

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



December 22, 2021

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

Dear Mr. Jacobson,

Pacific Gas and Electric Company (PG&E) demonstrated that it met the local RA obligation in the aggregated PG&E Other local areas. But, PG&E has not met its remaining August 2021 month-ahead local RA obligation. On June 17, 2021, PG&E filed a waiver request via Advice Letter 6227-E for its remaining August 2021 month-ahead local Resource Adequacy (RA) requirements - for one local area. Energy Division staff grants the waiver request for the reasons explained, below.

Commission Decision (D.) 06-06-064 established waiver provisions for local Resource Adequacy (RA) procurement. D.20-06-031 established criteria for fulfilling local RA obligations in the six disaggregated PG&E Other local areas. D.20-06-031 also established 2021 compliance year obligations for all Load Serving Entities (LSEs). On June 17, 2021, PG&E submitted its August 2021 month-ahead local RA compliance filing, showing a deficiency in one local area, but also showing that it has met the local RA obligation in the aggregated PG&E Other local area. PG&E submitted a request for waiver from its local procurement obligation via Advice Letter 6227-E pursuant to D.06-06-064 and D.20-06-031.

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

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 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 has reviewed PG&E’s August 2021 month-ahead compliance filing and determines that PG&E has met its local RA obligation in the aggregated PG&E Other local area. Energy Division also reviewed PG&E’s actions to procure local RA resources to meet the local RA requirements of the one deficient local area; Energy Division finds PG&E’s procurement efforts 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 obligations. 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 deficient local area. The Energy Division of the California Public Utilities Commission (Commission) approves Advice Letter

6227-E, PG&E's request for a waiver from its local procurement obligation and any penalties associated with this obligation.

Thus, Energy Division grants Advice Letter 6227-E, PG&E's request for a waiver of its August 2021 month-ahead local RA procurement obligation.

Advice Letter 6227-E is effective on December 22, 2021.

Sincerely,

A handwritten signature in black ink, appearing to read "ER" followed by "(for)" in parentheses.

Edward Randolph
Deputy Executive Director for Energy and Climate Policy /
Director, Energy Division

Cc: EDComplianceReports@cpuc.ca.gov

June 17, 2021

Advice 6227-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 Local Resource Adequacy Procurement Obligations for August 2021

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 August 2021 resource adequacy (RA) compliance filing (August 2021 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 August 2021 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 24 of the Commission's *2020 Filing Guide for System, Local and Flexible Resource Adequacy (RA) Compliance Filings*, issued October 17, 2019, 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 capacity and energy product of under \$73 per kW-year, or

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.

(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 an August 2021 Filing that fails to demonstrate that PG&E has met the entirety of its local RA obligations for the August 2021 period. Besides undertaking all the procurement efforts discussed in PG&E's 2021 Annual Compliance Filing, 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 for August 2021, 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 for August 2021

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 requests for offers and other forms of solicitation.

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

PG&E undertook several electronic solicitations to fulfill its Greater Bay Area local procurement obligations for the 2021 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 a final solicitation with two phases. A Multi-

¹¹ 2021 Filing Guide for System, Local and Flexible Resource Adequacy (RA) Compliance Filings, issued October 2, 2020, p. 42.

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. PG&E held solicitations on November 10, 2020, January 7, 2021, April 7, 2021 which included requests to purchase Greater Bay Area Resource Adequacy in August, amongst other products and months. 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 and 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 and 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 and Sell System, Local, and Flexible RA Sell Import Allocation Rights Buy Import Energy
		2022	Buy and Sell Local RA (all LCAs)
Multi-Year Resource Adequacy Electronic Solicitation – Phase 2	September 18, 2020	2021	Buy and Sell System, Local, and Flexible RA Sell Import Allocation Rights Buy Import Energy
		2022	Buy and Sell Local RA (all LCAs)
February – December 2021 Resource Adequacy Electronic Solicitation	November 10, 2020	February – December 2021	Buy and Sell System, Local, and Flexible RA Sell Import Allocation Rights Buy Import Energy
Q2 Balance of Year 2021 Resource Adequacy Electronic Solicitation	January 11, 2021	April – December 2021	Buy and Sell System, Local, and Flexible RA Sell Import Allocation Rights Buy Import Energy

Q3 Balance of Year 2021 Resource Adequacy Electronic Solicitation	April 7, 2021	July – December 2021	Buy and Sell System, Local, and Flexible RA Sell Import Allocation Rights Buy Import Energy
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In addition to these solicitations, PG&E has conducted numerous market outreach activities to support the CPUC's Procurement Requirements from Decision (D.) 21-03-056. Throughout all outreach over the past six months, we have not found any additional Greater Bay Area Local Capacity beyond what was provided from the solicitations above.

B. Despite having actively pursued all commercially reasonable efforts to acquire needed resources, 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 for August 2021, 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 the Greater Bay Area LCA. However, despite commercially reasonable efforts, PG&E was unable to procure to its full local RA obligation for the Greater Bay Area LCA for August 2021.¹²

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.

¹² PG&E's results with respect to certain other LCAs are discussed separately in Advice Letter 5989-E, submitted concurrently herewith. In Advice Letter 5989-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 5989-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.

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 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 This significantly increased requirement greatly reduced the amount of excess capacity in the Greater Bay Area LCA for the 2021 compliance year, as shown in the table below.

Greater Bay Area LCA Supply & Requirement		
Year	Sum of August NQC ¹⁷ (MW)	Local Requirement ¹⁸ (MW)
2020	6906.15	4550
2021	6909.08	6353

When the excess capacity in an LCA is reduced, transactional friction can become more impactful with respect to an LSE's ability to meet its local RA requirements. While in some cases, this transactional friction can be overcome with time, the abrupt nature of the increase in the Greater Bay Area LCA LCR in June 2020 made it very challenging for PG&E to overcome this transactional friction prior to today's date.

¹³ Decision 20-06-031, p 10.

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 Summed by local area, per 2020 and 2021 NQC list issued by CPUC on September 27, 2019 and October 20, 2020, respectively. 2020 NQC List can be found at <https://www.cpuc.ca.gov/WorkArea/DownloadAsset.aspx?id=6442462785> and 2021 NQC List can be found at <https://www.cpuc.ca.gov/WorkArea/DownloadAsset.aspx?id=6442466541>.

¹⁸ 2020 Requirement was established in Decision 19-06-026, p. 7 and 2021 Requirement was established in Decision 20-06-031, p. 17.

In addition to the increase in the Greater Bay Area LCR for Compliance Year 2021, PG&E experienced a significant loss of Greater Bay Area Local Capacity because of a unit outage. Due to this outage, PG&E's August 2021 Greater Bay Area Local Capacity resources no longer meet its August 2021 Local Capacity Requirement. In fact, when this outage is accounted for, the entire Greater Bay Area LCA Supply no longer meets the Local Requirement in 2021. More specific details about this outage are described in Appendix C.

V. Confidentiality Treatment

In support of this Advice Letter, PG&E has provided the confidential information in Appendix B and Appendix C. 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, 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@pg&e.com*****

Anyone wishing to protest this submittal may do so by letter sent via U.S. mail, facsimile or E-mail, no later than July 7, 2021, which is 20 days after the date of this submittal. 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

Pursuant to General Order (GO) 96-B, Rule 5.2, this advice letter is submitted with a Tier 2 designation. PG&E requests that this Tier 2 advice submittal become effective on regular notice, July 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 list for Rulemaking (R.)17-09-020 and R.19-11-009. 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)

Appendix C: PG&E's Efforts to Mitigate Large Unit Outage (Redacted)

cc: Service Lists R.19-11-009



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) #: 6227-E

Tier Designation: 2

Subject of AL: Request for Waiver of Penalties for Failure to Meet Local Resource Adequacy Procurement Obligations for August 2021

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, SDRi@pge.com

Resolution required? ☐ Yes ☒ No

Requested effective date: 7/17/21

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:

Clear Form

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

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

1. I, 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 6227-E: PG&E Procurement Efforts in the Greater Bay Area LCA, and Confidential Appendix C to Advice Letter 6227-E: PG&E Effort to Mitigate Large Unit Outage
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
☐	Customer-specific data, which may include demand, loads, names, addresses, and billing data (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)	
☒	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)	Appendix B; Attachments 1-7
☐	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 (Protected under Govt. Code § 6254(k), (ab); 6 U.S.C. § 131; 6 CFR § 29.2)	
☐	Proprietary and trade secret information or other intellectual property and protected market sensitive/competitive data (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)	
☐	Corporate financial records (Protected under Govt. Code §§ 6254(k), 6254.15)	



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 1-7;
Appendix C



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 17th day of June, 2021 at San Francisco, California.



Scott Ranzal
Director, Portfolio Management
Pacific Gas and Electric Company

PACIFIC GAS AND ELECTRIC COMPANY (U 39 E)

**ADVICE LETTER 6227-E
ATTACHMENT TO DECLARATION**

June 17, 2021

ATTACHMENT NAME	DOCUMENT NAME	CATEGORY OF CONFIDENTIALITY	LOCATION
Confidential Appendix B	PG&E Procurement Efforts in The Greater Bay LCAs	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 1-7
Confidential Appendix B	PG&E Procurement Efforts in The Greater Bay Area LCAs	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 1-7
Confidential Appendix C	PG&E Efforts to Mitigate Large Unit Outage	Third-Party information subject to non-disclosure or confidentiality agreements or obligations	Grey shading in Appendix C

ATTACHMENT NAME	DOCUMENT NAME	CATEGORY OF CONFIDENTIALITY	LOCATION
		(Protected under Govt. Code § 6254(k); see, e.g., CPUC D.11-01-036)	

**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 6227-E**

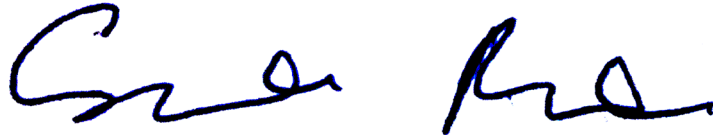
I, Scott Ranzal, declare:

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 June 17, 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 June 17, 2021 at San Francisco, California.

A handwritten signature in blue ink, appearing to read 'S. Ranzal', with a stylized, cursive script.

Scott Ranzal
Director, Portfolio Management
Pacific Gas and Electric Company

ATTACHMENT B

PACIFIC GAS AND ELECTRIC COMPANY (U 39 E)

Advice 6227-E

June 17, 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 – Attach01-Attach7.	Section VIII) A) – Bid Information	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.	Three years
Grey shading in Appendix B – Attach01-Attach7.	Public Utilities Code §454.5(g)	Confidential bid information from solicitation e.g., participating bids, counterparty names, prices and quantities offered. 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.	Three years

PACIFIC GAS AND ELECTRIC COMPANY

Appendix A

Market Notices for PG&E's Electronic Solicitations

Subject: PG&E RA and Import Energy E-Solicitation
Date: Tuesday, November 10, 2020 6:04:00 PM
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	Monday, 11/30

status and final volumes, and return partially executed confirmation(s)	
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

From: [RA Solicitations](#)
To: [RA Solicitations](#)
Cc: charles.janecek@paconsulting.com
Subject: PG&E RA and Import Energy E-Solicitation
Date: Monday, January 11, 2021 2:56:31 PM
Attachments: [EEI RA Confirm.docx](#)
[EEI Import Allocation Rights 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.

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

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

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

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

Wecker, Alan

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

RA Solicitations

To: Wecker, Alan
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

PACIFIC GAS AND ELECTRIC COMPANY

Appendix B

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

(Redacted)

[REDACTED]

From: [REDACTED]
Sent: Thursday, October 15, 2020 8:33 AM
To: [REDACTED] RA_Solicitations
Cc: [REDACTED] charles.janecek@paconsulting.com; [REDACTED]
Subject: RE: PG&E | Important information regarding your Bid | -- [REDACTED]
Attachments: [REDACTED]

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

Hi [REDACTED]

Please see attached, [REDACTED]'s response. While we have declined all of the awards, we continue to appreciate PG&E for these opportunities in a very difficult RA environment for all LSE's.

Regards,

From: [REDACTED]@pge.com]
Sent: Thursday, October 15, 2020 8:29 AM
To: RA_Solicitations <RASolicitations@pge.com>; [REDACTED]
Cc: [REDACTED] charles.janecek@paconsulting.com; [REDACTED]
[REDACTED]@pge.com> [REDACTED]@pge.com>
Subject: RE: PG&E | Important information regarding your Bid | -- [REDACTED]

External Sender: Use caution with links/attachments.

Hi [REDACTED]

Just checking in to see if you will be providing your shortlist response this morning?

Best,

From: RA_Solicitations
Sent: Wednesday, October 14, 2020 12:26 PM
To: [REDACTED]; RA_Solicitations <RASolicitations@pge.com>; [REDACTED]
[REDACTED]@pge.com>
Cc: [REDACTED]; charles.janecek@paconsulting.com; [REDACTED]
[REDACTED]@pge.com>; [REDACTED]@pge.com>
Subject: RE: PG&E | Important information regarding your Bid | [REDACTED]

Hi [REDACTED]

Thanks for reaching out. Unfortunately, we don't have any Sierra to sell in all of [REDACTED] or [REDACTED]

Best,

[REDACTED]

From: [REDACTED]

Sent: Wednesday, October 14, 2020 2:23 AM

To: RA Solicitations <RASolicitations@pge.com>

Cc: [REDACTED]; charles.janecek@paconsulting.com; [REDACTED]

[REDACTED]@pge.com>; Chan, Beverly <BYC4@pge.com>

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

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

I know that PG&E was seeking offers for Sierra. Did PG&E by any chance come into any additional volume? If so, [REDACTED] would be interested in buying [REDACTED] MW in Ca [REDACTED] and [REDACTED] MW in Cal [REDACTED]. In exchange [REDACTED] does have additional MW's to swap in [REDACTED] (Humboldt—[REDACTED] MW, Stockton [REDACTED] MW) and [REDACTED] (Fresno for [REDACTED] MW)

Regards,

[REDACTED]

From: RA_Solicitations [<mailto:RASolicitations@pge.com>]

Sent: Tuesday, October 13, 2020 7:28 PM

To: [REDACTED]

Cc: [REDACTED]; charles.janecek@paconsulting.com; [REDACTED]

[REDACTED]@pge.com>; [REDACTED]@pge.com>

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

External Sender: Use caution with links/attachments.

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

COMPANY CONFIDENTIALITY NOTICE: The information in this e-mail may be confidential and/or privileged and protected by work product immunity or other legal rules. No confidentiality or privilege is waived or lost by mis-transmission. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination, or copying of this e-mail and its attachments, if any, or the information contained herein

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[REDACTED]

From: [REDACTED]
Sent: Friday, September 25, 2020 4:55 PM
To: [REDACTED]
Cc: RA_Solicitations; [REDACTED]
Subject: RE: Request for Offers to Purchase [REDACTED] from [REDACTED]

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

Hi [REDACTED]

Thank you for submitting your offer in response to [REDACTED] issued on September 11, 2020. We appreciate your participation in [REDACTED] process, but unfortunately based on [REDACTED] review of the offers received, the offer submitted by PG&E was not shortlisted in this solicitation.

Please feel free to contact me with any questions you may have.

Thank you again,

From: [REDACTED]@pge.com>
Sent: Friday, September 18, 2020 11:53 AM
To: [REDACTED]
Cc: RA_Solicitations <RASolicitations@pge.com>
Subject: RE: Request for Offers to Purchase [REDACTED]

[REDACTED]

[REDACTED] and [REDACTED]

We are pleased to submit bids to purchase Local RA from [REDACTED]. Our preference, as provided in the bid form is to purchase the RA outright from [REDACTED]. If the only means by which [REDACTED] can make its Local RA available to PG&E in any particular month would be for PG&E to sell [REDACTED] System RA or Fresno RA in that same month, PG&E would be interested in pursuing simultaneous purchase and sales transactions (our term for RA swaps) with a cost premium to [REDACTED]'s advantage.

An additional preference for PG&E's bids is to use a long form EEI as opposed to a WSPP.

Thanks,

PG&E

From: [REDACTED]

Sent: Friday, September 11, 2020 11:26 AM

To: [REDACTED]

[REDACTED]

Cc: [REDACTED]

Subject: Request for Offers to Purchase [REDACTED]

Importance: High

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

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

-
-

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

From: [REDACTED]
Sent: Friday, September 25, 2020 10:37 AM
To: [REDACTED]
Cc: RA_Solicitations; [REDACTED]
Subject: RE: RA Solicitation - [REDACTED] Resource Adequacy Products with [REDACTED]

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

Hi [REDACTED]

Thank you for participating in [REDACTED] RA solicitation. After reviewing several responses to the solicitation, [REDACTED] will not be able to award RA to PG&E at this time. However, if something changes with the participants that have been selected, I will be sure to let you know. In the near term, if [REDACTED] is to transact with PG&E, [REDACTED] would require using the WSPP confirm.

However, for future transactions with PG&E, we are requesting the [REDACTED] to review PG&E's draft of the long form EEI. [REDACTED] would like to begin the process in getting the long form EEI approved in order to enable [REDACTED] to more easily transact with PG&E in the future.

Thanks again and have a good weekend!

[REDACTED]

From: [REDACTED]@pge.com]
Sent: Friday, September 18, 2020 4:27 PM
To: [REDACTED]
Cc: RA_Solicitations <RASolicitations@pge.com>
Subject: RE: RA Solicitation [REDACTED] Resource Adequacy Products with [REDACTED]

[REDACTED]

We are pleased to submit bids to purchase Local RA from [REDACTED]. Our preference, as provided in the bid form attached, is to purchase the RA outright from [REDACTED]. If the only means by which [REDACTED] can make its Local RA available to PG&E in any particular month would be for PG&E to sell [REDACTED] System RA or Fresno RA in that same month, PG&E would be interested in pursuing simultaneous purchase and sales transactions (our term for RA swaps) with a price premium to [REDACTED]'s advantage.

An additional preference for PG&E's bids is to use a long form EEI as opposed to a WSPP.

Thanks,

PG&E

From:

Sent: Friday, September 11, 2020 5:10:24 PM

Cc:

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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The information contained in this email may be privileged, confidential and exempt from disclosure under applicable law. The information is intended only for the use of the individual or entity to which it is addressed. If you are not the intended recipient or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this communication is strictly prohibited. If you have received this message in error, or are not the named recipient(s), please notify the sender immediately by reply email and delete this message from your computer. Thank you

The information contained in this email may be privileged, confidential and exempt from disclosure under applicable law. The information is intended only for the use of the individual or entity to which it is addressed. If you are not the intended recipient or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this communication is strictly prohibited. If you have received this message in error, or are not the named recipient(s), please notify the sender immediately by reply email and delete this message from your computer. Thank you

[REDACTED]

From: [REDACTED]
Sent: Wednesday, September 2, 2020 1:05 PM
To: [REDACTED]
Cc: [REDACTED] RA_Solicitations; charles.janecek@paconsulting.com; [REDACTED]
Subject: RE: RE: PG&E | Important information regarding your Bid | -- [REDACTED]

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

Hi,

Thank you for the follow-up. No, we are not interested in moving forward with the volume we were shortlisted for.

Also, we do not have any local area excess to sell.

Thanks,

From: [REDACTED]@pge.com>
Sent: Wednesday, September 2, 2020 10:57 AM
To: [REDACTED]@pge.com>; [REDACTED]
Cc: [REDACTED] RA_Solicitations <RASolicitations@pge.com>; charles.janecek@paconsulting.com; [REDACTED]@pge.com>
Subject: [EXTERNAL] RE: PG&E | Important information regarding your Bid | -- [REDACTED]

CAUTION: This email originated from outside of [REDACTED] Do not click links or open attachments unless you recognize the sender and know the content is safe.

[REDACTED]

Acceptance of shortlisted volumes in PG&E's Multiyear Solicitation was due yesterday by 5pm PPT. This email confirms that PG&E did not receive a response from [REDACTED]

Separately, I want to let you know that PG&E is seeking additional capacity offers in Bay Area, Kern, North Coast / North Bay, Sierra, and/or Stockton Local Capacity Areas for years [REDACTED]. If [REDACTED] is interesting in exploring options to sell PG&E capacity in the above Local Capacity Areas, please respond to this email. If there is any additional information you need from PG&E, please let me know.

Thanks,

[REDACTED]

Pacific Gas & Electric Company

[REDACTED]

From: [REDACTED]@pge.com>

Sent: Monday, August 31, 2020 7:36 PM

To: [REDACTED]

Cc: [REDACTED] RA Solicitations <RASolicitations@pge.com>; charles.janecek@paconsulting.com; Wolf, Maya
[REDACTED]@pge.com>; [REDACTED]@pge.com>

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

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

[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]

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

[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] 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]
[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

COMPANY CONFIDENTIALITY NOTICE: The information in this e-mail may be confidential and/or privileged and protected by work product immunity or other legal rules. No confidentiality or privilege is waived or lost by mis-transmission. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination, or copying of this e-mail and its attachments, if any, or the information contained herein is prohibited. If you have received this e-mail in error, please immediately notify the sender by return e-mail and delete this e-mail from your computer system.

COMPANY CONFIDENTIALITY NOTICE: The information in this e-mail may be confidential and/or privileged and protected by work product immunity or other legal rules. No confidentiality or privilege is waived or lost by mis-transmission. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination, or copying of this e-mail and its attachments, if any, or the information contained herein is prohibited. If you have received this e-mail in error, please immediately notify the sender by return e-mail and delete this e-mail from your computer system.

[REDACTED]

From: [REDACTED]
Sent: Tuesday, October 13, 2020 12:18 PM
To: [REDACTED] RA_Solicitations
Cc: Charles.Janecek@PACONSULTING.COM; [REDACTED]
Subject: Re: PG&E 2020 Multi-Year RA Solicitation - Phase 2

Thanks [REDACTED]

Looking forward to receiving [REDACTED]s EEL master review as that appears to be the last hurdle towards execution.

Thanks again

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

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 13, 2020 12:02:10 PM
To: [REDACTED]@pge.com>; RA_Solicitations <RASolicitations@pge.com>
Cc: Charles.Janecek@PACONSULTING.COM <Charles.Janecek@PACONSULTING.COM>; [REDACTED]
[REDACTED]; [REDACTED]
Subject: RE: PG&E 2020 Multi-Year RA Solicitation - Phase 2

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

[REDACTED]

Thanks for your patience in working through the details with us on the offer for the PG&E solicitation. Importantly, thanks for working with the delivery deadline/timeline language in contracting a unit that has yet to be online. We are revising our offers to the following:

Contract Quantity and Contract Price:

Thanks,

[REDACTED]

From: [REDACTED]
Sent: Monday, October 12, 2020 4:20 PM
To: [REDACTED]@pge.com>; RA_Solicitations <RASolicitations@pge.com>
Cc: Charles.Janecek@PACONSULTING.COM; [REDACTED]; [REDACTED]
Subject: RE: PG&E 2020 Multi-Year RA Solicitation - Phase 2

I am free all day. Please send an invite on your preferred time. [REDACTED] and team will jump on with us as well. Thanks

From: [REDACTED]@pge.com>
Sent: Monday, October 12, 2020 4:18 PM
To: [REDACTED]; RA_Solicitations <RASolicitations@pge.com>
Cc: Charles.Janecek@PACONSULTING.COM; [REDACTED]; [REDACTED]
Subject: RE: PG&E 2020 Multi-Year RA Solicitation - Phase 2

EXTERNAL EMAIL

Today has been a whirlwind. Are you free at 11:00AM-11:30AMCDT tomorrow? How about 12:30PM?

Thanks,

From: [REDACTED]
Sent: Friday, October 9, 2020 3:30 PM
To: RA_Solicitations <RASolicitations@pge.com>; [REDACTED]@pge.com>
Cc: Charles.Janecek@PACONSULTING.COM; [REDACTED]
Subject: Re: PG&E 2020 Multi-Year RA Solicitation - Phase 2

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

Yes, I am available anytime Monday or Tuesday. Thanks

From: [REDACTED]@pge.com>
Sent: Friday, October 9, 2020 3:32:10 PM
To: [REDACTED] RA_Solicitations <RASolicitations@pge.com>
Cc: Charles.Janecek@PACONSULTING.COM <Charles.Janecek@PACONSULTING.COM>; [REDACTED]
Subject: RE: PG&E 2020 Multi-Year RA Solicitation - Phase 2

EXTERNAL EMAIL

[REDACTED]

We are seriously considering your offer. We would like to chat to better understand the details of the offer. Are you available some time Monday or Tuesday?

Thanks,

[REDACTED]

From: [REDACTED] <[REDACTED]@pge.com>
Sent: Tuesday, October 6, 2020 2:56 PM
To: [REDACTED]; RA Solicitations <RASolicitations@pge.com>
Cc: Charles.Janecek@PACONSULTING.COM; [REDACTED]
Subject: Re: PG&E 2020 Multi-Year RA Solicitation - Phase 2

Thanks [REDACTED] I am including our RA solicitation mailbox to make sure the rest of my team sees this.

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

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 6, 2020 2:40:57 PM
To: [REDACTED] <[REDACTED]@pge.com>
Cc: Charles.Janecek@PACONSULTING.COM <Charles.Janecek@PACONSULTING.COM>; [REDACTED]
Subject: PG&E 2020 Multi-Year RA Solicitation - Phase 2

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

[REDACTED]

Please see the below terms for our Cal 21 RA offers. Please note that they are non-binding, non-conforming and subject to further internal approvals at [REDACTED]. We are routing the EEI through our legal and credit. The qualified facility will be the [REDACTED] that PG&E has under contract starting in [REDACTED]. Please let me know if you need additional detail, and please confirm receipt.

Contract Quantity and Contract Price:

[REDACTED]

Thanks,

[REDACTED]

PACIFIC GAS AND ELECTRIC COMPANY

Appendix C

PG&E's Efforts to Mitigate Large Unit Outage

(Redacted)

Appendix C - PG&E's Efforts to Mitigate Large Unit Outage (Confidential)

On May 27th, a large fire damaged the steam turbine generator of a large power facility. As a result of the event, the steam turbine and steam turbine generator experienced significant damage. The cause of the event is currently being investigated. While this investigation is taking place, [REDACTED] the owner of the facility) discussed [REDACTED] to help maintain reliability during the summer. While discussions are ongoing, the primary proposal under discussion is for [REDACTED]

**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
IGS Energy
International Power Technology
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

Office of Ratepayer Advocates
OnGrid Solar
Pacific Gas and Electric Company
Peninsula Clean Energy

Pioneer Community Energy

Redwood Coast Energy Authority
Regulatory & Cogeneration Service, Inc.
SCD Energy Solutions
San Diego Gas & Electric Company

SPURR
San Francisco Water Power and Sewer
Semptra 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