RA
Q2 Balance of Year 2021 Resource Adequacy Electronic Solicitation	January 11, 2021	April – December 2021	Buy, Sell, Simultaneous Buy/Sell System, Local, and Flexible RA Sell Import Allocation Rights Buy Import Energy
		2022	Buy Local RA
Q3 Balance of Year 2021 Resource Adequacy Electronic Solicitation	April 7, 2021	July – December 2021	Buy, Sell, Simultaneous Buy/Sell System, Local, and Flexible RA Sell Import Allocation Rights Buy Import Energy
		2022	Buy Local RA
Q4 Balance of Year 2021 Resource Adequacy Electronic Solicitation	July 8, 2021	October – December 2021	Buy, Sell, Simultaneous Buy/Sell System, Local, and Flexible RA Sell Import Allocation Rights Buy Import Energy
		2022	Buy Local RA
2022 Annual Resource Adequacy Electronic Solicitation – Phase 1	August 13, 2021	2022	Buy, Sell, Simultaneous Buy/Sell System, Local, and Flexible RA Sell Import Allocation Rights Buy Import Energy
2022 Annual Resource Adequacy Electronic Solicitation – Phase 2	September 23, 2021	2022	Buy, Sell, Simultaneous Buy/Sell System, Local, and Flexible RA Sell Import Allocation Rights Buy Import Energy

B. Despite having actively pursued all commercially reasonable efforts to acquire needed resources in the Greater Bay Area LCA, PG&E either received no bids, or received no bids under the specified thresholds

Below, PG&E provides a demonstration that, despite having actively pursued all commercially reasonable efforts to acquire the resources needed to meet its local procurement obligations in the Greater Bay Area LCA, PG&E either: (a) received no bids, or (b) received no bids for an unbundled RA capacity contract of under \$51 per kW-year or for a bundled capacity and energy product of under \$73 per kW-year.

Results

PG&E was able to procure capacity in each of the required LCAs. However, despite commercially reasonable efforts, PG&E was unable to procure to its full local RA obligations for the Greater Bay Area LCA.¹²

In the Greater Bay Area LCA, there were (a) suppliers who had no capacity to sell and therefore PG&E received no bids from those suppliers, or (b) suppliers that submitted bids to PG&E with prices that exceeded the applicable \$51 per kW-year or \$73 per kW-year thresholds. Detailed descriptions of PG&E's efforts to procure in the Greater Bay Area LCA, including descriptions of bids received, can be found in Appendix B.

C. Other information

In Decision 20-06-031, the CPUC adopted local RA requirements for the Greater Bay Area LCA for 2021 that are approximately 40% higher than the local RA requirement for the Greater Bay Area LCA adopted in 2019 for the 2020 compliance year.¹³ The large increase was due to the California Independent System Operator Corporation's (CAISO) local capacity requirements (LCR) study, which altered the previously utilized LCR criteria to consider a T-1-1 (i.e. loss of a transformer followed by the loss of second transformer) outage at the Metcalf 500 kV substation. PG&E explained in its comments to the CAISO's Draft LCR Study that this contingency should not be considered given PG&E's layered and robust strategy for addressing the loss of high voltage transformers at the Metcalf

¹² PG&E's results with respect to certain other LCAs are discussed separately in Advice Letter 6384-E, submitted concurrently herewith. In Advice Letter 6384-E, PG&E makes the required demonstration as part of the current local waiver process for its disaggregated PG&E Other local capacity requirements. Such demonstration is made in support of PG&E's utilization of the alternative compliance mechanism adopted by the Commission in Decision 20-06-031. Decision 20-06-031, p. 70, Ordering Paragraph 22. Advice Letter 6384-E is not styled as a request for waiver of penalties for failure to meet local RA procurement obligations in the PG&E Other LCA because PG&E has fulfilled its local RA procurement obligations in the six disaggregated PG&E Other LCAs pursuant to Ordering Paragraph 22 of Decision 20-06-031. Thus, no penalties are warranted with respect to the PG&E Other LCAs.

¹³ Decision 20-06-031, Ordering Paragraph 1.

substation and citing North American Electric Reliability Corporation standards and Federal Energy Regulatory Commission Order 693.¹⁴ Though the Commission acknowledged that the significant increase in Greater Bay Area LCA LCR was “concerning”¹⁵ and declined to adopt its results for the Greater Bay Area LCA for 2022 or 2023 RA requirements, the Commission did ultimately adopt the 2021 requirements for the Greater Bay Area LCA based off of the CAISO’s LCR study in order to “avoid creating a disconnect between setting local RA requirements for 2021 and CAISO’s 2021 backstop decisions.”¹⁶ The Commission later adopted the CAISO’s 2022 LCR Study that continued to use the new LCR criteria.¹⁷ This significantly increased requirement continued to greatly reduce the amount of excess capacity in the Greater Bay Area LCA for the 2022 compliance year, as shown in the table below.

Greater Bay Area LCA Supply & Requirement		
Year	Sum of August NQC¹⁸ (MW)	Local Requirement¹⁹ (MW)
2020	6906.15	4550
2022	7277.68	7231

When the excess capacity in a LCA is reduced, transactional friction can become more impactful with respect to an LSE’s ability to meet its local RA requirements.

V. Confidentiality Treatment

In support of this Advice Letter, PG&E has provided the confidential information in Appendix B. This information is being submitted in the manner directed by Decision 08-04-023, the August 22, 2006 Administrative Law Judge’s Ruling Clarifying Interim Procedures for Complying with Decision 06-06-066, General Order 66-D, and the “Second Revised Protective Order Regarding Confidentiality of Market Sensitive Load and Resource Data and Information” (SRPO) that ALJ Wetzell issued in his March 1, 2007 ruling to demonstrate the confidentiality of the material and to invoke the protection of confidential utility information provided under the SRPO and applicable law, including California Public Utilities Code Section 454.5(g), or the Investor Owned Utility Matrix,

¹⁴ R.19-11-009, *Comments of Pacific Gas and Electric Company (U 39 E) on the Draft 2021 Local Capacity Technical Study*, dated April 17, 2020, pp. 2-5.

¹⁵ Decision 20-06-031, p. 14.

¹⁶ *Id.*, p. 16.

¹⁷ D. 21-06-029

¹⁸ Summed by local area, per 2020 and 2022 NQC list issued by CPUC on September 27, 2019 and October 13, 2021, respectively. 2020 NQC List from September 27, 2019 is no longer available on the CPUC website. The 2022 NQC List can be found at <<https://www.cpuc.ca.gov/-/media/cpuc-website/divisions/energy-division/documents/resource-adequacy-compliance-materials/cpuc-final-net-qualifying-capacity-report-for-compliance-year-2022-13oct21.xls>>

¹⁹ 2020 Requirement was established in Decision 19-06-026, p. 7 and 2022 Requirement was established in Decision 21-06-029, p. 9.

Appendix 1 of Decision 06-06-066 and Appendix C of Decision 08-04-023. Separate Declarations Seeking Confidential Treatment are being submitted concurrently with this Advice Letter.

VI. Protests

*****Due to the COVID-19 pandemic, PG&E is currently unable to receive protests or comments to this advice letter via U.S. mail or fax. Please submit protests or comments to this advice letter to EDTariffUnit@cpuc.ca.gov and PGETariffs@pge.com*****

Anyone wishing to protest this submittal may do so by letter sent via U.S. mail, facsimile or E-mail 20 days after the date of this submittal. Per Rule 1.15 of the Rules of Practice and Procedure of the CPUC, for filing days that fall on a Saturday, Sunday, holiday, or other days when the Commission offices are closed, the time limit is extended to include the first day thereafter. As such, protests to this submittal are due no later than December 7, 2021.

Protests must be submitted to:

CPUC Energy Division
ED Tariff Unit
505 Van Ness Avenue, 4th Floor
San Francisco, California 94102

Facsimile: (415) 703-2200
E-mail: EDTariffUnit@cpuc.ca.gov

Copies of protests also should be mailed to the attention of the Director, Energy Division, Room 4004, at the address shown above.

The protest shall also be sent to PG&E either via E-mail or U.S. mail (and by facsimile, if possible) at the address shown below on the same date it is mailed or delivered to the Commission:

Sidney Bob Dietz II
Director, Regulatory Relations
c/o Megan Lawson
Pacific Gas and Electric Company
77 Beale Street, Mail Code B13U
P.O. Box 770000
San Francisco, California 94177

Facsimile: (415) 973-3582
E-mail: PGETariffs@pge.com

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, telephone number, postal address, and (where appropriate) 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).

VII. Effective Date

PG&E requests that this Tier 2 advice letter become effective on regular notice, December 17, 2021 which is 30 calendar days after the date of submittal.

VIII. Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list and the parties on the service lists for R.19-11-009 and R. 21-10-002. 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

Attachments:

Appendix A: Market Notices for PG&E's Electronic Solicitations

Appendix B: PG&E's Procurement Efforts in Greater Bay Area LCA (Redacted)

cc: Service List R.19-11-009, R.21-10-002



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 (ID U39E)

Utility type:

- ELC GAS WATER
 PLC HEAT

Contact Person: Kimberly Loo

Phone #: (415)973-4587

E-mail: PGETariffs@pge.com

E-mail Disposition Notice to: KELM@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) #: 6409-E

Tier Designation: 2

Subject of AL: Request for Waiver of Penalties for Failure to Meet January 2022 Local Resource Adequacy Procurement Obligations

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.06-06-064, D.19-06-026

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:

Confidential treatment requested? Yes No

If yes, specification of confidential information: See Confidentiality Declaration and Matrix
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: Scott Ranzal, scott.ranzal@pge.com

Resolution required? Yes No

Requested effective date: 12/17/21

No. of tariff sheets: 0

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

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

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

Tariff schedules affected: N/A

Service affected and changes proposed¹: N/A

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

¹Discuss in AL if more space is needed.

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

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

Name: Sidney Bob Dietz II, c/o Megan Lawson
Title: Director, Regulatory Relations
Utility Name: Pacific Gas and Electric Company
Address: 77 Beale Street, Mail Code B13U
City: San Francisco, CA 94177
State: California Zip: 94177
Telephone (xxx) xxx-xxxx: (415)973-2093
Facsimile (xxx) xxx-xxxx: (415)973-3582
Email: PGETariffs@pge.com

Name:
Title:
Utility Name:
Address:
City:
State: District of Columbia Zip:
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

**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, Scott Ranzal, am the Director of Portfolio Management of Pacific Gas and Electric Company (“PG&E”), a California corporation. Fong Wan, the Senior Vice President for Energy Policy and Procurement of PG&E, delegated authority to me to sign this declaration. My business office is located at:

Pacific Gas and Electric Company
77 Beale Street, Mail Code 25A
San Francisco, CA 94105

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.
3. Title and description of document(s): Confidential Appendix B to Advice Letter 6409-E: PG&E Procurement Efforts in the Greater Bay Area LCA.
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 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>	
<input checked="" 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>	<p>Appendix B;</p> <p>Attachments 1-9</p>
<input type="checkbox"/>	<p>Physical facility, cyber-security sensitive, or critical energy 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</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)

Appendix B;
 Attachments 1-9



Other categories where disclosure would be against the public interest (Govt. Code § 6255(a))

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 15st day of November, 2021 at San Francisco, California.

/s/

 Scott Ranzal
 Director, Portfolio Management
 Pacific Gas and Electric Company

PACIFIC GAS AND ELECTRIC COMPANY (U 39 E)

ADVICE LETTER 6409-E
 ATTACHMENT TO DECLARATION
 November 15, 2021

ATTACHMENT NAME	DOCUMENT NAME	CATEGORY OF CONFIDENTIALITY	LOCATION
Confidential Appendix B	PG&E Procurement Efforts in The Greater Bay LCA	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 (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)	Grey shading in Appendix B, Attachments 1-2
Confidential Appendix B	PG&E Procurement Efforts in The Greater Bay Area LCA	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)	Grey shading in Appendix B, Grey shading in Attachments 1-2

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

PACIFIC GAS AND ELECTRIC COMPANY

**DECLARATION OF SCOTT RANZAL
SEEKING CONFIDENTIAL TREATMENT
FOR CERTAIN DATA AND INFORMATION CONTAINED
IN ADVICE LETTER 6409-E**

I, Scott Ranzal, declare:

1. I am the Director of Portfolio Management within Energy Policy and Procurement at Pacific Gas and Electric Company (PG&E). In this position, my responsibilities include oversight of commercial activities and interactions with market participants related to Resource Adequacy. This declaration is based on my personal knowledge of PG&E's practices and my understanding of the Commission's decisions protecting the confidentiality of market-sensitive information.

2. Based on my knowledge and experience, and in accordance with the Decisions 06-06-066, 08-04-023, and relevant Commission rules, I make this declaration seeking confidential treatment for certain data and information provided to the Commission's Energy Division on November 15, 2021.

3. Attached to this declaration is a matrix identifying the data and information for which PG&E is seeking confidential treatment. The matrix specifies that the material PG&E is seeking to protect constitutes confidential market sensitive data and information covered by D.06-06-066 and Public Utilities Code §454.5(g). The attached matrix also specifies why confidential protection is justified. Further, the data and information: (1) is not already public; and (2) cannot be aggregated, redacted, summarized or otherwise protected in a way that allows partial disclosure. By this reference, I am incorporating into this declaration all of the explanatory text that is pertinent to my declaration in the attached matrix.

I declare under penalty of perjury, under the laws of the State of California, that the foregoing is true and correct. Executed on November 15, 2021 at San Francisco, California.

/s/

Scott Ranzal
Director, Portfolio Management
Pacific Gas and Electric Company

ATTACHMENT B

PACIFIC GAS AND ELECTRIC COMPANY (U 39 E)

**Advice 6409-E
November 15, 2021**

IDENTIFICATION OF PROCUREMENT-RELATED CONFIDENTIAL INFORMATION

Redaction Reference	Category from D.06-06-066, Appendix 1, or Separate Confidentiality Statute or Order That Data Corresponds To	Justification for Confidential Treatment	Length of Time Data To Be Kept Confidential
Document:			
Grey shading in Appendix B – Attach1-Attach9	Section VIII) A) – Bid Information	<p>Confidential bid information from solicitation e.g., participating bids, counterparty names, prices and quantities offered.</p> <p>Information includes PG&E’s confidential sales and procurement needs for Resource Adequacy (RA) products which directly informs PG&E’s RA strategies to buy and sell in the market. Any disclosure of PG&E’s sales and procurement strategies is market sensitive, and if released, this information could cause harm to PG&E’s customers and put PG&E at an unfair business disadvantage.</p>	Three years
Grey shading in Appendix B – Attach1-Attach9	Public Utilities Code §454.5(g)	<p>Confidential bid information from solicitation e.g., participating bids, counterparty names, prices and quantities offered.</p> <p>Information includes PG&E’s confidential sales and procurement needs for Resource Adequacy (RA) products which directly informs PG&E’s RA strategies to buy and sell in the market. Any disclosure of PG&E’s sales and procurement strategies is market sensitive, and if released, this information could cause harm to PG&E’s customers and put PG&E at an unfair business disadvantage.</p>	Three years

PACIFIC GAS AND ELECTRIC COMPANY

Appendix A

Market Notices for PG&E's Electronic Solicitations

Attachment 1

RA Solicitations

From: RA_Solicitations
Sent: Wednesday, October 27, 2021 2:25 PM
To: RA_Solicitations
Subject: RE: PG&E PRG Information | PG&E 2020 Balance of Year RA and Import Energy, and 2021-2023 RA E-Solicitation

From: RA_Solicitations <RASolicitations@pge.com>
Sent: Monday, April 06, 2020 4:26 PM
To: RA_Solicitations <RASolicitations@pge.com>
Cc: Charles.Janecek@PACONSULTING.COM
Subject: PG&E 2020 Balance of Year RA and Import Energy, and 2021-2023 RA E-Solicitation

To Prospective Participant:

Pacific Gas and Electric Company (“PG&E”) invites your participation in its Resource Adequacy (“RA”) and Import Energy Electronic Solicitation.

PG&E is seeking the following proposals:

Product ID	Product	PG&E Seeking to:	Minimum Volume	Delivery Period	Pricing
1	Local/System RA ^{a, b}	Buy, Sell, Simultaneous Buy/Sell	1 MW	July-Dec 2020	Fixed Price \$/kW-month
2	Local RA	Buy	1 MW	Jan 2021-Dec 2023	Fixed Price \$/kW-month
3	Import Allocation Rights	Sell	1 MW	July-Dec 2020	Fixed Price \$/kW-month
4	Import Energy ^c	Buy	25 MW	Aug-Oct 2020	CAISO LMP, ICE Index, or Fixed Price \$/MWh

Notes:

- PG&E is only accepting same-month offers for sale / bids to purchase (*i.e.*, **simultaneous PG&E buys/PG&E sells**).
- With respect to local for 2020, PG&E is specifically interested in procuring capacity in the Kern local capacity area.
- PG&E prefers to transact Import Energy with prices indexed to CAISO LMP. PG&E will also consider offers with prices indexed to ICE or with fixed prices.

All responses are due **Wednesday, April 15 by 5:00pm Pacific Prevailing Time (“PPT”)** at the latest. However, PG&E encourages all participants to submit offers and bids in advance of this deadline.

This email describes the schedule and process by which participants may submit offers and bids, and under which PG&E will evaluate all offers and bids submitted. PG&E, at its sole discretion, may change the terms, requirements, and schedule of this Electronic Solicitation.

1. Master Agreement and Confirmations

PG&E will transact RA and IAR products under an EEI Master Agreement. The executed Master Agreement shall govern transactions entered into pursuant to this Electronic Solicitation, including transaction details agreed to in any RA or IAR Confirmation Agreement (“Confirmation”).

PG&E’s accompanying Confirmations set forth the terms and conditions to create and define the Products to be transacted. The Confirmations requires participants to comply with the RA requirements as implemented by both the California Public Utilities Commission and the California Independent System Operator. The Confirmation is specific to transactions executed under an EEI Master Agreement with a PG&E Collateral Annex, and, as such, successful participants must have an EEI Master Agreement with a PG&E Collateral Annex in place with PG&E prior to execution of an unmodified Confirmation in this Electronic Solicitation. Modification of the Confirmation may be necessary for those participants without a PG&E Collateral Annex.

Import Energy offers should be for WSPP Schedule C firm energy.

PG&E seeks to include the following language in Import Energy Confirmations:

Any energy associated with a Real Time schedule interruption due to an Uncontrollable Force, consistent with provision C-3.7(b) of the WSPP Service Schedule C for Firm Capacity/Energy Sale or Exchange shall be deemed “Undelivered Energy”. PG&E deems CAISO overscheduling on paths as Uncontrollable Force. The contract quantity shall be reduced by the amount of any Undelivered Energy for settlement purposes.

The Parties agree that the following provisions of the Master Agreement shall not be applicable to this Confirmation or Transactions hereunder: Section 22.1(c), Section 27, and the final paragraph of Section 37 (or, if transacting under the EEI Agreement, Sections 5.1(d), 5.1(e), 5.1(f), 10.2(v), 10.2(vi), 10.2(x), and 10.10). Notwithstanding anything to the contrary contained herein, with respect to Buyer: Seller acknowledges and agrees that the existence or continuation of Buyer’s Chapter 11 bankruptcy cases pending before the United States Bankruptcy Court for the Northern District of California (Case Nos. 19-30088 (DM) and 19-30089 (DM)) is not an Event of Default with respect to Buyer under the Master Agreement and does not entitle Seller to terminate the Master Agreement or this Confirmation solely because of such existence or continuation.

2. Submitting Offers and Bids

Participants should submit the Offer and Bid Form. If seeking to transact Import Energy, participants should also include an Import Energy Confirmation which incorporates the language from Section 1 above. PG&E will not consider material changes to its RA or IAR confirmations issued with this solicitation.

All offers included in the Offer and Bid Form should be submitted with final pricing. PG&E will not be conducting a price refresh as part of this solicitation. PG&E will consider offers and bids final.

Offers and bids must be submitted via e-mail to the PGE RA Solicitations mailbox (RASolicitations@pge.com), with a copy to the Independent Evaluator Charles Janecek (Charles.Janecek@PACONSULTING.COM) by the deadline indicated in Table 1. Telephonic, hardcopy, or facsimile transmission of an offer or bid is not acceptable. PG&E will not be responsible for any unsuccessful transmittals.

3. Schedule for Offers and Bids

The table below provides the tentative schedule for this Electronic Solicitation, which is subject to change at PG&E's discretion.

Table 1

Event	Target Deadline
PG&E launches e-solicitation	Monday 4/6
Offers and Bids due	Wednesday 4/15 5pm PPT
PG&E notifies participants of shortlist status	Friday 4/24
Deadline for notified shortlisted participants to accept shortlist status and final volumes	Monday 4/27 12 pm PPT
Deadline for return of partially executed confirmation(s)	Tuesday 4/28 EOD
Target full execution of confirmations	Friday 5/1 EOD

4. Contact Information

Questions regarding this solicitation and process should be addressed to the PGE RA Solicitations mailbox RASolicitations@pge.com.

5. Disclaimers

This Electronic Solicitation does not constitute an offer for sale or bid to purchase and creates no obligation to execute any agreement or to enter into any transaction. Any transactions are subject to PG&E management approval and execution of final documents. PG&E shall retain the right at any time, in its sole discretion, to reject any offer or bid and/or modify, suspend or cancel this Electronic Solicitation, for any reason whatsoever, without prior notification to Participants and without liability of any kind to, or responsibility of, PG&E or anyone acting on PG&E's behalf.

Thank you for your consideration of this Electronic Solicitation.

Kind regards,

PG&E

Attachment 2

RA Solicitations

From: RA_Solicitations
Sent: Wednesday, October 27, 2021 2:05 PM
To: RA_Solicitations
Subject: RE: PG&E 2020 Balance of Year RA and Import Energy, and 2021-2022 RA E-Solicitation

From: RA_Solicitations <RASolicitations@pge.com>
Sent: Thursday, July 09, 2020 4:30 PM
To: RA_Solicitations <RASolicitations@pge.com>
Cc: charles.janacek@pacconsulting.com
Subject: PG&E 2020 Balance of Year RA and Import Energy, and 2021-2022 RA E-Solicitation

To Prospective Participant:

Pacific Gas and Electric Company ("PG&E") invites your participation in its Resource Adequacy ("RA") and Import Energy Electronic Solicitation.

PG&E is seeking the following proposals:

Product ID	Product	PG&E Seeking to:	Minimum Volume	Delivery Period	Pricing
1	Local/System RA ^a	Buy, Sell, Simultaneous Buy/Sell	1 MW	Oct-Dec 2020	Fixed Price \$/kW-month
2	Local RA	Buy	1 MW	Jan 2021-Dec 2022	Fixed Price \$/kW-month
3	Import Allocation Rights	Sell	1 MW	Oct-Dec 2020	Fixed Price \$/kW-month
4	Import Energy ^b	Buy	25 MW	Oct-Dec 2020	CAISO LMP, ICE Index, or Fixed Price \$/MWh

Notes:

- PG&E is interested in simultaneous purchase/sale transactions in the same delivery month. (*i.e.*, **simultaneous PG&E buys/PG&E sells**).
- PG&E's preference is to transact Import Energy indexed to CAISO LMP, but will consider offers for ICE Indexed or Fixed Prices transactions too.

All responses are due **Wednesday, July 15 by 5:00pm Pacific Prevailing Time ("PPT")** at the latest. However, PG&E encourages all participants to submit offers and bids in advance of this deadline.

This email describes the schedule and process by which participants may submit offers and bids, and under which PG&E will evaluate all offers and bids submitted. PG&E, at its sole discretion, may change the terms, requirements, and schedule of this Electronic Solicitation.

1. Master Agreement and Confirmations

PG&E will transact RA and IAR products under an EEI Master Agreement. The executed Master Agreement shall govern transactions entered into pursuant to this Electronic Solicitation, including transaction details agreed to in any RA or IAR Confirmation Agreement (“Confirmation”).

PG&E’s will provide RA and IAR Confirmations at a later date that set forth the terms and conditions to create and define the Products to be transacted. The Confirmations requires participants to comply with the RA requirements as implemented by both the California Public Utilities Commission and the California Independent System Operator. The Confirmation is specific to transactions executed under an EEI Master Agreement with a PG&E Collateral Annex, and, as such, successful participants must have an EEI Master Agreement with a PG&E Collateral Annex in place with PG&E prior to execution of an unmodified Confirmation in this Electronic Solicitation. Modification of the Confirmation may be necessary for those participants without a PG&E Collateral Annex.

Import Energy offers should be for WSPP Schedule C firm energy.

PG&E seeks to include the following language in Import Energy Confirmations:

Any energy associated with a Real Time schedule interruption due to an Uncontrollable Force, consistent with provision C-3.7(b) of the WSPP Service Schedule C for Firm Capacity/Energy Sale or Exchange shall be deemed “Undelivered Energy”. PG&E deems CAISO overscheduling on paths as Uncontrollable Force. The contract quantity shall be reduced by the amount of any Undelivered Energy for settlement purposes.

2. Submitting Offers and Bids

Participants should submit the Offer and Bid Form. If seeking to transact Import Energy, participants should also include an Import Energy Confirmation which incorporates the language from Section 1 above. PG&E will not consider material changes to its RA or IAR confirmations issued with this solicitation.

All offers included in the Offer and Bid Form should be submitted with final pricing. PG&E will not be conducting a price refresh as part of this solicitation. PG&E will consider offers and bids final.

Offers and bids must be submitted via e-mail to the PGE RA Solicitations mailbox (RASolicitations@pge.com), with a copy to the Independent Evaluator Charles Janecek (Charles.Janecek@PACONSULTING.COM) by the deadline indicated in Table 1. Telephonic, hardcopy, or facsimile transmission of an offer or bid is not acceptable. PG&E will not be responsible for any unsuccessful transmittals.

3. Schedule for Offers and Bids

The table below provides the tentative schedule for this Electronic Solicitation, which is subject to change at PG&E's discretion.

Table 1

Event	Target Deadline
PG&E launches e-solicitation	Thursday 7/9
Offers and Bids due	Wednesday 7/15 5pm PPT
PG&E notifies participants of shortlist status	Wednesday 7/22
Deadline for notified shortlisted participants to accept shortlist status and final volumes	Thursday 7/23 5pm PPT
Deadline for return of partially executed confirmation(s)	Wednesday 7/29 EOD
Target full execution of confirmations	Friday 7/31 EOD

4. Contact Information

Questions regarding this solicitation and process should be addressed to the PGE RA Solicitations mailbox RASolicitations@pge.com.

5. Disclaimers

This Electronic Solicitation does not constitute an offer for sale or bid to purchase and creates no obligation to execute any agreement or to enter into any transaction. Any transactions are subject to PG&E management approval and execution of final documents. PG&E shall retain the right at any time, in its sole discretion, to reject any offer or bid and/or modify, suspend or cancel this Electronic Solicitation, for any reason whatsoever, without prior notification to Participants and without liability of any kind to, or responsibility of, PG&E or anyone acting on PG&E's behalf.

Thank you for your consideration of this Electronic Solicitation.

Kind regards,

PG&E

Attachment 3

RA Solicitations

To: Wecker, Alan
Subject: RE: PG&E 2020 Multi-Year RA Solicitation - Phase 1

From: RA_Solicitations <RASolicitations@pge.com>
Sent: Tuesday, August 11, 2020 5:41 PM
To: RA_Solicitations <RASolicitations@pge.com>
Cc: Charles Janecek <Charles.Janecek@PACONSULTING.COM>
Subject: PG&E 2020 Multi-Year RA Solicitation - Phase 1

To Prospective Participant:

Pacific Gas and Electric Company ("PG&E") invites your participation in its Resource Adequacy ("RA") and Import Energy Electronic Solicitation.

PG&E is seeking the following proposals:

Product ID	Product	PG&E is Seeking to	Minimum Volume	Delivery Period	Pricing
1	System RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Jan 2021 – Dec 2021	Fixed Price \$/kW-month
2	Local RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Jan 2021-Dec 2022	Fixed Price \$/kW-month
3	Import Allocation Rights	Sell	1 MW	Jan-Dec 2021	Fixed Price \$/kW-month
4	Import Energy *	Buy	5 MW	Jan-Dec 2021	CAISO LMP, ICE Index, or Fixed Price \$/MWh

**PG&E's preference is to transact Import Energy indexed to CAISO LMP, but PG&E will consider offers for ICE Indexed or Fixed Prices transactions too.*

All responses are due **Tuesday, August 18 by 5:00pm Pacific Prevailing Time ("PPT")** at the latest. However, PG&E encourages all participants to submit offers and bids in advance of this deadline.

This email describes the schedule and process by which participants may submit offers and bids, and under which PG&E will evaluate all offers and bids submitted. PG&E, at its sole discretion, may change the terms, requirements, and schedule of this Electronic Solicitation.

1. Master Agreement and Confirmations

PG&E will transact RA and IAR products under an EEI Master Agreement. The executed Master Agreement shall govern transactions entered into pursuant to this Electronic Solicitation, including transaction details agreed to in any RA or IAR Confirmation Agreement ("Confirmation").

PG&E’s provides the attached RA and IAR Confirmations that set forth the terms and conditions to create and define the Products to be transacted. The Confirmations requires participants to comply with the RA requirements as implemented by both the California Public Utilities Commission and the California Independent System Operator. The Confirmation is specific to transactions executed under an EEI Master Agreement with a PG&E Collateral Annex, and, as such, successful participants must have an EEI Master Agreement with a PG&E Collateral Annex in place with PG&E prior to execution of an unmodified Confirmation in this Electronic Solicitation. Modification of the Confirmation may be necessary for those participants without a PG&E Collateral Annex.

Import Energy offers should be for WSPP Schedule C firm energy.

PG&E seeks to include the following language in Import Energy Confirmations:

Any energy associated with a Real Time schedule interruption due to an Uncontrollable Force, consistent with provision C-3.7(b) of the WSPP Service Schedule C for Firm Capacity/Energy Sale or Exchange shall be deemed “Undelivered Energy”. PG&E deems CAISO overscheduling on paths as Uncontrollable Force. The contract quantity shall be reduced by the amount of any Undelivered Energy for settlement purposes.

Any Import Energy transaction must be compliant with CPUC decision D.20-06-028. PG&E will discuss necessary requirements with interested sellers.

2. Submitting Offers and Bids

Participants should submit the Offer and Bid Form. If seeking to transact Import Energy, participants should also include an Import Energy Confirmation which incorporates the language from Section 1 above. PG&E will not consider material changes to its RA or IAR confirmations issued with this solicitation.

All offers included in the Offer and Bid Form should be submitted with final pricing. PG&E will not be conducting a price refresh as part of this solicitation. PG&E will consider offers and bids final.

Offers and bids must be submitted via e-mail to the PGE RA Solicitations mailbox (RASolicitations@pge.com), with a copy to the Independent Evaluator Charles Janecek (Charles.Janecek@PACONSULTING.COM) by the deadline indicated in Table 1. Telephonic, hardcopy, or facsimile transmission of an offer or bid is not acceptable. PG&E will not be responsible for any unsuccessful transmittals.

3. Schedule for Offers and Bids

The table below provides the tentative schedule for this Electronic Solicitation, which is subject to change at PG&E's discretion.

Table 1

Event	Target Deadline
PG&E launches e-solicitation	Tuesday 8/11
Offers and Bids due	Tuesday 8/18 5pm PPT
PG&E consults with its PRG regarding its proposed shortlist.	Thursday 8/27
PG&E notifies participants of shortlist status *	Monday 8/31
Deadline for notified shortlisted participants to accept shortlist status and final volumes	Tuesday 9/1 5pm PPT
Deadline for return of partially executed confirmation(s)	Thursday 9/10 EOD
Target full execution of confirmations	Friday 9/11 EOD

** PG&E may delay the shortlisting date as well as all subsequent dates based on the availability of initial Net Qualifying Capacity values.*

4. Contact Information

Questions regarding this solicitation and process should be addressed to the PGE RA Solicitations mailbox RASolicitations@pge.com.

5. Disclaimers

This Electronic Solicitation does not constitute an offer for sale or bid to purchase and creates no obligation to execute any agreement or to enter into any transaction. Any transactions are subject to PG&E management approval and execution of final documents. PG&E shall retain the right at any time, in its sole discretion, to reject any offer or bid and/or modify, suspend or cancel this Electronic Solicitation, for any reason whatsoever, without prior notification to Participants and without liability of any kind to, or responsibility of, PG&E or anyone acting on PG&E's behalf.

Thank you for your consideration of this Electronic Solicitation.

Kind regards,

PG&E

Attachment 4

RA Solicitations

To: Wecker, Alan
Subject: RE: PG&E PRG Information | PG&E 2020 Multi-Year RA Solicitation - Phase 2

From: RA_Solicitations <RASolicitations@pge.com>
Sent: Friday, September 18, 2020 4:46 PM
To: RA_Solicitations <RASolicitations@pge.com>
Cc: Charles Janecek <Charles.Janecek@PACONSULTING.COM>
Subject: PG&E 2020 Multi-Year RA Solicitation - Phase 2

To Prospective Participant:

Pacific Gas and Electric Company ("PG&E") invites your participation in its Resource Adequacy ("RA") and Import Energy Electronic Solicitation.

PG&E is seeking the following proposals:

Product ID	Product	PG&E is Seeking to	Minimum Volume	Delivery Period	Pricing
1	System RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Jan 2021 – Dec 2021	Fixed Price \$/kW-month
2	Local RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Jan 2021-Dec 2022	Fixed Price \$/kW-month
3	Import Allocation Rights	Sell	1 MW	Jan-Dec 2021	Fixed Price \$/kW-month
4	Import Energy *	Buy	5 MW	Jan-Dec 2021	CAISO LMP, ICE Index, or Fixed Price \$/MWh

**PG&E's preference is to transact Import Energy indexed to CAISO LMP, but PG&E will consider offers for ICE Indexed or Fixed Prices transactions too.*

The deadline to submit a response is 5:00 pm (PPT), 2 business days after the final NQC list is published by the CAISO. PG&E reserves the right to distribute an updated solicitation timeline to participants when more information is available.

This email describes the schedule and process by which participants may submit offers and bids, and under which PG&E will evaluate all offers and bids submitted. PG&E, at its sole discretion, may change the terms, requirements, and schedule of this Electronic Solicitation.

1. Master Agreement and Confirmations

PG&E will transact RA and IAR products under an EEI Master Agreement. The executed Master Agreement shall govern transactions entered into pursuant to this Electronic Solicitation, including transaction details agreed to in any RA or IAR Confirmation Agreement ("Confirmation").

PG&E’s provides the attached RA and IAR Confirmations that set forth the terms and conditions to create and define the Products to be transacted. The Confirmations requires participants to comply with the RA requirements as implemented by both the California Public Utilities Commission and the California Independent System Operator. The Confirmation is specific to transactions executed under an EEI Master Agreement with a PG&E Collateral Annex, and, as such, successful participants must have an EEI Master Agreement with a PG&E Collateral Annex in place with PG&E prior to execution of an unmodified Confirmation in this Electronic Solicitation. Modification of the Confirmation may be necessary for those participants without a PG&E Collateral Annex.

Import Energy offers should be for WSPP Schedule C firm energy.

PG&E seeks to include the following language in Import Energy Confirmations:

Any energy associated with a Real Time schedule interruption due to an Uncontrollable Force, consistent with provision C-3.7(b) of the WSPP Service Schedule C for Firm Capacity/Energy Sale or Exchange shall be deemed “Undelivered Energy”. PG&E deems CAISO overscheduling on paths as Uncontrollable Force. The contract quantity shall be reduced by the amount of any Undelivered Energy for settlement purposes.

Any Import Energy transaction must be compliant with CPUC decision D.20-06-028. PG&E will discuss necessary requirements with interested sellers.

2. Submitting Offers and Bids

Participants should submit the Offer and Bid Form. If seeking to transact Import Energy, participants should also include an Import Energy Confirmation which incorporates the language from Section 1 above. PG&E will not consider material changes to its RA or IAR confirmations issued with this solicitation.

Please note a few PG&E changes to the Offer and Bid Form functionality. For RA, the allowable count per mutually exclusive group increases from 3 to 6, and the maximum number of groups allowed increases to 10. PG&E has also added the ability to use mutually exclusive groups for import allocation rights.

All offers included in the Offer and Bid Form should be submitted with final pricing. PG&E will not be conducting a price refresh as part of this solicitation. PG&E will consider offers and bids final.

Offers and bids must be submitted via e-mail to the PGE RA Solicitations mailbox (RASolicitations@pge.com), with a copy to the Independent Evaluator Charles Janecek (Charles.Janecek@PACONSULTING.COM) by the deadline indicated in Table 1. Telephonic, hardcopy, or facsimile transmission of an offer or bid is not acceptable. PG&E will not be responsible for any unsuccessful transmittals.

3. Schedule for Offers and Bids

The table below provides the tentative schedule for this Electronic Solicitation, which is subject to change at PG&E's discretion.

Table 1

Event	Target Deadline
PG&E launches e-solicitation	Friday 9/18
Offers and Bids due	5 pm (PPT), 2 Business Days after Final NQC list publication
PG&E consults with its PRG regarding its proposed shortlist.	+ 4 Business Days
PG&E notifies participants of shortlist status	+ 2 Business Days
Deadline for notified shortlisted participants to accept shortlist status and final volumes, and return partially executed confirmation(s)	+ 2 Business Days

4. Contact Information

Questions regarding this solicitation and process should be addressed to the PGE RA Solicitations mailbox RASolicitations@pge.com, with a copy to the Independent Evaluator Charles Janecek (Charles.Janecek@PACONSULTING.COM).

5. Disclaimers

This Electronic Solicitation does not constitute an offer for sale or bid to purchase and creates no obligation to execute any agreement or to enter into any transaction. Any transactions are subject to PG&E management approval and execution of final documents. PG&E shall retain the right at any time, in its sole discretion, to reject any offer or bid and/or modify, suspend or cancel this Electronic Solicitation, for any reason whatsoever, without prior notification to Participants and without liability of any kind to, or responsibility of, PG&E or anyone acting on PG&E's behalf.

Thank you for your consideration of this Electronic Solicitation.

Kind regards,

PG&E

Attachment 5

Peng, Jessica

From: RA_Solicitations
Sent: Tuesday, November 10, 2020 6:04 PM
To: RA_Solicitations
Cc: Charles Janecek
Subject: PG&E RA and Import Energy E-Solicitation
Attachments: EEI Import Allocation Rights Confirm.docx; EEI RA Confirm.docx

To Prospective Participant:

Pacific Gas and Electric Company (“PG&E”) invites your participation in its Resource Adequacy (“RA”) and Import Energy Electronic Solicitation.

PG&E is seeking the following proposals:

Product	PG&E is Seeking to	Minimum Volume	Delivery Period	Pricing
System RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Feb 2021 – Dec 2021	Fixed Price \$/kW-month
Local RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Feb 2021 –Dec 2021 PG&E will also entertain proposals to sell to PG&E for 2022	Fixed Price \$/kW-month
Import Allocation Rights (IARs)	Sell	1 MW	Feb – Dec 2021	Fixed Price \$/kW-month
Import Energy *	Buy	5 MW	Feb – Dec 2021	CAISO LMP, ICE Index, or Fixed Price \$/MWh

**PG&E’s preference is to transact Import Energy indexed to CAISO LMP, but PG&E will consider offers for ICE Indexed or Fixed Prices transactions too.*

The deadline to submit a response is 5:00 pm (PPT), Tuesday, November 17, 2020.

This email describes the schedule and process by which participants may submit offers and bids, and under which PG&E will evaluate all offers and bids submitted. PG&E, at its sole discretion, may change the terms, requirements, and schedule of this Electronic Solicitation.

1. Master Agreement and Confirmations

PG&E will transact RA and IAR products under an EEI Master Agreement. The executed Master Agreement shall govern transactions entered into pursuant to this Electronic Solicitation, including transaction details agreed to in any RA or IAR Confirmation Agreement (“Confirmation”).

PG&E’s provides the attached RA and IAR Confirmations that set forth the terms and conditions to create and define the Products to be transacted. The Confirmations require participants to comply with the RA requirements as implemented by both the California Public Utilities Commission and the California Independent System Operator. The Confirmation is specific to transactions executed under an EEI Master Agreement with a PG&E Collateral Annex, and, as such, successful participants must have an EEI Master Agreement with a PG&E Collateral Annex in place with PG&E prior to execution of an unmodified Confirmation in this Electronic Solicitation. Modification of the Confirmation may be necessary for those participants without a PG&E Collateral Annex.

Import Energy offers should be for WSPP Schedule C firm energy.

PG&E seeks to include the following language in Import Energy Confirmations:

Any energy associated with a Real Time schedule interruption due to an Uncontrollable Force, consistent with provision C-3.7(b) of the WSPP Service Schedule C for Firm Capacity/Energy Sale or Exchange shall be deemed “Undelivered Energy”. PG&E deems CAISO overscheduling on paths as Uncontrollable Force. The contract quantity shall be reduced by the amount of any Undelivered Energy for settlement purposes.

Any Import Energy transaction must be compliant with CPUC decision D.20-06-028. PG&E will discuss necessary requirements with interested sellers.

2. Submitting Offers and Bids

PG&E will circulate the Offer and Bid form to all participants later this week. Interested participants should submit the Offer and Bid Form. If seeking to transact Import Energy, participants should also include an Import Energy Confirmation which incorporates the language from Section 1 above. PG&E will not consider material changes to its RA or IAR confirmations issued with this solicitation.

All bids and offers for RA or IARs included in the Offer and Bid Form should be submitted with final pricing. PG&E will not be conducting a price refresh for those products as part of this solicitation. PG&E will consider RA and IAR offers and bids final. PG&E may consider refreshed pricing for Import Energy offers, especially if those offers are fixed price.

Offers and bids must be submitted via e-mail to the PGE RA Solicitations mailbox (RASolicitations@pge.com), with a copy to the Independent Evaluator Charles Janecek (Charles.Janecek@PACONSULTING.COM) by the deadline indicated in Table 1. Telephonic, hardcopy, or facsimile transmission of an offer or bid is not acceptable. PG&E will not be responsible for any unsuccessful transmittals.

3. Schedule for Offers and Bids

The table below provides the tentative schedule for this Electronic Solicitation, which is subject to change at PG&E's discretion.

Table 1

Event	Target Deadline
PG&E launches e-solicitation	Tuesday 11/10
Offers and Bids due	5 pm (PPT) Tuesday, 11/17
PG&E consults with its PRG regarding its proposed shortlist.	Friday, 11/20
PG&E notifies participants of shortlist status	Tuesday, 11/24
Deadline for notified shortlisted participants to accept shortlist status and final volumes, and return partially executed confirmation(s)	Monday, 11/30
Target full execution of confirmations	Friday, 12/4

4. Contact Information

Questions regarding this solicitation and process should be addressed to the PGE RA Solicitations mailbox RASolicitations@pge.com, with a copy to the Independent Evaluator Charles Janecek (Charles.Janecek@PACONSULTING.COM).

5. Disclaimers

This Electronic Solicitation does not constitute an offer for sale or bid to purchase and creates no obligation to execute any agreement or to enter into any transaction. Any transactions are subject to PG&E management approval and execution of final documents. PG&E shall retain the right at any time, in its sole discretion, to reject any offer or bid and/or modify, suspend or cancel this Electronic Solicitation, for any reason whatsoever, without prior notification to Participants and without liability of any kind to, or responsibility of, PG&E or anyone acting on PG&E's behalf.

Thank you for your consideration of this Electronic Solicitation.

Kind regards,

PG&E

Attachment 6

RA Solicitations

From: RA_Solicitations
Sent: Wednesday, October 27, 2021 2:03 PM
To: RA_Solicitations
Subject: RE: PG&E PRG Information | PG&E RA and Import Energy E-Solicitation

From: RA_Solicitations <RASolicitations@pge.com>
Sent: Monday, January 11, 2021 2:56 PM
To: RA_Solicitations <RASolicitations@pge.com>
Cc: charles.janecek@paconsulting.com
Subject: PG&E RA and Import Energy E-Solicitation

To Prospective Participant:

Pacific Gas and Electric Company (“PG&E”) invites your participation in its Resource Adequacy (“RA”) and Import Energy Electronic Solicitation.

PG&E is seeking the following proposals:

Product	PG&E is Seeking to	Minimum Volume	Delivery Period	Pricing
System RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Apr – Dec 2021	Fixed Price \$/kW-month
Local RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Apr – Dec 2021 PG&E will also consider proposals to sell to PG&E for 2022	Fixed Price \$/kW-month
Import Allocation Rights (IARs)	Sell	1 MW	Apr – Dec 2021	Fixed Price \$/kW-month
Import Energy *	Buy	5 MW	Apr – Dec 2021	CAISO LMP, ICE Index, or Fixed Price \$/MWh

**PG&E’s preference is to transact Import Energy indexed to CAISO LMP, but PG&E will consider offers for ICE Indexed or Fixed Prices transactions too.*

The deadline to submit a response is 5:00 pm (PPT), Thursday, January 14, 2021.

This email describes the schedule and process by which participants may submit offers and bids, and under which PG&E will evaluate all offers and bids submitted. PG&E, at its sole discretion, may change the terms, requirements, and schedule of this Electronic Solicitation.

1. Master Agreement and Confirmations

PG&E will transact RA and IAR products under an EEI Master Agreement. The executed Master Agreement shall govern transactions entered into pursuant to this Electronic Solicitation, including transaction details agreed to in any RA or IAR Confirmation Agreement (“Confirmation”).

PG&E provides the attached RA and IAR Confirmations that set forth the terms and conditions to create and define the Products to be transacted. The Confirmations requires participants to comply with the RA requirements as implemented by both the California Public Utilities Commission and the California Independent System Operator. The Confirmation is specific to transactions executed under an EEI Master Agreement with a PG&E Collateral Annex, and, as such, successful participants must have an EEI Master Agreement with a PG&E Collateral Annex in place with PG&E prior to execution of an unmodified Confirmation in this Electronic Solicitation. Modification of the Confirmation may be necessary for those participants without a PG&E Collateral Annex.

Import Energy offers should be for WSPP Schedule C firm energy.

PG&E seeks to include the following language in Import Energy Confirmations:

Any energy associated with a Real Time schedule interruption due to an Uncontrollable Force, consistent with provision C-3.7(b) of the WSPP Service Schedule C for Firm Capacity/Energy Sale or Exchange shall be deemed “Undelivered Energy”. PG&E deems CAISO overscheduling on paths as Uncontrollable Force. The contract quantity shall be reduced by the amount of any Undelivered Energy for settlement purposes.

Any Import Energy transaction must be compliant with CPUC decision D.20-06-028. PG&E will discuss necessary requirements with interested sellers.

2. Submitting Offers and Bids

Interested participants should submit the Offer and Bid Form. If seeking to transact Import Energy, participants should also include an Import Energy Confirmation which incorporates the language from Section 1 above. PG&E will not consider material changes to its RA or IAR confirmations issued with this solicitation.

All bids and offers for RA or IARs included in the Offer and Bid Form should be submitted with final pricing. PG&E will not be conducting a price refresh for those products as part of this solicitation. PG&E will consider RA and IARs offers and bids final. PG&E may consider refreshed pricing for Import Energy offers, especially if those offers are fixed price.

Offers and bids must be submitted via e-mail to the PGE RA Solicitations mailbox (RASolicitations@pge.com), with a copy to the Independent Evaluator Charles Janecek (Charles.Janecek@PACONSULTING.COM) by the deadline indicated in Table 1. Telephonic, hardcopy, or facsimile transmission of an offer or bid is not acceptable. PG&E will not be responsible for any unsuccessful transmittals.

3. Schedule for Offers and Bids

The table below provides the tentative schedule for this Electronic Solicitation, which is subject to change at PG&E's discretion.

Table 1

Event	Target Deadline
PG&E launches e-solicitation	Monday, 1/11
Offers and Bids due	5 pm (PPT) Thursday, 1/14
PG&E notifies participants of shortlist status	Monday, 1/25
Deadline for notified shortlisted participants to accept shortlist status and final volumes, and return partially executed confirmation(s)	Tuesday, 1/26
Target full execution of confirmations	Wednesday, 2/3

4. Contact Information

Questions regarding this solicitation and process should be addressed to the PGE RA Solicitations mailbox RASolicitations@pge.com, with a copy to the Independent Evaluator Charles Janecek (Charles.Janecek@PACONSULTING.COM).

5. Disclaimers

This Electronic Solicitation does not constitute an offer for sale or bid to purchase and creates no obligation to execute any agreement or to enter into any transaction. Any transactions are subject to PG&E management approval and execution of final documents. PG&E shall retain the right at any time, in its sole discretion, to reject any offer or bid and/or modify, suspend or cancel this Electronic Solicitation, for any reason whatsoever, without prior notification to Participants and without liability of any kind to, or responsibility of, PG&E or anyone acting on PG&E's behalf.

Thank you for your consideration of this Electronic Solicitation.

Kind regards,

PG&E

Attachment 7

From: [RA Solicitations](#)
To: [RA Solicitations](#)
Cc: charles.janecek@paconsulting.com
Subject: PG&E RA and Import Energy E-Solicitation
Date: Wednesday, April 7, 2021 2:15:50 PM
Attachments: [EEI Import Allocation Rights Confirm.docx](#)
[EEI RA Confirm.docx](#)
[Bid Offer Form.xlsb](#)

To Prospective Participant:

Pacific Gas and Electric Company (“PG&E”) invites your participation in its Resource Adequacy (“RA”) and Import Energy Electronic Solicitation (“E-Solicitation”) via this Market Notice.

PG&E is seeking the following proposals:

Product	PG&E is Seeking to	Minimum Volume	Delivery Period	Pricing
System RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Jul – Dec 2021	Fixed Price \$/kW-month
Local RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Jul – Dec 2021 PG&E will also consider proposals to sell to PG&E for 2022	Fixed Price \$/kW-month
Import Allocation Rights (IARs)	Buy, Sell, Simultaneous Buy/Sell	1 MW	Jul – Dec 2021	Fixed Price \$/kW-month
Import Energy *	Buy	5 MW	Jul – Dec 2021	CAISO LMP, ICE Index, or Fixed Price \$/MWh

**PG&E’s preference is to transact Import Energy indexed to CAISO LMP, but PG&E will consider offers for Fixed Prices or ICE Indexed transactions too.*

The deadline to submit a response is 5:00 pm (PPT), Wednesday, April 14, 2021.

This Market Notice describes the schedule and process by which participants may submit offers and bids, and under which PG&E will evaluate all offers and bids submitted. PG&E, at its sole discretion, may change the terms, requirements, and schedule of this Electronic Solicitation.

1. RA and IAR Master Agreement and Confirmations

PG&E will transact RA and IAR products under an EEI Master Agreement. The executed Master Agreement shall govern transactions entered into pursuant to this Electronic Solicitation, including transaction details agreed to in any RA or IAR Confirmation Agreement (“Confirmation”). If a

successful participant does not have an executed EEI Master Agreement in place with PG&E at the time of shortlist acceptance, additional time may be required to execute an EEI Master Agreement prior to execution of any Confirmation(s).

PG&E provides the attached RA and IAR Confirmations that set forth the terms and conditions to create and define the Products to be transacted. The Confirmations require participants to comply with the RA requirements as implemented by both the California Public Utilities Commission and the California Independent System Operator (“CAISO”). The Confirmation is specific to transactions executed under an EEI Master Agreement with a PG&E Collateral Annex, and, as such, successful participants must have an EEI Master Agreement with a PG&E Collateral Annex in place with PG&E prior to execution of an unmodified Confirmation in this Electronic Solicitation. Modification of the Confirmation may be necessary for those participants without a PG&E Collateral Annex.

2. Import Energy Confirmation

Import Energy offers should be for WSPP Schedule C firm energy.

PG&E seeks to include the following language in Import Energy Confirmations:

Any energy associated with a Real Time schedule interruption due to an Uncontrollable Force, consistent with provision C-3.7(b) of the WSPP Service Schedule C for Firm Capacity/Energy Sale or Exchange shall be deemed “Undelivered Energy”. PG&E deems CAISO overscheduling on paths as Uncontrollable Force. The contract quantity shall be reduced by the amount of any Undelivered Energy for settlement purposes.

Seller hereby agrees that the Product is not sourced from resources internal to the CAISO Balancing Authority Area. Buyer shall have no obligation to accept any energy sourced from resources internal to the CAISO Balancing Authority Area, and any such energy shall not be considered Product.

CAISO Balancing Authority Area refers to the collection of generation, transmission, and loads within the metered boundaries of the California Independent System Operator Corporation.

3. Submitting Offers and Bids

Interested participants should submit the Offer and Bid Form. If seeking to transact Import Energy, participants should also include an Import Energy Confirmation which incorporates the language from Section 2 above. PG&E will not consider material changes to its RA or IAR confirmations issued with this solicitation.

All bids and offers for RA or IARs included in the Offer and Bid Form should be submitted with final pricing. PG&E will not be conducting a price refresh for those products as part of this solicitation. PG&E will consider RA and IARs offers and bids final. PG&E may consider refreshed pricing for Import Energy offers, especially if those offers are fixed price.

Offers and bids must be submitted via e-mail to the PGE RA Solicitations mailbox (RASolicitations@pge.com), with a copy to the Independent Evaluator Charles Janecek (Charles.Janecek@PACONSULTING.COM) by the deadline indicated in Table 1. Telephonic, hardcopy,

or facsimile transmission of an offer or bid is not acceptable. PG&E will not be responsible for any unsuccessful transmittals.

4. Schedule for Offers and Bids

The table below provides the tentative schedule for this Electronic Solicitation, which is subject to change at PG&E's discretion.

Table 1

Event	Target Deadline
PG&E launches E-solicitation	Wednesday, 4/7
Offers and Bids due	5 pm (PPT) Wednesday, 4/14
PG&E notifies participants of shortlist status	Tuesday, 4/27
Deadline for notified shortlisted participants to accept shortlist status and final volumes, and return partially executed confirmation(s)	Wednesday, 4/28
Target full execution of confirmations	Friday, 5/7

5. Contact Information

Questions regarding this Electronic Solicitation and process should be addressed to the PGE RA Solicitations mailbox RASolicitations@pge.com, with a copy to the Independent Evaluator Charles Janecek (Charles.Janecek@PACONSULTING.COM).

6. Disclaimers

This Electronic Solicitation does not constitute an offer for sale or bid to purchase and creates no obligation to execute any agreement or to enter into any transaction. Any transactions are subject to PG&E management approval and execution of final documents. PG&E shall retain the right at any time, in its sole discretion, to reject any offer or bid and/or modify, suspend or cancel this Electronic Solicitation, for any reason whatsoever, without prior notification to Participants and without liability of any kind to, or responsibility of, PG&E or anyone acting on PG&E's behalf.

Thank you for your consideration of this Electronic Solicitation.

Kind regards,

PG&E

Attachment 8

From: [RA Solicitations](#)
To: [RA Solicitations](#)
Subject: FW: PG&E RA and Import Energy E-Solicitation
Date: Friday, December 24, 2021 11:24:51 AM
Attachments: [Offer and Bid Form.xlsb](#)

From: RA_Solicitations <RASolicitations@pge.com>
Sent: Thursday, July 8, 2021 5:38 PM
To: RA_Solicitations <RASolicitations@pge.com>
Cc: PGE_IE@PACONSULTING.COM
Subject: RE: PG&E RA and Import Energy E-Solicitation

To Prospective Participant:

This email includes follow on information regarding PG&E's RA and Import Energy Electronic Solicitation ("E-Solicitation") launched earlier today. Attached to this email is the Offer and Bid Form for PG&E's RA and Import Energy E-Solicitation.

Again, thank you for your consideration of this E-Solicitation and please reach out if any issues arise with receiving and opening the Offer and Bid Form.

Kind regards,

PG&E

From: RA_Solicitations <[RASolicitations@pge.com](#)>
Sent: Thursday, July 8, 2021 5:32 PM
To: RA_Solicitations <[RASolicitations@pge.com](#)>
Cc: [PGE_IE@PACONSULTING.COM](#)
Subject: PG&E RA and Import Energy E-Solicitation

To Prospective Participant:

Pacific Gas and Electric Company ("PG&E") invites your participation in its Resource Adequacy ("RA") and Import Energy Electronic Solicitation ("E-Solicitation") via this Market Notice.

PG&E is seeking the following proposals:

Product	PG&E is Seeking to	Minimum Volume	Delivery Period	Pricing
System RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Oct – Dec 2021	Fixed Price \$/kW-month
Local RA	Buy, Sell, Simultaneous	1 MW	Oct – Dec 2021	Fixed Price \$/kW-month

	Buy/Sell		PG&E will also consider proposals to sell to PG&E for 2022	
Import Allocation Rights (IARs)	Sell	1 MW	Oct – Dec 2021	Fixed Price \$/kW-month
Import Energy *	Buy	5 MW	Oct – Dec 2021	CAISO LMP, ICE Index, or Fixed Price \$/MWh

**PG&E’s preference is to transact Import Energy indexed to CAISO LMP, but PG&E will consider offers for Fixed Prices or ICE Indexed transactions too.*

The deadline to submit a response is 5:00 pm (PPT), Thursday, July 15, 2021.

This Market Notice describes the schedule and process by which participants may submit offers and bids, and under which PG&E will evaluate all offers and bids submitted. PG&E, at its sole discretion, may change the terms, requirements, and schedule of this E-Solicitation.

1. RA and IAR Master Agreement and Confirmations

PG&E will transact RA and IAR products under an EEI Master Agreement. The executed Master Agreement shall govern transactions entered into pursuant to this Electronic Solicitation, including transaction details agreed to in any RA or IAR Confirmation Agreement (“Confirmation”). If a successful participant does not have an executed EEI Master Agreement in place with PG&E at the time of shortlist acceptance, additional time may be required to execute an EEI Master Agreement prior to execution of any Confirmation(s).

PG&E provides the attached RA and IAR Confirmations that set forth the terms and conditions to create and define the Products to be transacted. The Confirmations require participants to comply with the RA requirements as implemented by both the California Public Utilities Commission and the California Independent System Operator (“CAISO”). The Confirmation is specific to transactions executed under an EEI Master Agreement with a PG&E Collateral Annex, and, as such, successful participants must have an EEI Master Agreement with a PG&E Collateral Annex in place with PG&E prior to execution of an unmodified Confirmation in this Electronic Solicitation. Modification of the Confirmation may be necessary for those participants without a PG&E Collateral Annex.

2. Import Energy Confirmation

Import Energy offers should be for WSPP Schedule C firm energy.

PG&E seeks to include the following language in Import Energy Confirmations:

Any energy associated with a Day Ahead or Real Time schedule interruption due to an Uncontrollable Force, consistent with provision C-3.7(b) of the WSPP Service Schedule C for Firm Capacity/Energy Sale or Exchange shall be deemed “Undelivered Energy”. PG&E deems CAISO overscheduling on paths as Uncontrollable Force. The contract quantity shall be

reduced by the amount of any Undelivered Energy for settlement purposes.

Seller hereby agrees that the Product is not sourced from resources internal to the CAISO Balancing Authority Area. Buyer shall have no obligation to accept any energy sourced from resources internal to the CAISO Balancing Authority Area, and any such energy shall not be considered Product.

CAISO Balancing Authority Area refers to the collection of generation, transmission, and loads within the metered boundaries of the California Independent System Operator Corporation.

3. Submitting Offers and Bids

Interested participants should submit the Offer and Bid Form. PG&E has received some reports of firewall software blocking receipt of the Offer and Bid Form. **Therefore, the form will be delivered in a separate email following the market notice.** If you wish to participate in the solicitation and do not receive this second notice, please contact PG&E at RASolicitations@pge.com.

If seeking to transact Import Energy, participants should also include an Import Energy Confirmation which incorporates the language from Section 2 above. PG&E will not consider material changes to its RA or IAR confirmations issued with this solicitation.

All bids and offers for RA or IARs included in the Offer and Bid Form should be submitted with final pricing. PG&E will not be conducting a price refresh for those products as part of this solicitation. PG&E will consider RA and IARs offers and bids final. PG&E may consider refreshed pricing for Import Energy offers, especially if those offers are fixed price.

Offers and bids must be submitted via e-mail to the PGE RA Solicitations mailbox (RASolicitations@pge.com), with a copy to the Independent Evaluator Charles Janecek (PGE_IE@PACONSULTING.COM) by the deadline indicated in Table 1 below. Telephonic, hardcopy, or facsimile transmission of an offer or bid is not acceptable. PG&E will not be responsible for any unsuccessful transmittals.

4. Schedule for Offers and Bids

The table below provides the tentative schedule for this E-Solicitation, which is subject to change at PG&E's discretion.

Table 1

Event	Target Deadline
PG&E launches E-solicitation	Thursday, 7/8
Offers and Bids due	5 pm (PPT) Thursday, 7/15
PG&E notifies participants of shortlist status	Monday, 8/2
Deadline for notified shortlisted participants to accept shortlist status and final volumes, and return partially executed confirmation(s)	Tuesday, 8/3
Target full execution of confirmations	Wednesday, 8/11

5. Contact Information

Questions regarding this Electronic Solicitation and process should be addressed to the PGE RA Solicitations mailbox RASolicitations@pge.com, with a copy to the Independent Evaluator Charles Janecek (PGE_IE@PACONSULTING.COM).

6. Disclaimers

This Electronic Solicitation does not constitute an offer for sale or bid to purchase and creates no obligation to execute any agreement or to enter into any transaction. Any transactions are subject to PG&E management approval and execution of final documents. PG&E shall retain the right at any time, in its sole discretion, to reject any offer or bid and/or modify, suspend or cancel this Electronic Solicitation, for any reason whatsoever, without prior notification to Participants and without liability of any kind to, or responsibility of, PG&E or anyone acting on PG&E's behalf.

Thank you for your consideration of this Electronic Solicitation.

Kind regards,

PG&E

Attachment 9

RA Solicitations

From: RA_Solicitations
Sent: Wednesday, October 27, 2021 2:34 PM
To: RA_Solicitations
Subject: PG&E PRG Information | PG&E RA and Import Energy E-Solicitation

From: RA_Solicitations <RASolicitations@pge.com>
Sent: Wednesday, October 27, 2021 2:01 PM
To: RA_Solicitations <RASolicitations@pge.com>
Subject: RE: PG&E PRG Information | PG&E RA and Import Energy E-Solicitation

From: RA_Solicitations <RASolicitations@pge.com>
Sent: Friday, August 13, 2021 5:00 PM
To: RA_Solicitations <RASolicitations@pge.com>
Cc: PGE_IE@PACONSULTING.COM
Subject: PG&E RA and Import Energy E-Solicitation

To Prospective Participant:

Pacific Gas and Electric Company (“PG&E”) invites your participation in the first phase of its **2022 Annual Resource Adequacy (“RA”) and Import Energy Electronic Solicitation (“E-Solicitation”)** via this Market Notice. As part of this solicitation PG&E is also soliciting bids for resource specific RA from its Tree Mortality units. Please see below for further details.

The deadline to submit a response is 5:00 pm (PPT), Friday, August 20, 2021, unless subsequently modified by PG&E. Refer to section four below for circumstances in which PG&E may modify the timeline.

This Market Notice describes the schedule and process by which participants may submit offers and bids, and under which PG&E will evaluate all offers and bids submitted. PG&E, at its sole discretion, may change the terms, requirements, and schedule of this E-Solicitation.

PG&E is seeking the following proposals:

RA Capacity, Import Rights, and Import Energy

Product	PG&E is Seeking to	Minimum Volume	Delivery Period	Pricing
System RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Jan – Dec 2022	Fixed Price \$/kW-month
Local RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Jan – Dec 2022	Fixed Price \$/kW-month

Import Allocation Rights (IARs)	Sell	1 MW	Jan – Dec 2022	Fixed Price \$/kW-month
Import Energy *	Buy	5 MW	Jan – Dec 2022	CAISO LMP, ICE Index, or Fixed Price \$/MWh

*PG&E's preference is to transact Import Energy indexed to CAISO LMP, but PG&E will consider offers for Fixed Prices or ICE Indexed transactions too.

RA Capacity Sales from Tree Mortality (TM) Units (details below)

Product	Generator	PG&E is Seeking to	MINIMUM VOLUME ¹	CONTRACT DELIVERY PERIOD			Pricing
				START DATE	END DATE	DELIVERY PERIOD	
Generic System RA	Burney Forest Products	Sell	29 MW	11/01/2022	10/31/2027	Monthly	Fixed Price \$/kW-month
Generic System RA	Wheelabrator Shasta	Sell	34 MW	01/01/2023	11/30/2027	Monthly	Fixed Price \$/kW-month
Sierra Local RA	Woodland Biomass	Sell	25 MW	01/01/2022	08/31/2026	Monthly	Fixed Price \$/kW-month

Quantities are based on the lessor of the 2021 Net Qualifying Capacity (NQC) and the TM contract quantities. Quantities will be adjusted for 2022-2027 when updated NQCs are available.

Pursuant to Commission issued Decision 18-12-003 establishing a methodology for calculating a non-bypassable charge for costs associated with certain tree mortality biomass energy procurement, PG&E is issuing its 2021 Tree Mortality Non-Bypassable Charge Resource Adequacy Sales ("TM NBC RA Sales") Solicitation for the sale of Resource Adequacy. To be considered for these products, please use the separate TMRA bid form, and submit by the response deadline in Table 1. Please note that only bids for the full contract quantity and term of one or more facilities is allowed.

1. RA and IAR Master Agreement and Confirmations

PG&E will transact RA and IAR products under an EEI Master Agreement. The executed Master Agreement shall govern transactions entered into pursuant to this Electronic Solicitation, including transaction details agreed to in any RA or IAR Confirmation Agreement ("Confirmation"). If a successful participant does not have an executed EEI Master Agreement in place with PG&E at the time of shortlist acceptance, additional time may be required to execute an EEI Master Agreement prior to execution of any Confirmation(s).

PG&E provides the attached RA and IAR Confirmations that set forth the terms and conditions to create and define the Products to be transacted. The Confirmations require participants to comply with the RA requirements as implemented by both the California Public Utilities Commission and the California Independent System Operator ("CAISO"). The Confirmation is specific to transactions executed under an EEI Master Agreement with a PG&E Collateral Annex, and, as such, successful participants must have an EEI Master Agreement with a PG&E Collateral Annex in place with PG&E prior to execution of an unmodified Confirmation in this Electronic Solicitation. Modification of the Confirmation may be necessary for those participants without a PG&E Collateral Annex.

2. Import Energy Confirmation

Import Energy offers should be for WSPP Schedule C firm energy.

PG&E seeks to include the following language in Import Energy Confirmations:

Any energy associated with a Day Ahead or Real Time schedule interruption due to an Uncontrollable Force, consistent with provision C-3.7(b) of the WSPP Service Schedule C for Firm Capacity/Energy Sale or Exchange shall be deemed “Undelivered Energy”. PG&E deems CAISO overscheduling on paths as Uncontrollable Force. The contract quantity shall be reduced by the amount of any Undelivered Energy for settlement purposes.

Seller hereby agrees that the Product is not sourced from resources internal to the CAISO Balancing Authority Area. Buyer shall have no obligation to accept any energy sourced from resources internal to the CAISO Balancing Authority Area, and any such energy shall not be considered Product.

CAISO Balancing Authority Area refers to the collection of generation, transmission, and loads within the metered boundaries of the California Independent System Operator Corporation.

3. Tree Mortality RA (TMRA) Sales Confirmation

PG&E will only use the EEI Unit-Specific RA Confirmation of Agreement presented in Appendix D of [Advice Letter 5478-E](#) for any transactions resulting from the TM NBC RA Sales Solicitation. To be considered in this solicitation, bidders must have a fully executed EEI Master Agreement with a Collateral Annex in place with PG&E prior to submitting a bid. Please email RASolicitations@pge.com to request executable versions of the EEI Master Agreement and Collateral Annex if you would like to participate in the solicitation.

4. Submitting Offers and Bids

Interested participants should submit the Offer and Bid Form. PG&E has received some reports of firewall software blocking receipt of the Offer and Bid Form. **Therefore, the form will be delivered in a separate email following the market notice.** If you wish to participate in the solicitation and do not receive this second notice, please contact PG&E at RASolicitations@pge.com.

If seeking to transact Import Energy, participants should also include an Import Energy Confirmation which incorporates the language from Section 2 above. PG&E will not consider material changes to its RA or IAR confirmations issued with this solicitation.

All bids and offers for RA or IARs included in the Offer and Bid Form should be submitted with final pricing. PG&E will not be conducting a price refresh for those products as part of this solicitation. PG&E will consider RA and IARs offers and bids final. PG&E may consider refreshed pricing for Import Energy offers, especially if those offers are fixed price.

Offers and bids must be submitted via e-mail to the PGE RA Solicitations mailbox (RASolicitations@pge.com), with a copy to the Independent Evaluator Charles Janecek (PGE_IE@PACONSULTING.COM) by the deadline indicated in Table 1 below. Telephonic, hardcopy, or facsimile transmission of an offer or bid is not acceptable. PG&E will not be responsible for any unsuccessful transmittals.

5. Schedule for Offers and Bids

The table below provides the tentative schedule for this E-Solicitation, which is subject to change at PG&E's discretion.

Table 1

Event	Target Deadline
PG&E launches E-solicitation	Friday, 8/13
Offers and Bids due	5 pm (PPT) Friday, 8/20
PG&E notifies participants of shortlist status	Wednesday, 9/1

Deadline for notified shortlisted participants to accept shortlist status and final volumes	Thursday, 9/2
Target full execution of confirmations	Thursday, 9/16

If the CAISO has not released Draft 2022 Net Qualifying Capacity (NQC) values by Wednesday, August 18, PG&E may delay all the above deadlines on a day by day basis until the Draft 2022 NQCs have been released. PG&E retains the right to modify the schedule for other reasons unrelated to 2022 NQC values. In the event of any changes to the schedule, PG&E shall communicate those changes through a market notice sent in reply to this email. The email will include a new modified schedule.

Soon after the conclusion of this solicitation, PG&E plans to issue a second phase of its 2022 Annual RA and Import Energy E-Solicitation. This second phase will target execution before October 31, 2021.

6. Contact Information

Questions regarding this Electronic Solicitation and process should be addressed to the PGE RA Solicitations mailbox RASolicitations@pge.com, with a copy to the Independent Evaluator Charles Janecek (PGE_IE@PACONSULTING.COM).

7. Disclaimers

This Electronic Solicitation does not constitute an offer for sale or bid to purchase and creates no obligation to execute any agreement or to enter into any transaction. Any transactions are subject to PG&E management approval and execution of final documents. PG&E shall retain the right at any time, in its sole discretion, to reject any offer or bid and/or modify, suspend or cancel this Electronic Solicitation, for any reason whatsoever, without prior notification to Participants and without liability of any kind to, or responsibility of, PG&E or anyone acting on PG&E's behalf.

Thank you for your consideration of this Electronic Solicitation.

Kind regards,

PG&E

Attachment 10

RA Solicitations

From: RA_Solicitations
Sent: Wednesday, October 27, 2021 2:04 PM
To: RA_Solicitations
Subject: RE: PG&E PRG Information | RA and Import Energy E-Solicitation Email 1 of 2

From: RA_Solicitations <RASolicitations@pge.com>
Sent: Thursday, September 23, 2021 2:01 PM
To: RA_Solicitations <RASolicitations@pge.com>
Cc: PGE_IE@PACONSULTING.COM
Subject: PG&E RA and Import Energy E-Solicitation

To Prospective Participant:

Pacific Gas and Electric Company (“PG&E”) invites your participation in the second phase of its **2022 Annual Resource Adequacy (“RA”) and Import Energy Electronic Solicitation (“E-Solicitation”)** via this Market Notice. Please see below for further details.

The deadline to submit a response is 5:00 pm (PPT), Thursday, September 30, 2021, unless subsequently modified by PG&E. Refer to section four below for circumstances in which PG&E may modify the timeline.

This Market Notice describes the schedule and process by which participants may submit offers and bids, and under which PG&E will evaluate all offers and bids submitted. PG&E, at its sole discretion, may change the terms, requirements, and schedule of this E-Solicitation.

PG&E is seeking the following proposals:

RA Capacity, Import Rights, and Import Energy

Product	PG&E is Seeking to	Minimum Volume	Delivery Period	Pricing
System RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Jan – Dec 2022	Fixed Price \$/kW-month
Local RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Jan – Dec 2022	Fixed Price \$/kW-month
Import Allocation Rights (IARs)	Sell	1 MW	Jan – Dec 2022	Fixed Price \$/kW-month
Import Energy *	Buy	5 MW	Jan – Dec 2022	CAISO LMP, ICE Index, or Fixed Price \$/MWh

**PG&E’s preference is to transact Import Energy indexed to CAISO LMP, but PG&E will consider offers for Fixed Prices or ICE Indexed transactions too.*

1. RA and IAR Master Agreement and Confirmations

PG&E will transact RA and IAR products under an EEI Master Agreement. The executed Master Agreement shall govern transactions entered into pursuant to this E-Solicitation, including transaction details agreed to in any RA or IAR Confirmation Agreement (“Confirmation”). If a successful participant does not have an executed EEI Master Agreement in place with PG&E at the time of shortlist acceptance, additional time may be required to execute an EEI Master Agreement prior to execution of any Confirmation(s). PG&E will not consider material changes to its RA or IAR confirmations issued with this solicitation.

PG&E provides the attached RA and IAR Confirmations that set forth the terms and conditions to create and define the Products to be transacted. The Confirmations require participants to comply with the RA requirements as implemented by both the California Public Utilities Commission and the California Independent System Operator (“CAISO”). The Confirmation is specific to transactions executed under an EEI Master Agreement with a PG&E Collateral Annex, and, as such, successful participants must have an EEI Master Agreement with a PG&E Collateral Annex in place with PG&E prior to execution of an unmodified Confirmation in this E-Solicitation. Modification of the Confirmation may be necessary for those participants without a PG&E Collateral Annex.

2. Import Energy Confirmation

Import Energy offers should be for WSPP Schedule C firm energy.

PG&E seeks to include the following language in Import Energy Confirmations:

Any energy associated with a Day Ahead or Real Time schedule interruption due to an Uncontrollable Force, consistent with provision C-3.7(b) of the WSPP Service Schedule C for Firm Capacity/Energy Sale or Exchange shall be deemed “Undelivered Energy”. PG&E deems CAISO overscheduling on paths as Uncontrollable Force. The contract quantity shall be reduced by the amount of any Undelivered Energy for settlement purposes.

Seller hereby agrees that the Product is not sourced from resources internal to the CAISO Balancing Authority Area. Buyer shall have no obligation to accept any energy sourced from resources internal to the CAISO Balancing Authority Area, and any such energy shall not be considered Product.

CAISO Balancing Authority Area refers to the collection of generation, transmission, and loads within the metered boundaries of the California Independent System Operator Corporation.

3. Submitting Offers and Bids

Interested participants should submit the Offer and Bid Form. PG&E has received some reports of firewall software blocking receipt of the Offer and Bid Form. **Therefore, the form will be delivered in a separate email following the market notice.** If you wish to participate in the solicitation and do not receive this second notice, please contact PG&E at RASolicitations@pge.com.

If seeking to transact Import Energy, participants should also include an Import Energy Confirmation which incorporates the language from Section 2 above.

All bids and offers for RA or IARs included in the Offer and Bid Form should be submitted with final pricing. PG&E will not be conducting a price refresh for those products as part of this solicitation. PG&E will consider RA and IARs offers and bids final. PG&E may consider refreshed pricing for Import Energy offers, especially if those offers are fixed price.

Offers and bids must be submitted via e-mail to the PGE RA Solicitations mailbox (RASolicitations@pge.com), with a copy to the Independent Evaluator Charles Janecek (PGE_IE@PACONSULTING.COM) by the deadline indicated in Table 1

below. Telephonic, hardcopy, or facsimile transmission of an offer or bid is not acceptable. PG&E will not be responsible for any unsuccessful transmittals.

4. Schedule for Offers and Bids

The table below provides the tentative schedule for this E-Solicitation, which is subject to change at PG&E's discretion.

Table 1

Event	Target Deadline
PG&E launches E-solicitation	Thursday, 9/23
Offers and Bids due	5 pm (PPT) Thursday, 9/30
PG&E notifies participants of shortlist status	Wednesday, 10/13
Deadline for notified shortlisted participants to accept shortlist status and final volumes	Thursday, 10/14
Target full execution of confirmations	Friday, 10/22

Note: If the CAISO has not released Final 2022 Net Qualifying Capacity (NQC) values by Monday, September 27th, PG&E may delay all the above deadlines on a day by day basis until the Final 2022 NQCs have been released. PG&E retains the right to modify the schedule for other reasons unrelated to 2022 NQC values. In the event of any changes to the schedule, PG&E shall communicate those changes through a market notice sent in reply to this email. The email will include a new modified schedule.

6. Contact Information

Questions regarding this E-Solicitation and process should be addressed to the PGE RA Solicitations mailbox RASolicitations@pge.com, with a copy to the Independent Evaluator Charles Janecek (PGE_IE@PACONSULTING.COM).

7. Disclaimers

This E-Solicitation does not constitute an offer for sale or bid to purchase and creates no obligation to execute any agreement or to enter into any transaction. Any transactions are subject to PG&E management approval and execution of final documents. PG&E shall retain the right at any time, in its sole discretion, to reject any offer or bid and/or modify, suspend or cancel this E-Solicitation, for any reason whatsoever, without prior notification to Participants and without liability of any kind to, or responsibility of, PG&E or anyone acting on PG&E's behalf.

Thank you for your consideration of this E-Solicitation.

Kind regards,

PG&E

PACIFIC GAS AND ELECTRIC COMPANY

Appendix B

**PG&E's Procurement Efforts in Greater Bay Area
LCA**

(Redacted)

Appendix B: PG&E Procurement Efforts in Greater Bay Area LCA

PG&E has determined that it will be unable to meet its annual CPUC Local Resource Adequacy (RA) compliance requirements in one local area: Greater Bay Area. The following is a summary of all activities PG&E has taken to-date to close its CPUC compliance position.

Background on Commercial Activities

On April 6, 2020, when launching its Q3 Balance of Year and 2021-2023 Local RA Procurement RA Electronic Solicitation, PG&E included a statement indicating that the Utility was interested in RA Capacity from PG&E Local Areas in 2021-2023. [REDACTED]
[REDACTED]

On July 9, 2020, when launching its Q4 Balance of Year and 2021-2022 Local RA Procurement RA Electronic Solicitation, PG&E included a statement indicating that the Utility was interested in RA Capacity from PG&E Local Areas in 2021-2022. [REDACTED]
[REDACTED]

On August 11, 2020, when launching Phase 1 of its Multi-Year RA Electronic Solicitation, PG&E included a statement indicating that the Utility had a need in five local capacity areas (LCAs): Greater Bay Area, Kern, Stockton, Sierra and North Coast North Bay. [REDACTED]
[REDACTED]
[REDACTED]

On September 18, 2020, when launching Phase 2 of its Multi-Year RA Electronic Solicitation, PG&E included a statement indicating that the Utility was interested in RA Capacity from PG&E Local Areas in 2022. PG&E did not receive any Greater Bay Area Capacity offers in 2022. [REDACTED]
[REDACTED]
[REDACTED]

On November 10, 2020, when launching its February – December 2021 Balance of Year Resource Adequacy and Import Energy Electronic Solicitation, PG&E included a statement indicating that the Utility was interested in RA capacity from PG&E Local Areas for 2022. [REDACTED]
[REDACTED]
[REDACTED]

On January 11, 2021, when launching its Q2 2021 Balance of Year Resource Adequacy Electronic Solicitation, PG&E included a statement indicating that the Utility was interested in RA capacity from PG&E Local Areas for 2022. [REDACTED]

On April 7, 2021, when launching its Q3 2021 Balance of Year Resource Adequacy Electronic Solicitation, PG&E included a statement indicating that the Utility was interested in RA capacity from PG&E Local Areas for 2022. [REDACTED]

On July 8, 2021, when launching its Q4 2021 Balance of Year Resource Adequacy Electronic Solicitation, PG&E included a statement indicating that the Utility was interested in RA capacity from PG&E Local Areas for 2022. [REDACTED]

On August 13, 2021, when launching its first phase of the 2022 Annual Resource Adequacy Electronic Solicitation, PG&E included a statement indicating that the Utility was interested in RA capacity from PG&E Local Areas for 2022. [REDACTED]

On September 23, 2021, when launching its second phase of the 2022 Annual Resource Adequacy Electronic Solicitation, PG&E included a statement indicating that the Utility was interested in RA capacity from PG&E Local Areas for 2022. [REDACTED]

Over the past 2 years, PG&E has participated in numerous RFPs held by an IOU that holds Greater Bay Area Capacity in 2022. [REDACTED]

Below, PG&E summarizes communications and attaches supporting documentation for the Greater Bay Area LCA. For each section, evidence is organized into two categories, where PG&E received:

- No bids; and
- No bids for an unbundled RA capacity contract of under \$51 per kW-year (CPUC’s Local RA waiver trigger price) or for a bundled capacity and energy product of under \$73 per kW-year.

Greater Bay Area

- No bids

[REDACTED]

- No bids for an unbundled RA capacity contract of under \$51 per kW-year (CPUC’s Local RA waiver trigger price) or for a bundled capacity and energy product of under \$73 per kW-year

[REDACTED]

Attachment 1

From: PGE PRG Mailbox
Sent: Thursday, April 16, 2020 4:03 PM
To: [REDACTED]
Subject: FW: PG&E PRG Information | 2020 Balance of Year RA and Import Energy and 2021-2023 RA E-Sol - Bids and Offers Received
Attachments: Confidentiality_Declaration_2020 BoY RA Impt and 2021-2023 RA E-Sol Offers.docx; Confidentiality_Matrix_2020 BoY RA Impt and 2021-2023 RA E-Sol Offers.docx; 2020 Q3 through Balance of Year and 2021-2023 RA Solicitation - Offers and Bids Received CONFIDENTIAL.xlsx

From: PGE PRG Mailbox <PGEPRG@pge.com>

Sent: Thursday, April 16, 2020 4:02 PM

To: [REDACTED]

Cc: [REDACTED]

Subject: PG&E PRG Information | 2020 Balance of Year RA and Import Energy and 2021-2023 RA E-Sol - Bids and Offers Received

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Please Do Not Forward

Procurement Review Group,

Attached is the list of bids and offers received through April 15th for the 2020 Balance of Year RA and Import Energy and 2021-2023 RA Solicitation that was issued on April 6th.

PG&E anticipates sending a shortlist to the PRG by the end of Monday, April 20th, with comments due by 3pm PPT on Friday, April 24th. PG&E appreciates in advance the PRG's understanding of this timeline and participation in the e-solicitation process.

If you have any questions, contact [REDACTED] ([REDACTED]@pge.com) or [REDACTED] ([REDACTED]@pge.com).

From: PGE PRG Mailbox <PGEPRG@pge.com>

Sent: Monday, April 06, 2020 4:42 PM

To: [REDACTED]

Cc: [REDACTED]

Subject: PG&E PRG Information | PG&E 2020 Balance of Year RA and Import Energy, and 2021-2023 RA E-Solicitation

Procurement Review Group,

Please see the market notice below.

From: RA_Solicitations <RASolicitations@pge.com>

Sent: Monday, April 06, 2020 4:26 PM

To: RA_Solicitations <RASolicitations@pge.com>

Cc: Charles.Janecek@PACONSULTING.COM

Subject: PG&E 2020 Balance of Year RA and Import Energy, and 2021-2023 RA E-Solicitation

To Prospective Participant:

Pacific Gas and Electric Company (“PG&E”) invites your participation in its Resource Adequacy (“RA”) and Import Energy Electronic Solicitation.

PG&E is seeking the following proposals:

Product ID	Product	PG&E Seeking to:	Minimum Volume	Delivery Period	Pricing
1	Local/System RA ^{a, b}	Buy, Sell, Simultaneous Buy/Sell	1 MW	July-Dec 2020	Fixed Price \$/kW-month
2	Local RA	Buy	1 MW	Jan 2021-Dec 2023	Fixed Price \$/kW-month
3	Import Allocation Rights	Sell	1 MW	July-Dec 2020	Fixed Price \$/kW-month
4	Import Energy ^c	Buy	25 MW	Aug-Oct 2020	CAISO LMP, ICE Index, or Fixed Price \$/MWh

Notes:

- a) PG&E is only accepting same-month offers for sale / bids to purchase (*i.e.*, **simultaneous PG&E buys/PG&E sells**).
- b) With respect to local for 2020, PG&E is specifically interested in procuring capacity in the Kern local capacity area.
- c) PG&E prefers to transact Import Energy with prices indexed to CAISO LMP. PG&E will also consider offers with prices indexed to ICE or with fixed prices.

All responses are due **Wednesday, April 15 by 5:00pm Pacific Prevailing Time (“PPT”)** at the latest. However, PG&E encourages all participants to submit offers and bids in advance of this deadline.

This email describes the schedule and process by which participants may submit offers and bids, and under which PG&E will evaluate all offers and bids submitted. PG&E, at its sole discretion, may change the terms, requirements, and schedule of this Electronic Solicitation.

1. Master Agreement and Confirmations

PG&E will transact RA and IAR products under an EEI Master Agreement. The executed Master Agreement shall govern transactions entered into pursuant to this Electronic Solicitation, including transaction details agreed to in any RA or IAR Confirmation Agreement (“Confirmation”).

PG&E’s accompanying Confirmations set forth the terms and conditions to create and define the Products to be transacted. The Confirmations requires participants to comply with the RA requirements as implemented by both the California Public Utilities Commission and the California Independent System Operator. The Confirmation is specific to transactions executed under an EEI Master Agreement with a PG&E Collateral Annex, and, as such, successful participants must have an EEI Master Agreement with a PG&E Collateral Annex in place with PG&E prior to execution of an unmodified Confirmation in this Electronic Solicitation. Modification of the Confirmation may be necessary for those participants without a PG&E Collateral Annex.

Import Energy offers should be for WSPP Schedule C firm energy.

PG&E seeks to include the following language in Import Energy Confirmations:

Any energy associated with a Real Time schedule interruption due to an Uncontrollable Force, consistent with provision C-3.7(b) of the WSPP Service Schedule C for Firm Capacity/Energy Sale or Exchange shall be deemed “Undelivered Energy”. PG&E deems CAISO overscheduling on paths as Uncontrollable Force. The contract quantity shall be reduced by the amount of any Undelivered Energy for settlement purposes.

The Parties agree that the following provisions of the Master Agreement shall not be applicable to this Confirmation or Transactions hereunder: Section 22.1(c), Section 27, and the final paragraph of Section 37 (or, if transacting under the EEI Agreement, Sections 5.1(d), 5.1(e), 5.1(f), 10.2(v), 10.2(vi), 10.2(x), and 10.10). Notwithstanding anything to the contrary contained herein, with respect to Buyer: Seller acknowledges and agrees that the existence or continuation of Buyer’s Chapter 11 bankruptcy cases pending before the United States Bankruptcy Court for the Northern District of California (Case Nos. 19-30088 (DM) and 19-30089 (DM)) is not an Event of Default with respect to Buyer under the Master Agreement and does not entitle Seller to terminate the Master Agreement or this Confirmation solely because of such existence or continuation.

2. Submitting Offers and Bids

Participants should submit the Offer and Bid Form. If seeking to transact Import Energy, participants should also include an Import Energy Confirmation which incorporates the language from Section 1 above. PG&E will not consider material changes to its RA or IAR confirmations issued with this solicitation.

All offers included in the Offer and Bid Form should be submitted with final pricing. PG&E will not be conducting a price refresh as part of this solicitation. PG&E will consider offers and bids final.

Offers and bids must be submitted via e-mail to the PGE RA Solicitations mailbox (RASolicitations@pge.com), with a copy to the Independent Evaluator Charles Janecek (Charles.Janecek@PACONSULTING.COM) by the deadline indicated in Table 1. Telephonic, hardcopy, or facsimile transmission of an offer or bid is not acceptable. PG&E will not be responsible for any unsuccessful transmittals.

3. Schedule for Offers and Bids

The table below provides the tentative schedule for this Electronic Solicitation, which is subject to change at PG&E's discretion.

Table 1

Event	Target Deadline
PG&E launches e-solicitation	Monday 4/6
Offers and Bids due	Wednesday 4/15 5pm PPT
PG&E notifies participants of shortlist status	Friday 4/24
Deadline for notified shortlisted participants to accept shortlist status and final volumes	Monday 4/27 12 pm PPT
Deadline for return of partially executed confirmation(s)	Tuesday 4/28 EOD
Target full execution of confirmations	Friday 5/1 EOD

4. Contact Information

Questions regarding this solicitation and process should be addressed to the PGE RA Solicitations mailbox RASolicitations@pge.com.

5. Disclaimers

This Electronic Solicitation does not constitute an offer for sale or bid to purchase and creates no obligation to execute any agreement or to enter into any transaction. Any transactions are subject to PG&E management approval and execution of final documents. PG&E shall retain the right at any time, in its sole discretion, to reject any offer or bid and/or modify, suspend or cancel this Electronic Solicitation, for any reason whatsoever, without prior notification to Participants and without liability of any kind to, or responsibility of, PG&E or anyone acting on PG&E's behalf.

Thank you for your consideration of this Electronic Solicitation.

Kind regards,

PG&E

Attachment 2

From: PGE PRG Mailbox
Sent: Friday, July 17, 2020 4:30 PM
To: [REDACTED]
Subject: FW: PG&E PRG Information | 2020 Balance of Year RA and Import Energy and 2021-2022 RA E-Solicitation Bids and Offers Received
Attachments: Confidentiality_Matrix_2020 BoY RA Impt and 2021-2022 RA E-Sol Offers.docx; 2020 Q4 through Balance of Year and 2021-2022 RA E-Solicitation - Bids and Offers Received_CONFIDENTIAL.xlsx; Confidentiality_Declaration_2020 BoY RA Impt and 2021-2022 RA E-Sol Offers.docx

From: PGE PRG Mailbox <PGEPRG@pge.com>

Sent: Friday, July 17, 2020 4:29 PM

To: [REDACTED]

Cc: [REDACTED]

Subject: PG&E PRG Information | 2020 Balance of Year RA and Import Energy and 2021-2022 RA E-Solicitation Bids and Offers Received

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****Not for Public Disclosure****
Please Do Not Forward

Procurement Review Group,

Attached is the list of bids and offers received through July 15th for the 2020 Balance of Year RA and Import Energy and 2021-2022 RA Solicitation that was issued on July 9th.

There was one submission that will not be included in the solicitation evaluation due to the fact that the proposal was non-conforming. The offeror required PG&E to accept MWs that were static across the calendar year. PG&E may consider this bid through the solicitation after conforming bids are evaluated and awarded.

PG&E anticipates sending a shortlist to the PRG by noon on Monday, July 20th, with comments due by 2pm PPT on Wednesday, July 22nd. PG&E appreciates in advance the PRG's understanding of this timeline and participation in the e-solicitation process.

If you have any questions, contact [REDACTED] (pge.com) or [REDACTED]@pge.com).

[REDACTED]

Attachment 3

From: PGE PRG Mailbox
Sent: Tuesday, January 19, 2021 11:42 AM
To: [REDACTED]
Subject: FW: PG&E PRG Information | RA and Import Energy E-Solicitation - Bids and Offers Received
Attachments: Confidentiality_Matrix_RA IESsol Apr-Dec2021.docx; Confidentiality_Declaration_RA IE ESol Apr-Dec2021.docx; Bids & Offers Received_RA IE ESol Apr-Dec2021.xlsx

From: PGE PRG Mailbox <PGEPRG@pge.com>

Sent: Tuesday, January 19, 2021 11:41 AM

To: [REDACTED]

Cc: [REDACTED]

Subject: PG&E PRG Information | RA and Import Energy E-Solicitation - Bids and Offers Received

Confidential Protected Material

Not for Public Disclosure

**** Do Not Forward ****

Procurement Review Group:

Attached is a list of bids and offers received through January 14th in PG&E's RA and Import Energy E-Solicitation launched on January 11th.

PG&E received one non-conforming import energy offer from [REDACTED] which represents a multi-month proposal. The offer is for a minimum of [REDACTED] MW and maximum of [REDACTED] MW of [REDACTED] delivered at [REDACTED] for a price of \$ [REDACTED] /kw-month for [REDACTED] with an option to add additional [REDACTED] in [REDACTED] and [REDACTED]. PG&E will consider this non-conforming offer after it has completed its evaluation of all conforming bids and offers.

PG&E currently expects to provide the PRG with a proposed shortlist on Thursday, January 21st. PG&E plans to inform shortlisted counterparties by close of business on Monday, January 25th.

If you have any questions, contact [REDACTED] ([\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)) or [REDACTED] ([\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)).

[REDACTED]

Attachment 4

From: PGE PRG Mailbox
Sent: Tuesday, April 20, 2021 8:07 AM
To: [REDACTED]
Subject: FW: PG&E PRG Information | RA and Import Energy E-Solicitation - Bids and Offers Received
Attachments: Bids & Offers Received_RA IE ESol Jul-Dec2021.xlsx; Confidentiality_Matrix_RA IESsol Jul-Dec2021.docx; Confidentiality_Declaration_RA IE ESol Jul-Dec2021.docx

From: PGE PRG Mailbox <PGEPRG@pge.com>
Sent: Tuesday, April 20, 2021 8:06 AM
To: [REDACTED]

Cc: [REDACTED]

Subject: PG&E PRG Information | RA and Import Energy E-Solicitation - Bids and Offers Received

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Not for Public Disclosure
**** Do Not Forward ****

Procurement Review Group:

Attached is a list of bids and offers received through April 14th in PG&E's RA and Import Energy E-Solicitation launched on April 7th.

PG&E received one late submission from [REDACTED] on April 15th and will not be considering this offer in PG&E's bid offer evaluation. PG&E also received [REDACTED] offers from [REDACTED] and [REDACTED] all of which represent non-conforming offers due to their [REDACTED] proposals. These non-conforming offers are described in the attachment, and PG&E will evaluate these non-conforming offers after it has completed its evaluation of all conforming bids and offers.

PG&E currently expects to provide the PRG with a proposed shortlist on Friday, April 23rd. PG&E plans to inform shortlisted counterparties by close of business on Tuesday, April 27th.

If you have any questions, contact [REDACTED] ([REDACTED]@pge.com) or [REDACTED] ([REDACTED]@pge.com).

Attachment 6

From: PGE PRG Mailbox
Sent: Thursday, August 26, 2021 2:33 PM
To: [REDACTED]
Subject: FW: PG&E PRG Information | 2022 Annual Resource Adequacy and Import Energy E-Solicitation - Bids and Offers Received
Attachments: Bids & Offers Received_2022_Annual_Phase1.xlsx; Confidentiality_Matrix_2022 RA Solicitation Phase 1.docx; Confidentiality_Declaration_2022 RA Solicitation Phase 1.docx

From: PGE PRG Mailbox <PGEPRG@pge.com>

Sent: Thursday, August 26, 2021 2:31 PM

To: [REDACTED]

Cc: [REDACTED]

Subject: PG&E PRG Information | 2022 Annual Resource Adequacy and Import Energy E-Solicitation - Bids and Offers Received

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Procurement Review Group:

Attached is a list of bids and offers received through August 20th in PG&E's 2022 Annual Resource Adequacy (RA) and Import Energy E-Solicitation (Phase I) launched on August 13th.

PG&E did not receive any bids or offers for [REDACTED] PG&E received [REDACTED] import energy offers from [REDACTED] and [REDACTED] both of which are considered non-conforming offers due to their [REDACTED] proposals. These non-conforming offers are described in the attachment, and PG&E will evaluate these non-conforming offers after it has completed its evaluation of all conforming bids and offers.

In addition to the listed conforming bids and offers for RA, PG&E received several non-conforming bids and offers from three counterparties. These are listed in the file and designated as non-conforming in column O. The reason for this designation is given in column P.

As part of PG&E's 2022 Annual RA & Import Energy E-Solicitation and through PG&E's Tree Mortality Non-Bypassable Charge Resource Adequacy Sales ("TM NBC RA Sales") Solicitation, PG&E received [REDACTED] bids from [REDACTED] for capacity from the [REDACTED]

and [REDACTED] projects, in addition to PG&E's bid reserve price for capacity from the [REDACTED] project. These bids are further described in the attachment.

PG&E currently expects to provide the PRG with a proposed shortlist on Friday, August 27th. PG&E plans to inform shortlisted counterparties by close of business on Wednesday, September 1st.

If you have any questions, contact [REDACTED] ([@pge.com](mailto:[REDACTED]@pge.com)) or [REDACTED] ([@pge.com](mailto:[REDACTED]@pge.com)).

[REDACTED]

Attachment 7

From: PGE PRG Mailbox
Sent: Thursday, October 8, 2020 2:19 PM
To: [REDACTED]
Subject: FW: PG&E PRG Information | 2020 Multi-Year RA E-Solicitation Phase 2 Bids and Offers Received
Attachments: PG&E_Multi-Year RA Solicitation - Phase 2_Bids and Offers Received_CONFIDENTIAL.xlsx; non-conforming submissions.zip; Confidentiality_Matrix_2020 MY RA ESol-Phase 2.docx; Confidentiality_Declaration_2020 MY RA ESol-Phase 2.docx; PG&E_Multi-Year RA Solicitation - Phase 2_Non-Conforming_Bids and Offers Received_CONFIDENTIAL.xlsx

From: PGE PRG Mailbox <PGEPRG@pge.com>

Sent: Thursday, October 08, 2020 2:18 PM

To: [REDACTED]

Cc: [REDACTED]

Subject: PG&E PRG Information | 2020 Multi-Year RA E-Solicitation Phase 2 Bids and Offers Received

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Procurement Review Group,

Attached is the list of conforming bids and offers received through October 5th for the 2020 Multi-Year RA Solicitation – Phase 2 that was issued on September 18th.

There were several non-conforming proposals that will be evaluated separately and after the conforming submissions. We have also attached an excel summary and zip file of these submissions.

PG&E anticipates sending a shortlist to the PRG by COB on Friday, October 9th, with comments due by 5pm PPT on Tuesday, October 13th. PG&E appreciates in advance the PRG's understanding of this timeline and participation in the e-solicitation process.

If you have any questions, contact [REDACTED] ([REDACTED]@pge.com) [REDACTED] ([REDACTED]@pge.com).

[REDACTED]

Attachment 8

[REDACTED]

From: [REDACTED] >
Sent: Monday, July 12, 2021 4:21 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

*******CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.*******

[REDACTED] - I am still working on "herding the cats"... all of the decision makers have returned from vacation, so I *hope* to have redlined documents to you by Friday. I appreciate your patience!

[REDACTED]

On Thu, Jul 1, 2021 at 2:53 PM [REDACTED] <[REDACTED]@pge.com> wrote:
Sounds good. Thanks for the update.

From: [REDACTED] <[REDACTED]>
Sent: Thursday, July 1, 2021 12:20:55 PM
To: [REDACTED] <[REDACTED]@pge.com>
Cc: [REDACTED] <[REDACTED]@pge.com>
Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

*******CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.*******

Hi [REDACTED] - I just wanted to provide you with an update... our legal counsel completed their review, and identified some issues that the business needs to make decisions on. Due to vacation schedules, I have not been able to get input from the relevant stakeholders yet, so I think this is going to take me another week. I am committed to getting this done ASAP, and apologize for the delay!

[REDACTED]

On Thu, Jun 24, 2021 at 3:58 PM [REDACTED] <[REDACTED]@pge.com> wrote:
Yes that works fine

From: [REDACTED] <[REDACTED]>
Sent: Thursday, June 24, 2021 3:57:09 PM
To: [REDACTED] <[REDACTED]@pge.com>
Cc: [REDACTED] <[REDACTED]@pge.com>
Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

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Hi [REDACTED],

I understand and agree. I have not had a chance to review the proposed edits from our legal counsel, and I will be on vacation tomorrow, but I am prioritizing this for early next week. I am planning to send our proposed redlines to you all by Thursday. Would that work for you?

Thanks,

On Wed, Jun 23, 2021 at 5:54 PM [REDACTED] <[REDACTED]@pge.com> wrote:

[REDACTED]

Thanks for the follow up. With respect to quantities, mid-July sounds good. With respect to the review of the contracts, I think it would be better to tackle those earlier rather than later, as it can slow down the transaction execution process significantly.

Thanks,

From: [REDACTED]
Sent: Wednesday, June 23, 2021 4:51 PM
To: [REDACTED] <[REDACTED]@pge.com>
Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

*******CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.*******

Hi [REDACTED],

Our legal counsel has finished review/redlines of PG&E's standard Cover Letter, Confirm, and Paragraph 10, but we would like to hold off for a couple of weeks before we make an offer for 2022. We have a few outstanding offers that we are waiting to hear back on, and those outcomes will determine how much [REDACTED] capacity we can offer to PG&E. Can we reconnect in mid-July?

Thanks,

On Mon, Jun 21, 2021 at 10:29 AM [REDACTED] <[REDACTED]> wrote:

Sorry for the delay, [REDACTED] Yes, of course - we can refresh our offer. We will provide the refreshed offer along with any proposed modifications to the EEI Master, EEI Cover Letter, and Paragraph 10 to the collateral annex by Wednesday.

Thanks,

On Fri, Jun 18, 2021 at 12:19 PM [REDACTED] <[REDACTED]@pge.com> wrote:

[REDACTED],

Upon further reflection and review, we have realized we never reached agreement on these 2022 MWs, just the 2021 ones. We were planning on providing a counter offer for 2022 and got bogged down by the EEI delay. In light of this, we are open to restarting this conversation from scratch with respect to both MWs and pricing. Would you be willing to refresh your quantity and pricing for 2022 [REDACTED] and [REDACTED]?

Thanks,

[REDACTED]

From: [REDACTED] <[REDACTED]>
Sent: Friday, June 18, 2021 10:27:52 AM
To: [REDACTED] <[REDACTED]@pge.com>
Cc: [REDACTED] <[REDACTED]@pge.com>
Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

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Thank you, [REDACTED]. I will have our new legal counsel review these, and will follow up by Wednesday with any additional requests for modification (if any). Regarding 2022 - are you all looking to transact at these same quantities / prices?

Thanks,

[REDACTED]

On Thu, Jun 17, 2021 at 4:50 PM [REDACTED] <[REDACTED]@pge.com> wrote:

Hi [REDACTED],

Thanks for the follow up email. I've attached an email that includes the most recent versions of the EEI Cover Sheet and Paragraph 10 to the Collateral Annex. I couldn't find the email regarding 2022 volumes but I've attached the offer form submitted by [REDACTED] into our Feb-Dec 2021 Balance of Year E-Solicitation for [REDACTED] and [REDACTED] 2022 offers.

Thank you!

[REDACTED]

From: [REDACTED] <[REDACTED]>
Sent: Wednesday, June 16, 2021 3:56 PM
To: [REDACTED] <[REDACTED]@pge.com>
Cc: [REDACTED] <[REDACTED]@pge.com>; [REDACTED] <[REDACTED]>
Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

*******CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.*******

Hi [REDACTED] & [REDACTED],

Thank you for the discussion this morning about the outstanding documents required to finalize the transaction initiated in the "2021 Balance of Year PG&E RA eSolicitation". I found drafts of the EEI Cover Sheet, EEI RA Confirm, and Paragraph 10 to the Collateral Annex, and just want to make sure that they are the most recent versions since the RFO was almost 8 months ago. The Paragraph 10 is dated 6/19/20, and the Cover Sheet shows "Version 2.1", but I don't see a date or any other identifier on the EEI RA Confirm . Could you please confirm that the first two are the correct versions and send over the current EEI RA Confirm (or just send over the current versions of each document and I will compare them), and confirm which of our 2022 offers were selected?

Thanks,

[REDACTED]

On Thu, Jun 10, 2021 at 4:45 PM [REDACTED] <[REDACTED]@pge.com> wrote:

Thanks for the clarification, John. I will set up a call with [REDACTED] to discuss the status of the EEI and Paragraph 10 as well as next steps.

Thanks!

[REDACTED]

From: [REDACTED] <[REDACTED]>

Sent: Thursday, June 10, 2021 11:24 AM

To: [REDACTED] <[REDACTED]@pge.com>

Cc: [REDACTED] <[REDACTED]>; [REDACTED] <[REDACTED]>; [REDACTED]

[REDACTED]@pge.com>; Charles Janecek <Charles.Janecek@paconsulting.com>

Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

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Good morning [REDACTED],

Thank you for your message -- we appreciate your following up about the potential RA transaction between PG&E and [REDACTED]

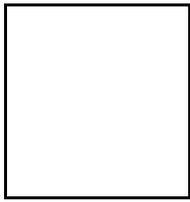
I'd like to make sure that we're aligned on the delivery term now under consideration. Whereas we originally contemplated deliveries in [REDACTED] and [REDACTED] of [REDACTED] plus some or all months of 2022, [REDACTED] is no longer able to provide additional RA to PG&E in [REDACTED]. You'll recall from [REDACTED] February 23 email below that [REDACTED] withdrew its offer to PG&E due to impending supply plan-related deadlines. To be clear, our intent was to withdraw the offers for both [REDACTED] and [REDACTED] as the economics of these two offer-months were interdependent.

That being said: [REDACTED] is still very interested in continued discussion of RA deliveries to PG&E during 2022. I have therefore included [REDACTED] on this email, who is now leading [REDACTED] RA contracting efforts. Perhaps you and [REDACTED] can arrange a call to discuss next steps in this process?

Best,

[REDACTED]

--



[Redacted]
[Redacted]
[Redacted]
[Redacted]

On Tue, Jun 8, 2021 at 4:48 PM [Redacted] <[Redacted]@pge.com> wrote:

Hi [Redacted] and [Redacted]

Hope this message finds you well!

Hoping to re-engage on the EEI Cover Sheet, Paragraph 10 to the Collateral Annex, and discussions on previously non-conforming offers. The last update from our teams internally is that our Credit and Law departments are comfortable moving forward with using [Redacted] as the entity name for the EEI, Paragraph 10, and RA confirms. Can you please review the documents and provide any updates on your end when you get a chance?

Thanks so much!

[Redacted]

From: [Redacted] <[Redacted]>
Sent: Wednesday, March 17, 2021 12:42 PM
To: [Redacted] <[Redacted]@pge.com>
Cc: [Redacted] <[Redacted]@pge.com>; Charles Janecek <Charles.Janecek@paconsulting.com>; [Redacted]
<[Redacted]>
Subject: Re: PG&E-[Redacted] | EEI & RA Confirm

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[Redacted] -

Thank you for your email. Appreciate you letting us know and let me look into this.

[Redacted] and [Redacted] have recently departed the company, and we are in the process of filling their positions. In the interim, feel free to reach out to [Redacted] or I for future communications.

Best,

--
[Redacted]

On Mar 16, 2021, at 10:49 AM, [Redacted] <[Redacted]@pge.com> wrote:

Hi [Redacted] and [Redacted],

Forwarding the email I just sent as I received two bounce back emails for [REDACTED] and [REDACTED] and wanted to make sure you received this. Let me know if you have any questions!

Thank you,

[REDACTED]

From: [REDACTED] <[REDACTED]@pge.com>
Sent: Tuesday, March 16, 2021 10:44 AM
To: [REDACTED] <[REDACTED]>
Cc: [REDACTED] <[REDACTED]>; [REDACTED] <[REDACTED]@pge.com>; [REDACTED] <[REDACTED]>; Charles Janecek <Charles.Janecek@paconsulting.com>
Subject: RE: PG&E-[REDACTED] | EEI & RA Confirm

Hi [REDACTED],

Hope you had a great weekend! I apologize for the delay on our end.

Our internal teams have reviewed [REDACTED] and the associated documentation [REDACTED] provided and we are able to move forward. Attached are 3 documents: the EEI cover sheet and PG&E's standard RA confirm (previously reviewed and agreed upon), as well as Paragraph 10 to the Collateral Annex. Paragraph 10 to the Collateral Annex outlines specific credit requirements and is part of our standard process when executing an EEI agreement with a new counterparty. I've updated these 3 documents to reflect the name change to [REDACTED] and removed the reference to [REDACTED] in the RA confirm.

Please review these documents and let me know if you have any questions. Once we receive your feedback we may move forward with execution.

Thank you,

[REDACTED]

From: [REDACTED] <[REDACTED]@pge.com>
Sent: Tuesday, February 23, 2021 3:27 PM
To: [REDACTED] <[REDACTED]>
Cc: [REDACTED] <[REDACTED]>; [REDACTED] <[REDACTED]@pge.com>; [REDACTED] <[REDACTED]>; Charles Janecek <Charles.Janecek@paconsulting.com>
Subject: RE: PG&E-[REDACTED] | EEI & RA Confirm

Hi [REDACTED],

Thank you for the update. We are interested in continuing discussions for [REDACTED] and 2022 deliveries once we have completed internal review of [REDACTED] and have an EEI Master Agreement in place!

Our Credit team has a few follow-up questions that we're hoping to get more clarity on in the meantime:

- Can you provide a breakdown of the ownership percentages of the entities in the diagram as it relates to [REDACTED]

- Can you provide any audited financial statements for [REDACTED]
- [REDACTED] intends on purchasing from PG&E in the future, does [REDACTED] / [REDACTED] have access to a credit facility (e.g. in order to post a Letter of Credit)?

<image001.png>

Thank you!

[REDACTED]

From: [REDACTED] <[REDACTED]>
Sent: Tuesday, February 23, 2021 10:46 AM
To: [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>
Cc: [REDACTED] <[REDACTED]>; [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>; [REDACTED] <[REDACTED]>; Charles Janecek <Charles.Janecek@paconsulting.com>
Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

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Hi [REDACTED] and the PG&E team,

[REDACTED] is very appreciative of your quick attention to this matter. However, we are withdrawing the offer due to our Supply Plan internal and external deadlines.

We are certainly interested in discussing a new contract for the [REDACTED] month and for future 2022 and beyond deliveries. Thank you for working with us through this process, and I hope we can touch base soon to discuss other opportunities to meet PG&E's RA needs.

Best,

[REDACTED]

On Mon, Feb 22, 2021 at 5:19 PM [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)> wrote:

Hi [REDACTED] and [REDACTED] team,

Apologies for the delayed response. After circling back internally, we are unable to meet your deadline to execute the EEI Master and RA confirm by 5pm PPT today. We have communicated to our internal teams to expedite their review process, and I hope to share more concrete timing on that soon.

Thank you,

[REDACTED]

From: [REDACTED] <brian@ohmconnect.com>
Sent: Thursday, February 18, 2021 2:40 PM
To: [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>
Cc: [REDACTED] <[REDACTED]>; [REDACTED] <[REDACTED]@pge.com>; [REDACTED]

[REDACTED]; Charles Janecek <Charles.Janecek@paconsulting.com>

Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

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Hi [REDACTED] and the PG&E team,

We appreciate the diligence that PG&E is putting towards this contract. However, due to the first delivery month for this contract being [REDACTED] and Supply Plan internal and external deadlines, we are requesting that PG&E complete review of the documents provided by [REDACTED] and that PG&E return the countersigned agreement by 5PM PT on Monday, February 22nd. If PG&E cannot execute the contract by the February 22nd date, we intend to withdraw this particular offer and remove PG&E from our Supply Plans for the impacted months. We welcome the opportunity to contract for other delivery terms, but for this particular [REDACTED] delivery package we are seeking resolution by next week so we can plan our Supply Plans accordingly.

Best,

[REDACTED]

On Fri, Jan 29, 2021 at 11:23 AM [REDACTED] <[REDACTED]@pge.com> wrote:

Hi [REDACTED],

Happy Friday!

Our legal team is still reviewing these documents and will need a bit more time as we're juggling with competing priorities at the moment. I appreciate you and your team's patience on this and will follow-up as soon as we have an update.

Have a great weekend!

[REDACTED]

From: [REDACTED] <[REDACTED]>

Sent: Thursday, January 28, 2021 8:21 AM

To: [REDACTED] <[REDACTED]@pge.com>

Cc: [REDACTED] <[REDACTED]>; [REDACTED] <[REDACTED]@pge.com>; [REDACTED]

[REDACTED] Charles Janecek <Charles.Janecek@paconsulting.com>

Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

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Hi [REDACTED]

Good morning! Can PG&E please provide an update as to the status of the review of the documents? Thank you.

[REDACTED]

On Fri, Jan 22, 2021 at 12:14 PM [REDACTED] <[REDACTED]@pge.com> wrote:

Thanks so much [REDACTED] – confirming receipt. I'll let you know if we have any other questions in the meantime. Have a great weekend!

From: [REDACTED] <[REDACTED]>
Sent: Wednesday, January 20, 2021 2:33 PM
To: [REDACTED]@pge.com>
Cc: [REDACTED]
[REDACTED] Charles Janecek <Charles.Janecek@paconsulting.com>
Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

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Hi [REDACTED],

Please find attached the two requested docs - the updated org chart and the signed LLC Agreement.

Best,

[REDACTED]

<image001.png>

On Fri, Jan 15, 2021 at 1:58 PM [REDACTED]@pge.com> wrote:

Hi [REDACTED]

TGIF and thanks so much for sending these over and for the clarification. We have two additional follow-up questions:

- Can you provide us the executed version of the “LLC Agreement” between [REDACTED] and [REDACTED] (also referred to as the “Amended and Restated Limited Liability Company Agreement of [REDACTED]”)?
- Can you provide an updated diagram to include [REDACTED]

<image002.png>

Thank you!

[REDACTED]

From: [REDACTED]
Sent: Thursday, January 14, 2021 2:33 PM
To: [REDACTED]@pge.com>
Cc: [REDACTED]
[REDACTED] >; Charles Janecek <Charles.Janecek@paconsulting.com>
Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

*****CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.*****

Hi [REDACTED] and all,

I've attached to this email the signed MSA and MPA. We do not yet have a signed Master Assignment and Assumption Agreement, as this is an exhibit to the MPA that is regularly updated.

Best,

[REDACTED]

On Wed, Jan 13, 2021 at 4:27 PM [REDACTED] wrote:

Hi [REDACTED],

Confirming your two emails. I'll get back to you when I hear more from our team!

[REDACTED]

On Tue, Jan 12, 2021 at 6:50 PM [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)> wrote:

Hi [REDACTED],

In addition to my email below, please send along the Master Assignment and Assumption Agreement that was signed concurrently with the Master Purchase Agreement.

Thanks so much!

[REDACTED]

From: [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>

Sent: Tuesday, January 12, 2021 3:25 PM

To: [REDACTED]

Cc: [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>; [REDACTED]

[REDACTED]; Charles Janecek <Charles.Janecek@paconsulting.com>

Subject: RE: PG&E-[REDACTED] | EEI & RA Confirm

Hi [REDACTED],

Our legal team is requesting the final signed versions of the two agreements. Do you have those available to send to us?

Thank you!

[REDACTED]

From: [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>

Sent: Monday, January 11, 2021 5:30 PM

To: [REDACTED] <[\[REDACTED\]@ohmconnect.com](mailto:[REDACTED]@ohmconnect.com)>

Cc: [REDACTED]@pge.com>; [REDACTED]
[REDACTED]; Charles Janecek <Charles.Janecek@paconsulting.com>
Subject: RE: PG&E-[REDACTED] | EEI & RA Confirm

Hi [REDACTED],

Thank you for sending these over. We understand the confidential nature of these documents and will only be used for internal review of [REDACTED] and [REDACTED]. I will keep you updated as I hear back from our teams.

Thank you,

[REDACTED]

From: [REDACTED]
Sent: Friday, January 8, 2021 1:59 PM
To: [REDACTED]@pge.com>
Cc: [REDACTED]
[REDACTED] Charles Janecek <Charles.Janecek@paconsulting.com>
Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

*******CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.*******

Hi [REDACTED],

Thank you very much for your patience on this. I've attached three documents - the [REDACTED] and [REDACTED] Master Services Agreement, the Master Purchase Agreement, and the Certificate of Good Standing from California. I would request that you and your team please keep these documents confidential and that these documents are not given over or used in a process that can make them public.

I hope you have an excellent weekend!

Best,

[REDACTED]

On Mon, Dec 21, 2020 at 5:44 PM [REDACTED]@pge.com> wrote:

Hi [REDACTED] and [REDACTED],

Hope you both had a great weekend!

I apologize for the confusion, but after coordinating internally, I will be your main point of contact for the RA transaction. Please provide the following documents to facilitate internal review of [REDACTED]

- Copy of both the Services Agreement and the Sales Purchase Agreement referred to in [REDACTED]'s 12/1 email
- Certificate of Good Standing from the State of California for [REDACTED]

Let me know if you have any questions in the meantime.

Thank you!

[REDACTED]

[REDACTED]

Energy Transactions | Pacific Gas & Electric Company

[REDACTED]@pge.com

This correspondence is for discussion purposes only. It is not an offer to buy or sell. Any agreements between the parties are subject to PG&E senior management approval and the prior execution of definitive documents.

From: [REDACTED]@pge.com>
Sent: Friday, December 18, 2020 3:45 PM
To: [REDACTED]
Cc: [REDACTED]@pge.com>; [REDACTED]>; Charles Janecek <Charles.Janecek@paconsulting.com>; [REDACTED]@pge.com>; [REDACTED]@pge.com>; [REDACTED]@pge.com>
Subject: RE: PG&E-[REDACTED] | EEI & RA Confirm

Hi [REDACTED] and [REDACTED],

Thank you for the follow-up!

I'm cc'ing my colleagues, [REDACTED] (PG&E Credit) and [REDACTED] (PG&E Law), to separately provide additional clarity and guidance on the specific documentation they need to move forward to evaluate [REDACTED]. Additionally, it is my understanding [REDACTED] is looking to transfer multiple DRAM contracts to [REDACTED] so I am cc'ing [REDACTED] here as well in hopes we can work in parallel and streamline the review process.

I ask that you cc [REDACTED] and myself on all communications so we are in the loop of progress. As a reminder, since the setup of the EEI Master and RA confirm are part of PG&E's multi-year RA solicitation, please continue to cc our Independent Evaluator, Charles Janecek as well.

Thanks so much and hope you all have a great weekend!

[REDACTED]

[REDACTED]

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[REDACTED]@pge.com

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From: [REDACTED] >
Sent: Friday, December 18, 2020 2:11 PM
To: [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>; [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>; Charles Janecek <Charles.Janecek@paconsulting.com>
Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

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Hi [REDACTED],

Great to meet you! My understanding is that you were seeking an organizational chart, which I have attached here. Was there additional information that you requested as well? Thank you, and looking forward to working with you!

[REDACTED]

<image003.png>

On Wed, Dec 16, 2020 at 2:23 PM [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)> wrote:

Thank you for the heads up [REDACTED] Nice to meet you [REDACTED] and look forward to hearing from you soon!

All the best,

[REDACTED]

[REDACTED]

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[REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>

This correspondence is for discussion purposes only. It is not an offer to buy or sell. Any agreements between the parties are subject to PG&E senior management approval and the prior execution of definitive documents.

From: [REDACTED]
Sent: Wednesday, December 16, 2020 11:58 AM
To: [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>; [REDACTED]
Cc: [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>; [REDACTED] Charles Janecek <Charles.Janecek@paconsulting.com>
Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

*******CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.*******

Hi [REDACTED],

I am adding in my colleague [REDACTED] who will be sending over the requested documents on Friday.

Thank you,

On Tue, Dec 8, 2020 at 4:10 PM [REDACTED] > wrote:

Hi [REDACTED]!

Thank you for following up. I am still waiting on the docs from our legal team. I will send them over ASAP, I promise!

On Tue, Dec 8, 2020 at 12:28 PM [REDACTED] <[pge.com](mailto:[REDACTED]@pge.com)> wrote:

Hi [REDACTED],

Just wanted to follow-up here: do you have any updates regarding docs you're able to share regarding [REDACTED] so I may pass them along to our Credit and Legal teams?

Thanks so much,

[REDACTED]

From: [REDACTED] <[pge.com](mailto:[REDACTED]@pge.com)>
Sent: Tuesday, December 1, 2020 4:59 PM
To: [REDACTED]
Cc: [REDACTED] <[pge.com](mailto:[REDACTED]@pge.com)>; [REDACTED] 'Charles Janecek' <Charles.Janecek@PACONSULTING.COM>
Subject: RE: PG&E-[REDACTED] | EEI & RA Confirm

Thanks for following up [REDACTED] We look forward to receiving any other documentation you can provide later this week.

FYI – looping in our Independent Evaluator, Charles Janecek, as we just noticed he previously fell off the email chain. Since this transaction is part of our multi-year RA e-solicitation, Charles should also be cc'ed on emails going forward as he is independently monitoring the solicitation to ensure we treat each counterparty in a fair and equitable manner.

Have a great night!

[REDACTED]

From: [REDACTED]
Sent: Tuesday, December 1, 2020 4:12 PM
To: [REDACTED] <[pge.com](mailto:[REDACTED]@pge.com)>
Cc: [REDACTED] <[pge.com](mailto:[REDACTED]@pge.com)>; [REDACTED]
Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

*****CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.*****

Hi [REDACTED] and [REDACTED]!

I enjoyed our call today, great getting to meet and talk about the (exciting) changes at [REDACTED]. I wanted to share a written description of [REDACTED] and let y'all know that I am working with the team to gather the corporate docs to share with PGE's Credit Department. I am aiming to get those sent before the end of the week.

[REDACTED] Summary (Relationship to [REDACTED])

The purpose of [REDACTED] is to manage a project financing deal [REDACTED] has closed with a financing partner. This entity will receive revenues and pay out distributions.

[REDACTED] owns a minority interest in [REDACTED] and has a seat on the board. [REDACTED] and [REDACTED] have a Services Agreement and a Sales Purchase Agreement, where [REDACTED] will continue to provide the Demand Response services.

Thank you again!

On Mon, Nov 30, 2020 at 2:48 PM [REDACTED] <[REDACTED]> wrote:

Tomorrow at 10:30am works great for me, I will send an invite to you and [REDACTED].

Thank you!

On Mon, Nov 30, 2020 at 2:40 PM [REDACTED] <[REDACTED]@pge.com> wrote:

Hi [REDACTED],

Hope you had a great Thanksgiving holiday. Here are some dates and times that work for us at the moment:

- Tomorrow from 10:30-11am
- Wednesday 12/2 from 10:30-11am, 2-3:30pm
- Thursday 12/3 from 11-11:30am; 4-5pm

Let me know what works best!

[REDACTED]

[REDACTED]

Energy Transactions | Pacific Gas & Electric Company

[REDACTED]@pge.com

This correspondence is for discussion purposes only. It is not an offer to buy or sell. Any agreements between the parties are subject to PG&E senior management approval and the prior execution of definitive documents.

From: [REDACTED]
Sent: Monday, November 30, 2020 2:26 PM
To: [REDACTED] <[REDACTED]@pge.com>
Cc: [REDACTED] <[REDACTED]@pge.com>; [REDACTED] <[REDACTED]>
Subject: Re: PG&E-[REDACTED] | EEI & RA Confirm

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Hi [REDACTED],

No worries on the name spelling, it happens! Do you have some time tomorrow to talk through your questions for [REDACTED] and [REDACTED] I want to be able to explain and answer questions in real time. I can send follow up docs after the call.

Let me know when you are available for a 30 minute call and I can send an invite.

On Wed, Nov 25, 2020 at 12:23 PM [REDACTED] <[REDACTED]@pge.com> wrote:

I'm so sorry I misspelled your name. I noticed right after I sent the email!

From: [REDACTED] <[REDACTED]@pge.com>
Sent: Wednesday, November 25, 2020 12:22 PM
To: [REDACTED] <[REDACTED]>
Subject: PG&E-[REDACTED] | EEI & RA Confirm

Hi [REDACTED],

Thanks for the note!

Couple of follow-up questions:

- Can you please provide some context for the relationship between [REDACTED] and [REDACTED]
- Will both the EEI and confirms be executed under [REDACTED]

Our Credit and Legal teams will need to verify the entity status, evaluate [REDACTED] credit standing and understand which entity will be financially liable for these contracts.

Have a great Thanksgiving holiday!

[REDACTED]

[REDACTED]

██████████@pge.com

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From: ██████████
Sent: Tuesday, November 24, 2020 3:21 PM
To: ██████████@pge.com>
Cc: ██████████
Subject: Re: PG&E | Important information regarding your Bid | --
██████████_RA20SEP_1005192906

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Hi ██████████!

I hope all is well and you are planning something fun for the upcoming holiday! I need to make one update request for the contract - the entity that will be holding the contracts for ██████████ is ██████████. Can you please substitute that name wherever ██████████ was listed?

Thank you!

On Thu, Nov 12, 2020 at 4:36 PM ██████████ <██████████@pge.com> wrote:

██████████,

Thanks. One of my transactors, ██████████ is going to handle the remaining internal and external steps from here.

Thanks,

██████████

██████████

Manager - Energy Transactions
Pacific Gas and Electric Company

Office: ██████████

██████████@pge.com

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From: [REDACTED]
Sent: Thursday, November 12, 2020 4:33:56 PM
To: [REDACTED] [pge.com](mailto:[REDACTED]@pge.com)>
Cc: [REDACTED]
<[REDACTED]>
RA_Solicitations <RASolicitations@pge.com>; [REDACTED] [pge.com](mailto:[REDACTED]@pge.com)>;
[REDACTED] charles.janecek@paconsulting.com <charles.janecek@paconsulting.com>
Subject: Re: PG&E | Important information regarding your Bid | --
[REDACTED]_RA20SEP_1005192906

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H [REDACTED]

I updated the Notice Info directly in the EEI draft that you sent over. Let me know if you have any questions!

Thank you,

On Wed, Nov 4, 2020 at 8:15 AM [REDACTED] [pge.com](mailto:[REDACTED]@pge.com)> wrote:

Sounds great. I can get a draft confirm ready for you to review after I receive the notice info from the EEI.

[REDACTED]
Manager - Energy Transactions
Pacific Gas and Electric Company

Office: ([REDACTED])
[REDACTED] [@pge.com](mailto:[REDACTED]@pge.com)

This correspondence is for discussion purposes only. It is not an offer to buy or sell. Any agreements between the parties are subject to PG&E senior management approval and the prior execution of definitive documents.

From: [REDACTED]
Sent: Wednesday, November 4, 2020 8:01:07 AM
To: [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>
Cc: [REDACTED];
RA_Solicitations <RASolicitations@pge.com>; [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>;
charles.janecek@paconsulting.com <charles.janecek@paconsulting.com>
Subject: Re: PG&E | Important information regarding your Bid | --
[REDACTED]_RA20SEP_1005192906

*******CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.*******

Hi [REDACTED]

Hope all is well. We will move forward on contracting the [REDACTED] and [REDACTED] volumes and get the EEI docs over to you.

Thanks,

[REDACTED]

On Tue, Oct 27, 2020 at 5:47 PM [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)> wrote:

I think next week would be best

[REDACTED]

Manager - Energy Transactions

Pacific Gas and Electric Company

Office: [REDACTED]

[REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>

This correspondence is for discussion purposes only. It is not an offer to buy or sell. Any agreements between the parties are subject to PG&E senior management approval and the prior execution of definitive documents.

From: [REDACTED]
Sent: Tuesday, October 27, 2020 2:34:38 PM
To: [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>
Cc: [REDACTED];
<[REDACTED]>
RA_Solicitations <RASolicitations@pge.com>; [REDACTED]

<[REDACTED]@pge.com>; [REDACTED]
charles.janecek@paconsulting.com <charles.janecek@paconsulting.com>
Subject: Re: PG&E | Important information regarding your Bid | --
[REDACTED]_RA20SEP_1005192906

*******CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.*******

Hi [REDACTED]

Hope all is well. Just checking in, we are good to start moving with you this week on contracting if you're ready, we can also wait until next week if you still need the time due to the year ahead transaction workload.

Thanks,
[REDACTED]

On Fri, Oct 16, 2020 at 11:33 AM [REDACTED] wrote:

Thanks [REDACTED] for the update.

I know our team will appreciate the extra time as well next week as we also are working on a few other contracts for the year ahead filings. However, we will get this moving on our end, knowing it will be executed later this month.

Thanks,
[REDACTED]

On Fri, Oct 16, 2020 at 9:47 AM [REDACTED]@pge.com> wrote:

[REDACTED],

Sounds great. Since we do not need these quantities for our year ahead filing, we may de-prioritize execution of this until later in the month while we get everything else settled that needs to get done in October. I apologize in advance if that means I am less responsive to your questions. Just want to make sure you know that we are still interested in getting this transaction done.

Thanks,
[REDACTED]

From: [REDACTED] >
Sent: Thursday, October 15, 2020 3:41 PM
To: [REDACTED]@pge.com>
Cc: [REDACTED] >; [REDACTED]

<[REDACTED]>
RA_Solicitations <RASolicitations@pge.com>; [REDACTED]
<[REDACTED]@pge.com>; [REDACTED]
charles.janecek@paconsulting.com
Subject: Re: PG&E | Important information regarding your Bid | --
[REDACTED]_RA20SEP_1005192906

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H [REDACTED],

Confirming we are comfortable with the confirm as well.

I have Cc'd my colleague, [REDACTED] who will work on executing the master, cover and confirm. We will get that process started.

Thanks,

[REDACTED]

On Wed, Oct 14, 2020 at 8:10 PM [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)> wrote:

[REDACTED]

Other than the EEI master, the only other issue would be the confirm. We likely will not have the time to change the standard in this case, but we do want to make sure you are onboard with it before moving to execution.

Thanks,

[REDACTED]

From: [REDACTED] >
Sent: Wednesday, October 14, 2020 4:29 PM
To: [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>
Cc: RA_Solicitations <RASolicitations@pge.com>; [REDACTED];
charles.janecek@paconsulting.com; [REDACTED] <[\[REDACTED\]@pge.com](mailto:[REDACTED]@pge.com)>; [REDACTED]
[REDACTED]
Subject: Re: PG&E | Important information regarding your Bid | --
[REDACTED]_RA20SEP_1005192906

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[REDACTED]

That's great; we are pleased to move forward with the first offer, [REDACTED]
[REDACTED] MWS- [REDACTED] and [REDACTED] MWS- \$ [REDACTED]

We have done a cursory read of the EEI Master and confirm and don't see any material suggested edits, but we will need a few days to get back to you. We move quickly, so I don't see any issue in your timeline.

Is there anything else you need from us in the interim?

Best,

█

On Wed, Oct 14, 2020 at 5:47 PM █@pge.com> wrote:

█

Thanks for the new proposals. We are comfortable moving forward with option 1.

Have you reviewed the EEI master and confirm to determine whether we can provide you with an execution copy? We would like to get this signed by the end of the week if possible. If not, as early as possible next week works.

Thanks,

█

From: █>
Sent: Wednesday, October 14, 2020 2:19 PM
To: █@pge.com>
Cc: RA_Solicitations <RASolicitations@pge.com>; █; charles.janecek@paconsulting.com; █<█@pge.com>; █>; █>
Subject: Re: PG&E | Important information regarding your Bid | -- █_RA20SEP_1005192906

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Hi █

Following up, we can provide two alternative bids, the first providing only █ and █ volumes. Alternatively, we could offer a flat price, providing greater volumes in █ and █. Again, these bids are contingent on accepting all months offered in each offer. We are happy to jump on a quick call to discuss and review the options if that would be helpful.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
█	█	█	█	█	█	█	█	█	█	█	█
█											

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
█	█	█	█	█	█	█	█	█	█	█	█
█											

Thanks,

█

On Wed, Oct 14, 2020 at 11:00 AM █<█@█.com>
wrote:

█

Based on our assessment of █'s offers, we calculate that the average \$/kW-month for the █ MWs submitted is █. We would be willing to purchase the █ MWs submitted at \$█/kW-month, subject to PG&E validating that the CPUC will count these MWs (this will be completed by reviewing the CPUC's approval of █ filing).

Alternatively, if you are willing to reduce MWs in certain months such that PG&E can buy more of the █ MWs offered compared to other months, PG&E would consider paying a higher price.

Thanks,

█

From: █>
Sent: Wednesday, October 14, 2020 5:21 AM
To: █@pge.com>
Cc: RA_Solicitations <RASolicitations@pge.com>; █<charles.janecek@paconsulting.com>; █<█@pge.com>; █<█>
Subject: Re: PG&E | Important information regarding your Bid | -- █_RA20SEP_1005192906

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Hi █
Thanks for the quick response. We appreciate the clarification. Yes, we would like to move forward with PG&E's evaluation of █'s bid as a complete strip.

Please let me know if you have any questions or need any additional information from our end.

Thanks,

On Wed, Oct 14, 2020 at 8:14 AM [REDACTED]@pge.com> wrote:

Thanks for the email. Our mutually exclusive bid option purposefully does not allow for cross month exclusivity, only within a monthly time period.

Based on this clarification, we can evaluate this bid as non conforming and get back to you shortly on whether we are interested in the full strip. Would you like to proceed using this approach?

Thanks,

Manager - Energy Transactions

Pacific Gas and Electric Company

Office: [REDACTED]

[REDACTED]@pge.com

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From: [REDACTED] >
Sent: Wednesday, October 14, 2020 5:07:18 AM
To: RA_Solicitations <RASolicitations@pge.com>
Cc: [REDACTED] >;
charles.janecek@paconsulting.com
<charles.janecek@paconsulting.com>; [REDACTED]
[REDACTED]@pge.com>; [REDACTED] <[REDACTED]L@pge.com>; [REDACTED]
<[REDACTED]>

Subject: Re: PG&E | Important information regarding your Bid | --
[REDACTED]_RA20SEP_1005192906

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PG&E Bid Team,
Thank you for the feedback on [REDACTED]'s 2021 RA offer. We did want to clarify our offer as there seems to be misalignment in the presentation of our bids. What we offered was a multi-month strip, inclusive of April to December, noted as "Group 1" in our submission back on October 5th.

Can you please confirm that [REDACTED] was only shortlisted for May and September volumes? If that is the case, it does not conform with our offer as presented last week.

We appreciate in advance PG&E providing additional clarity on our shortlisted bids.

Best,
[REDACTED]

On Tue, Oct 13, 2020 at 10:53 PM RA_Solicitations
<RASolicitations@pge.com> wrote:

Dear [REDACTED]

Please see the attached PDF document and corresponding Excel and Word files for information regarding your bid.

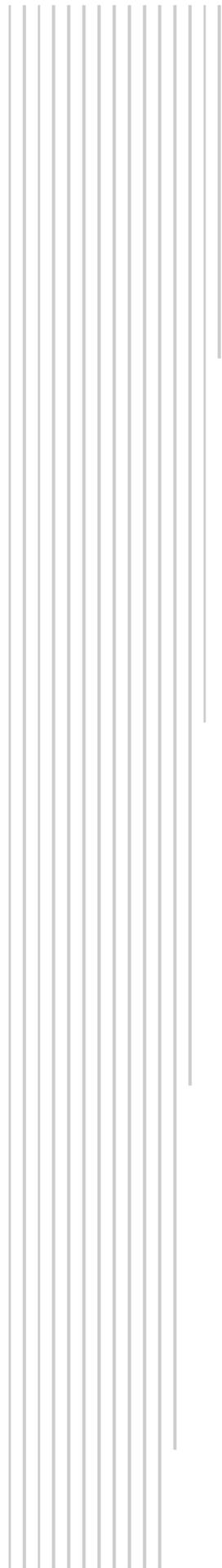
Thank you,
PG&E Bid Team

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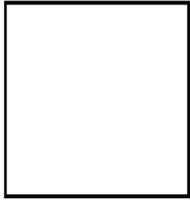
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

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[REDACTED]
[REDACTED]
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[REDACTED]

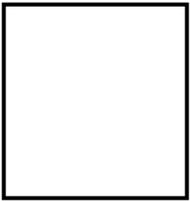


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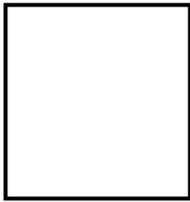
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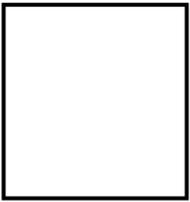
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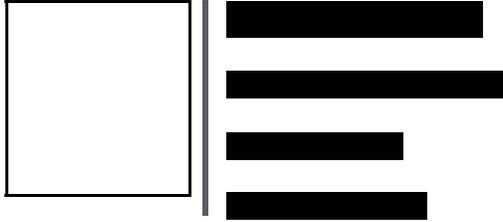
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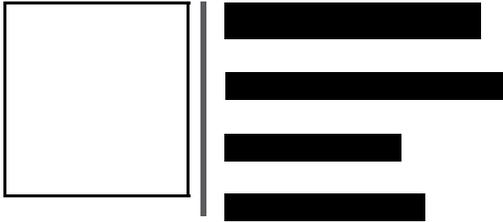
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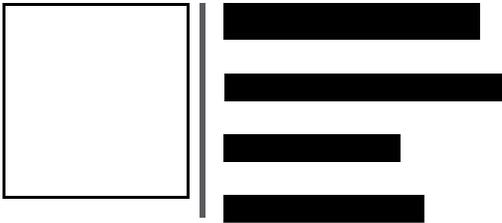
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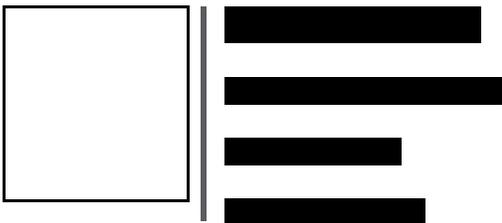
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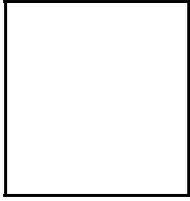


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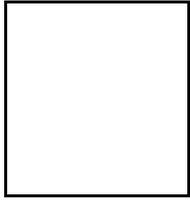
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.docx>< [REDACTED] _Parapgrah 10 Standard_(Redlined)_20210315.docx>

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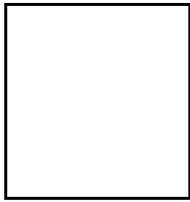
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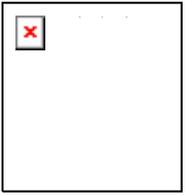
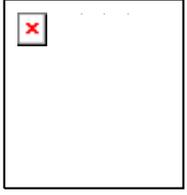
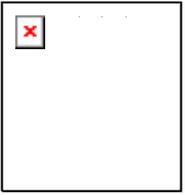
[Redacted text block containing four lines of blacked-out content]

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[Redacted text block containing four lines of blacked-out content]

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Attachment 9

[REDACTED]

From: [REDACTED]
Sent: Thursday, October 15, 2020 9:50 AM
To: [REDACTED]
Cc: Charles Janecek; RA_Solicitations [REDACTED]
Subject: RE: RE: PG&E 2020 Multi-Year RA Solicitation - Phase 2 [REDACTED]

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[REDACTED] good speaking yesterday.

Per our discussion, [REDACTED] is [REDACTED] MW NQC (GBA) unit [REDACTED]. We have been evaluating [REDACTED] as a [REDACTED] opportunity. However, we would be willing to [REDACTED] [REDACTED] Let me know if this is of interest.

Thanks,
[REDACTED]

From: [REDACTED]@pge.com>
Sent: Tuesday, October 13, 2020 12:53 PM
To: [REDACTED]
Cc: Charles Janecek <Charles.Janecek@PACONSULTING.COM>; RA_Solicitations <RASolicitations@pge.com> [REDACTED]
Subject: RE: RE: PG&E 2020 Multi-Year RA Solicitation - Phase 2 [REDACTED]

External Sender: Use caution with links/attachments.

[REDACTED]

We would like to follow up with [REDACTED] on this non-conforming offer. When would be a good time in the next few days to talk?

Thanks,
[REDACTED]

From: [REDACTED]
Sent: Monday, October 5, 2020 4:30 PM
To: RA_Solicitations <RASolicitations@pge.com>
Cc: Charles Janecek <Charles.Janecek@PACONSULTING.COM>; [REDACTED]
Subject: RE: RE: PG&E 2020 Multi-Year RA Solicitation - Phase 2 [REDACTED]

*******CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.*******

PG&E Team-

Below and attached is an offer to sell to PG&E local resource adequacy offers from [REDACTED] from the [REDACTED] facilities. The offer is for local North Coast North Bay resource adequacy [REDACTED] the offer is further described below:

Offer:

Term: [REDACTED]

Price: [REDACTED]

Volume: [REDACTED]

Product: NCNB local RA (with [REDACTED])

Confirms: [REDACTED]

We are open to discussing different volumes and terms if PG&E is interested in this NCNB and [REDACTED] product.

Best,
[REDACTED]

[REDACTED]

[REDACTED]

From: RA_Solicitations <RASolicitations@pge.com>
Sent: Tuesday, September 22, 2020 9:01 AM
To: RA_Solicitations <RASolicitations@pge.com>
Cc: Charles Janecek <Charles.Janecek@PACONSULTING.COM>
Subject: RE: PG&E 2020 Multi-Year RA Solicitation - Phase 2

External Sender: Use caution with links/attachments.

Dear Market Participant:

PG&E would like to inform all participants that we will evaluate offers to sell to PG&E even if they do not conform to the Offer and Bid Form or the term of the solicitation. These offers will be considered non-conforming, and will be evaluated

after offers that are considered conforming. If your offer cannot be captured through the Offer and Bid Form as it is currently structured, please describe your offer in the body of the email in your response to the solicitation.

Kind regards,
PG&E

To Prospective Participant:

Pacific Gas and Electric Company (“PG&E”) invites your participation in its Resource Adequacy (“RA”) and Import Energy Electronic Solicitation.

PG&E is seeking the following proposals:

Product ID	Product	PG&E is Seeking to	Minimum Volume	Delivery Period	Pricing
1	System RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Jan 2021 – Dec 2021	Fixed Price \$/kW-month
2	Local RA	Buy, Sell, Simultaneous Buy/Sell	1 MW	Jan 2021-Dec 2022	Fixed Price \$/kW-month
3	Import Allocation Rights	Sell	1 MW	Jan-Dec 2021	Fixed Price \$/kW-month
4	Import Energy *	Buy	5 MW	Jan-Dec 2021	CAISO LMP, ICE Index, or Fixed Price \$/MWh

**PG&E’s preference is to transact Import Energy indexed to CAISO LMP, but PG&E will consider offers for ICE Indexed or Fixed Prices transactions too.*

The deadline to submit a response is 5:00 pm (PPT), 2 business days after the final NQC list is published by the CAISO. PG&E reserves the right to distribute an updated solicitation timeline to participants when more information is available.

This email describes the schedule and process by which participants may submit offers and bids, and under which PG&E will evaluate all offers and bids submitted. PG&E, at its sole discretion, may change the terms, requirements, and schedule of this Electronic Solicitation.

1. Master Agreement and Confirmations

PG&E will transact RA and IAR products under an EEI Master Agreement. The executed Master Agreement shall govern transactions entered into pursuant to this Electronic Solicitation, including transaction details agreed to in any RA or IAR Confirmation Agreement (“Confirmation”).

PG&E’s provides the attached RA and IAR Confirmations that set forth the terms and conditions to create and define the Products to be transacted. The Confirmations requires participants to comply with the RA requirements as implemented by both the California Public Utilities Commission and the California Independent System Operator. The Confirmation is specific to transactions executed under an EEI Master Agreement with a PG&E Collateral Annex, and, as such, successful participants must have an EEI Master Agreement with a PG&E Collateral Annex in place with PG&E prior to execution of

an unmodified Confirmation in this Electronic Solicitation. Modification of the Confirmation may be necessary for those participants without a PG&E Collateral Annex.

Import Energy offers should be for WSPP Schedule C firm energy.

PG&E seeks to include the following language in Import Energy Confirmations:

Any energy associated with a Real Time schedule interruption due to an Uncontrollable Force, consistent with provision C-3.7(b) of the WSPP Service Schedule C for Firm Capacity/Energy Sale or Exchange shall be deemed "Undelivered Energy". PG&E deems CAISO overscheduling on paths as Uncontrollable Force. The contract quantity shall be reduced by the amount of any Undelivered Energy for settlement purposes.

Any Import Energy transaction must be compliant with CPUC decision D.20-06-028. PG&E will discuss necessary requirements with interested sellers.

2. Submitting Offers and Bids

Participants should submit the Offer and Bid Form. If seeking to transact Import Energy, participants should also include an Import Energy Confirmation which incorporates the language from Section 1 above. PG&E will not consider material changes to its RA or IAR confirmations issued with this solicitation.

Please note a few PG&E changes to the Offer and Bid Form functionality. For RA, the allowable count per mutually exclusive group increases from 3 to 6, and the maximum number of groups allowed increases to 10. PG&E has also added the ability to use mutually exclusive groups for import allocation rights.

All offers included in the Offer and Bid Form should be submitted with final pricing. PG&E will not be conducting a price refresh as part of this solicitation. PG&E will consider offers and bids final.

Offers and bids must be submitted via e-mail to the PGE RA Solicitations mailbox (RASolicitations@pge.com), with a copy to the Independent Evaluator Charles Janecek (Charles.Janecek@PACONSULTING.COM) by the deadline indicated in Table 1. Telephonic, hardcopy, or facsimile transmission of an offer or bid is not acceptable. PG&E will not be responsible for any unsuccessful transmittals.

3. Schedule for Offers and Bids

The table below provides the tentative schedule for this Electronic Solicitation, which is subject to change at PG&E's discretion.

Table 1

Event	Target Deadline
PG&E launches e-solicitation	Friday 9/18
Offers and Bids due	5 pm (PPT), 2 Business Days after Final NQC list publication
PG&E consults with its PRG regarding its proposed shortlist.	+ 4 Business Days
PG&E notifies participants of shortlist status	+ 2 Business Days
Deadline for notified shortlisted participants to accept shortlist status and final volumes, and return partially executed confirmation(s)	+ 2 Business Days
Target full execution of confirmations	+ 3 Business Days

4. Contact Information

Questions regarding this solicitation and process should be addressed to the PGE RA Solicitations mailbox RASolicitations@pge.com, with a copy to the Independent Evaluator Charles Janecek (Charles.Janecek@PACONSULTING.COM).

5. Disclaimers

This Electronic Solicitation does not constitute an offer for sale or bid to purchase and creates no obligation to execute any agreement or to enter into any transaction. Any transactions are subject to PG&E management approval and execution of final documents. PG&E shall retain the right at any time, in its sole discretion, to reject any offer or bid and/or modify, suspend or cancel this Electronic Solicitation, for any reason whatsoever, without prior notification to Participants and without liability of any kind to, or responsibility of, PG&E or anyone acting on PG&E's behalf.

Thank you for your consideration of this Electronic Solicitation.

Kind regards,

PG&E

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**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

Barkovich & Yap, Inc.
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
Cenergy Power
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

East Bay Community Energy Ellison
Schneider & Harris LLP Energy
Management Service
Engineers and Scientists of California

GenOn Energy, Inc.
Goodin, MacBride, Squeri, Schlotz &
Ritchie

Green Power Institute
Hanna & Morton
ICF
International Power Technology

Intertie

Intestate Gas Services, Inc.
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
McKenzie & Associates

Modesto Irrigation District
NLine Energy, Inc.
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.
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
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