PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3298



April 5, 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,

On November 17, 2020, Pacific Gas and Electric Company (PG&E) filed a waiver request via Advice Letter 6005-E for its January 2021 month-ahead local Resource Adequacy (RA) requirement in two of the disaggregated PG&E Other local areas. However, PG&E has also demonstrated that it met the local RA obligation in the aggregated PG&E Other local area. PG&E seeks relief from its remaining January 2021 month-ahead local RA obligation and any potential Commission-imposed penalties for deficiencies. 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 six disaggregated PG&E Other local areas. The Energy Division of the California Public Utilities Commission (Commission) approves Advice Letter 6005-E, PG&E's request for a penalty waiver.

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 November 17, 2020, PG&E submitted its January 2021 month-ahead local RA compliance filing, showing a deficiency in two of the disaggregated PG&E Other local areas, 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 penalty waiver for this deficiency via Advice Letter 6005-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 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 January 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 six disaggregated local areas, and finds them reasonable considering the capacity available to meet PG&E's local RA obligation. In this case, Energy Division finds that PG&E held solicitations and pursued all commercially reasonable efforts to acquire the resources needed to meet the LSE's local procurement obligation. PG&E's waiver request includes confidential market-sensitive information supporting this finding. Thus, Energy Division grants

Advice Letter 6005-E, PG&E's request for a waiver of Commission penalties related to its January 2021 month-ahead local RA procurement.

Advice Letter 6005-E is effective on April 5, 2021.

Sincerely,

Edward Randolph

Deputy Executive Director for Energy and Climate Policy /

Director, Energy Division

MA8M (601)

Cc: EDComplianceReports@cpuc.ca.gov



Erik JacobsonDirector
Regulatory Relations

Pacific Gas and Electric Company 77 Beale St., Mail Code B13U P.O. Box 770000 San Francisco, CA 94177

Fax: 415-973-3582

November 17, 2020

Advice 6005-E

(Pacific Gas and Electric Company – U 39 E)

Public Utilities Commission of the State of California

Subject: Demonstration Related to PG&E's Disaggregated PG&E Other Local

Capacity Area Requirements for January 2021, Pending Approval of AL 5989-E (Required Demonstration for PG&E's Disaggregated PG&E Other Local Capacity Area Requirements in Compliance with Ordering

Paragraph 22(a) of Decision 20-06-031)

I. <u>Purpose</u>

In Advice Letter (AL) 5989-E, Pacific Gas and Electric Company (PG&E) demonstrated that PG&E had fulfilled its local resource adequacy (RA) procurement obligations in the six disaggregated "Pacific Gas and Electric Company Other" (PG&E Other) local capacity areas (LCA) pursuant to Ordering Paragraph 22 of Decision 20-06-031. Upon approval of AL 5989-E, PG&E will be deemed to have fulfilled its RA obligations in the six disaggregated PG&E Other LCAs in accordance with Decision 20-06-031.

Notwithstanding the foregoing, PG&E explained in footnote 1 of AL 5989-E that the demonstration contained in Section IV of AL 5989-E met all requirements for a successful waiver of penalties request set forth in Decision 06-06-064, as modified by Decision 19-06-026. Thus, PG&E stated that, if Energy Division determines that PG&E has not met the requirements of Ordering Paragraph 22 of Decision 20-06-031 for any reason, Energy Division should treat AL 5989-E as a request for waiver of penalties for failure to meet local RA procurement obligations in the PG&E Other LCA.

While PG&E continues to believe that AL 5989-E will be approved shortly (because it has fulfilled its RA obligations in the six disaggregated PG&E Other LCAs in accordance with Decision 20-06-031) and that no further action is required by PG&E with respect to the required showing under Ordering Paragraph 22 of Decision 20-06-031, in order to meet the continuing requirements for a request for waiver of penalties (if it proves necessary due to a finding by Energy Division that PG&E has not met the requirements of Ordering Paragraph 22 of Decision 20-06-031), PG&E explained that, unless and until AL 5989-E becomes effective and PG&E is deemed to have fulfilled its RA obligations in the six disaggregated PG&E Other LCAs in accordance with Decision 20-06-031, it would

continue to submit Tier 2 Advice Letters with each monthly compliance filing to make the required demonstration for a request for waiver of penalties.

Because AL 5989-E has not yet been approved and PG&E has not yet been deemed to have fulfilled its RA obligations in the six disaggregated PG&E Other LCAs in accordance with Decision 20-06-031, PG&E is submitting this Tier 2 Advice Letter for the reason explained above.

II. Background

Pursuant to Decisions 06-06-064, 19-06-026, and 20-06-031, PG&E submitted AL 5989-E in furtherance of fulfillment of its local RA procurement obligations in the six disaggregated PG&E Other LCA. In accordance with Ordering Paragraph 22(a) of Decision 20-06-031 and Decision 06-06-064, PG&E made the required demonstration for its disaggregated PG&E Other local capacity requirements at the same time it submitted its 2021 Annual Compliance Filing. As required under Ordering Paragraph 22(b) of Decision 20-06-031, PG&E's 2021 Annual Compliance Filing demonstrated procurement by PG&E of local RA capacity within the PG&E Other LCAs such that PG&E's collective procurement in the six disaggregated PG&E Other LCAs met PG&E's collective requirement for the disaggregated PG&E Other LCAs. Thus, pursuant to Decision 20-06-031, PG&E fulfilled its RA obligations in the six disaggregated PG&E Other LCAs.

Notwithstanding the foregoing, the demonstration contained in Section IV of AL 5989-E met all requirements for a successful waiver of penalties request set forth in Decision 06-06-064, as modified by Decision 19-06-026. Thus, PG&E stated in AL 5989-E that, if Energy Division determines that PG&E has not met the requirements of Ordering Paragraph 22 of Decision 20-06-031 for any reason, Energy Division should treat AL 5989-E as a request for waiver of penalties for failure to meet local RA procurement obligations in the PG&E Other LCA, in which case PG&E would need to submit Tier 2 Advice Letters with each monthly compliance filing to make the required demonstration for a request for waiver of penalties.

Because AL 5989-E has not yet been approved and PG&E has not yet been deemed to have fulfilled its RA obligations in the six disaggregated PG&E Other LCAs in accordance with Decision 20-06-031, PG&E is submitting this Tier 2 Advice Letter in compliance with the requirements related to requests for waivers of penalties. Once AL 5989-E is approved, PG&E will cease submitting any Tier 2 Advice Letters because no further action will be required by PG&E with respect to the required showing under Ordering Paragraph 22 of Decision 20-06-031, and PG&E will be deemed to have fulfilled its RA obligations in the six disaggregated PG&E Other LCAs such that no waiver of penalties will be necessary.

III. Required Demonstration for Waiver of Penalties Request

Decision 06-06-064 sets forth the required contents of a waiver of penalties request,¹ and Decision 19-06-026 provides an update to such required contents.² Section 24 of the Commission's 2021 Filing Guide for System, Local and Flexible Resource Adequacy (RA) Compliance Filings, issued October 2, 2020, 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
 - (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.³

² Decision 19-06-026, Ordering Paragraph 6.

¹ Decision 06-06-064, pp. 72-73.

³ 2021 Filing Guide for System, Local and Flexible Resource Adequacy (RA) Compliance Filings R.19-11-009, issued October 2, 2020, p. 43.

IV. PG&E's Demonstration for PG&E's Disaggregated PG&E Other Local Capacity Requirements, Pending Approval of AL 5989-E

PG&E submitted a 2021 Annual Compliance Filing and AL 5989-E that demonstrated that PG&E fulfilled its RA obligations in the six disaggregated PG&E Other LCAs by meeting the requirements set forth in Ordering Paragraph 22 of Decision 20-06-031, for the 2021-2022 period. Because AL 5989-E has not yet been approved and it remains possible that Energy Division could determine that PG&E has not met the requirements of Ordering Paragraph 22 of Decision 20-06-031 such that a request for waiver of penalties would be necessary, PG&E is filing this Tier 2 Advice Letter in compliance with the requirements related to requests for waivers of penalties.⁴

As described below, PG&E reasonably and in good faith issued several electronic solicitations and made all commercially reasonable efforts to meet its disaggregated local RA procurement obligations, but it was unable to close its short positions.

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

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

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

PG&E undertook several electronic solicitations to fulfill its disaggregated local procurement obligations for the 2021-2022 compliance years. 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, North Coast/North Bay, Sierra, Kern and Stockton 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 the disaggregated PG&E 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-Year Resource Adequacy Electronic Solicitation — Phase 1 was launched on August 11, 2020 for purchases and sales of Local, System, and Flexible RA,

Once AL 5989-E is approved, PG&E will cease filing any Tier 2 Advice Letters because no further action will be required by PG&E with respect to the required showing under Ordering Paragraph 22 of Decision 20-06-031, and PG&E will be deemed to have fulfilled its RA obligations in the six disaggregated PG&E Other LCAs such that no waiver of penalties will be necessary.

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. 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	April 6, 2020	July – December 2020	Buy and Sell System, Local, and Flexible RA Sell Import Allocation Rights
Adequacy Electronic			Buy Import Energy
Solicitation		2021-2023	Buy Local RA (Greater Bay Area LCA, and well as the other LCAs)
Q4 Balance of Year +	July 9, 2020	October –	Buy and sell System, Local,
2021-2022 Local RA Procurement Resource		December 2020	and Flexible RA
Adequacy Electronic		2020	Sell Import Allocation Rights Buy Import Energy
Solicitation		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)

B. Despite having actively pursued all commercially reasonable efforts to acquire needed resources in the PG&E Other LCAs, PG&E either received no bids, received no bids under the specified thresholds, or received bids below these thresholds but such bids included what PG&E believes are unreasonable terms and/or conditions

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 six disaggregated PG&E Other LCAs, PG&E either: (a) received no bids, (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 (c) received bids below these thresholds but such bids included what PG&E believes are unreasonable terms and/or conditions, in which case the waiver request must demonstrate why such terms and/or conditions are unreasonable.

Results

PG&E was able to procure capacity in each of the six disaggregated PG&E Other LCAs. However, despite commercially reasonable efforts, PG&E was unable to procure to its full local RA obligations for the Sierra and Stockton LCAs.

In each of these local areas, there were (a) suppliers who had no capacity to sell and therefore PG&E received no bids from those suppliers, (b) suppliers that submitted bids to PG&E with prices that exceeded the applicable \$51 per kW-year or \$73 per kW-year thresholds, or (c) suppliers that submitted bids to PG&E with prices below the applicable thresholds, but such bids included what PG&E believes are unreasonable terms and/or conditions. Detailed descriptions of PG&E's efforts to procure in each of these areas, including descriptions of bids received and a demonstration of why the terms and/or conditions included in bids with prices below the applicable thresholds were unreasonable, can be found in Appendix B.

C. Other information

PG&E notes that, in some local areas, the generating capacity available is close to the total level of the requirements in local areas. The table below shows the quantity of capacity on the 2021 net qualifying capacity (NQC) list as well as the 2021 local requirements for the Kern, Sierra, and Stockton areas.

Local Area	Sum of August NQC ⁵ (MW)	2021 Local Requirement ⁶ (MW)	Excess Supply (MW)
Kern	393.17	413	0
North Coast North Bay	832.15	842	0
Sierra	1876.82	1821	55.82
Stockton	607.62	596	11.62

While demand response resources are also available to meet local requirements, the table illustrates how little excess generating capacity exists in these regions.

⁵ Summed by local area, per 2021 NQC list issued by CPUC on October 20, 2020. File can be found at https://www.cpuc.ca.gov/WorkArea/DownloadAsset.aspx?id=6442466541.

⁶ Decision 20-06-031, p. 17.

PG&E also notes that the 2021 local requirements were established using the NQC list from 2020. To the extent there are changes (e.g. due to updated Hydro NQC methodology changes) in the capacity represented on the NQC list between years, this may also have an impact on the ability to meet local requirements.

This submittal would not increase any current rate or charge, cause the withdrawal of service, or conflict with any rate schedule or rule.

V. Confidentiality Treatment

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

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

Anyone wishing to protest this submittal may do so by letter sent via U.S. mail, facsimile or E-mail 20 days after the date of this submittal. Per Rule 1.15 of the Rules of Practice and Procedure of the CPUC, for filing days that fall on a Saturday, Sunday, holiday, or other days when the Commission offices are closed, the time limit is extended to include the first day thereafter. As such, protests to this submittal are due no later than December 7, 2020. 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:

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

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

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

VII. Effective Date

PG&E requests that this Tier 2 advice letter become effective on regular notice, December 17, 2020 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 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/			

Erik Jacobson
Director, Regulatory Relations

Attachments:

Appendix A: Market Notice of PG&E's Electronic Solicitations

Appendix B: PG&E's Procurement Efforts in Sierra and Stockton LCAs (Redacted)

cc: Service List R.19-11-009





California Public Utilities Commission

ADVICE LETTER



LINERGI UIILIII	CAU			
MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)				
Company name/CPUC Utility No.: Pacific Gas and Electric Company (ID U 39 E)				
Utility type: LEC GAS WATER PLC HEAT	Contact Person: Stuart Rubio Phone #: (415)973-4587 E-mail: PGETariffs@pge.com E-mail Disposition Notice to: SHR8@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) #: 6005-E	Tier Designation: 2			
Subject of AL: Demonstration Related to PG&E's Disaggregated PG&E Other Local Capacity Area Requirements for January 2021, Pending Approval of AL 5989-E (Required Demonstration for PG&E's Disaggregated PG&E Other Local Capacity Area Requirements in Compliance with Ordering Paragraph 22(a) of Decisio				
Keywords (choose from CPUC listing): Compliant AL Type: Monthly Quarterly Annual Annua				
If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: D.20-06-031				
Does AL replace a withdrawn or rejected AL? I	If so, identify the prior AL: $_{ m No}$			
Summarize differences between the AL and th	e prior withdrawn or rejected AL:			
Confidential treatment requested? Yes	☐ No			
If yes, specification of confidential information: Confidentiality deceleration 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, 415-264-3638, SDRi@pge.com				
Resolution required? Yes No				
Requested effective date: $11/17/20$	No. of tariff sheets: $_{ m 0}$			
Estimated system annual revenue effect (%): $_{ m N/A}$				
Estimated system average rate effect (%): $\mathrm{N/A}$				
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: $_{ m N/A}$				
Service affected and changes proposed $^{ ext{1:}}$ $_{ ext{N/A}}$	A			
Pending advice letters that revise the same ta	riff sheets: $_{ m N/A}$			

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: Erik Jacobson, c/o Megan Lawson

Title: Director, Regulatory Relations

Utility Name: Pacific Gas and Electric Company Address: 77 Beale Street, Mail Code B13U

City: San Francisco, CA 94177

State: California Zip: 94177

Telephone (xxx) xxx-xxxx: (415)973-2093 Facsimile (xxx) xxx-xxxx: (415)973-3582

Email: PGETariffs@pge.com

Name:

Title:

Utility Name:

Address:

City:

State: District of Columbia

Zip:

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

Email:

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

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

 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

- 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.
- Title and description of document(s): Filing_Evidence_CONF.pdf (Confidential Attachments
 1-14 of Appendix B to Advice Letter 6005-E: PG&E Procurement Efforts in Sierra and
 Stockton LCAs)
- 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 et seq.; 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	Attachments 1-14 of
\boxtimes	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	Appendix B
	(Protected under Civ. Code §§ 1798 et seq.; Govt. Code § 6254; 42 U.S.C. § 1320d-6; and General Order (G.O.) 77-M)	
	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 et seq.; Govt. Code §§ 6254, et seq., 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)	

(Protected under Govt. Code § 6254(k); see, e.g., CPUC D.11-01-036) Other categories where disclosure would be against the	Third-Party information subject to non-disclosure or confidentiality agreements or obligations	Attachments 1-14 of Appendix B
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public interest (Govt. Code § 6255(a))	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 November, 2020 at San Francisco, California.

Scott Ranzal

Director, Portfolio Management Pacific Gas and Electric Company

PACIFIC GAS AND ELECTRIC COMPANY (U 39 E)

ADVICE LETTER 6005-E ATTACHMENT TO DECLARATION

November 17, 2020

ATTACHMENT NAME	DOCUMENT NAME	CATEGORY OF CONFIDENTIALITY	LOCATION
Filing_Evidence_CONF.pdf	Filing_Evidence_CONF	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 et seq.; Govt. Code § 6254; 42 U.S.C. § 1320d-6; and General Order (G.O.) 77-M)	Grey shading in Appendix B, Attachments 1-14
Filing_Evidence_CONF.pdf	Filing_Evidence_CONF	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, Attachments 1-14

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 6005-E

I, Scott Ranzal, declare:

- 1. I am the Director of Portfolio Management within Energy Policy and Procurement at Pacific Gas and Electric Company (PG&E). In this position, my responsibilities include oversight of commercial activities and interactions with market participants related to Resource Adequacy. This declaration is based on my personal knowledge of PG&E's practices and my understanding of the Commission's decisions protecting the confidentiality of market-sensitive information.
- 2. Based on my knowledge and experience, and in accordance with the Decisions 06-06-066, 08-04-023, and relevant Commission rules, I make this declaration seeking confidential treatment for certain data and information provided to the Commission's Energy Division on November 17, 2020.
- 3. Attached to this declaration is a matrix identifying the data and information for which PG&E is seeking confidential treatment. The matrix specifies that the material PG&E is seeking to protect constitutes confidential market sensitive data and information covered by D.06-06-066 and Public Utilities Code §454.5(g). The attached matrix also specifies why confidential protection is justified. Further, the data and information: (1) is not already public; and (2) cannot be aggregated, redacted, summarized or otherwise protected in a way that allows partial disclosure. By this reference, I am incorporating into this declaration all of the explanatory text that is pertinent to my declaration in the attached matrix.

I declare under penalty of perjury, under the laws of the State of California, that the foregoing is true and correct. Executed on November 17, 2020 at San Francisco, California.

Scott Ranzal

Director, Portfolio Management Pacific Gas and Electric Company

no fro

ATTACHMENT 1

PACIFIC GAS AND ELECTRIC COMPANY (U 39 E)

Advice 6005-E November 17, 2020

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:			
Filing_Evidence _CONF.pdf	Section VIII) A) – Bid Information	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
Filing_Evidence _CONF.pdf	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 Notice of PG&E's Electronic Solicitations

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	Tuesday 9/1 5pm PPT
final volumes	
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 < <u>Charles.Janecek@PACONSULTING.COM</u>> **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
()ffers and Rids dije	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:

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

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

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

1. Master Agreement and Confirmations

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

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

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

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

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

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

2. Submitting Offers and Bids

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

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

Offers and bids must be submitted via e-mail to the PGE RA Solicitations mailbox (<u>RASolicitations@pge.com</u>), with a copy to the Independent Evaluator Charles Janecek (<u>Charles.Janecek@PACONSULTING.COM</u>) 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	Monday 4/27 12 pm PPT
final volumes	
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:

- a) PG&E is interested in simultaneous purchase/sale transactions in the same delivery month. (*i.e.*, **simultaneous PG&E buys/PG&E sells**).
- b) 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 (<u>RASolicitations@pge.com</u>), with a copy to the Independent Evaluator Charles Janecek (<u>Charles.Janecek@PACONSULTING.COM</u>) 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

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	Thursday 7/23 5pm PPT			
final volumes				
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 Procurement Efforts in Sierra and Stockton LCAs

Appendix B: PG&E Procurement Efforts in Sierra and Stockton LCAs January 2021

PG&E has determined that it will be unable to meet its CPUC Local Resource Adequacy (RA) compliance requirements in the individual two local areas: Stockton and Sierra. The following is a summary of all activities PG&E has taken to-date to close its CPUC compliance position.

Background on Commercial Activities

On April 6, when launching its Q3 Balance of Year and 2021-2023 Local RA Procurement RA Electronic Solicitation, PG&E included a statement indicating that the Utility was interested in RA Capacity from PG&E Local Areas in 2021-2023. While PG&E received some Local RA offers, it only transacted with one counterparty for a small amount (less than 10 megawatts (MW)) of Sierra RA Capacity for 4 months in 2021.

On July 9, when launching its Q4 Balance of Year and 2021-2022 Local RA Procurement RA Electronic Solicitation, PG&E included a statement indicating that the Utility was interested in RA Capacity from PG&E Local Areas in 2021-2022. While PG&E received some Local RA offers, none of the offers were for time periods and locations where PG&E had a Local RA need at the time of the evaluation of bids and offers.

On August 11, when launching Phase 1 of its Multi-Year RA Electronic Solicitation, PG&E included a statement indicating that the Utility had a need in five local capacity areas (LCAs): Greater Bay Area, Kern, Stockton, Sierra and North Coast North Bay. Following bid submissions from Phase 1 of the solicitation, PG&E determined that there was still a need in these five local areas, PG&E reviewed the broker market to determine if there was available capacity in these five local areas; however, it was apparent through a review of the broker market that there was either limited capacity or prices were well above \$51 per kW-year. Given this, PG&E decided to complete additional research to determine who might have capacity to close its short positions as described in the subsequent paragraph.

PG&E assessed all resources that have capacity in the LCAs where PG&E had a need. Similar to PG&E's 2019 waiver filing,¹ PG&E reviewed numerous sources to understand existing contractual relationships between generators and municipal utilities and/or other LSEs with respect to resources in these LCAs. Comparing this information to the information PG&E currently has about its own portfolio, as well as the total physical capacity in the LCAs, PG&E was able to ascertain which counterparties were likely to have capacity available to sell. PG&E used this information to contact those potential suppliers and request that they participate in Phase 2 of PG&E's Multi-Year RA Solicitation.

Below, PG&E summarizes communications and attaches supporting documentation, organized first as it applies to all areas where PG&E remains short, and then by each LCA. For each section, evidence is organized into three categories, where PG&E received:

¹ AL 5677-E

- No bids;
- No bids for an unbundled RA capacity contract of under \$51 per kW-year (CPUC's Local RA waiver trigger price) or for a bundled capacity and energy product of under \$73 per kW-year; and
- Bids below the thresholds, but such bids included what PG&E believes are unreasonable terms and/or conditions, in which case PG&E demonstrates below why such terms and/or conditions are unreasonable.

In addition to these three categories, PG&E also compared prices against the CAISO Capacity Procurement Mechanism (CPM) soft-offer cap of \$75.72 per kW-year or \$6.31/kW-mo.

For All Disaggregated PG&E Other Local Areas where PG&E Remains Short

1. PG&E contacted eight non-Commission-jurisdictional municipal utilities that own or contract with capacity in the Sierra and Stockton LCAs to inquire about purchasing local capacity in these areas.

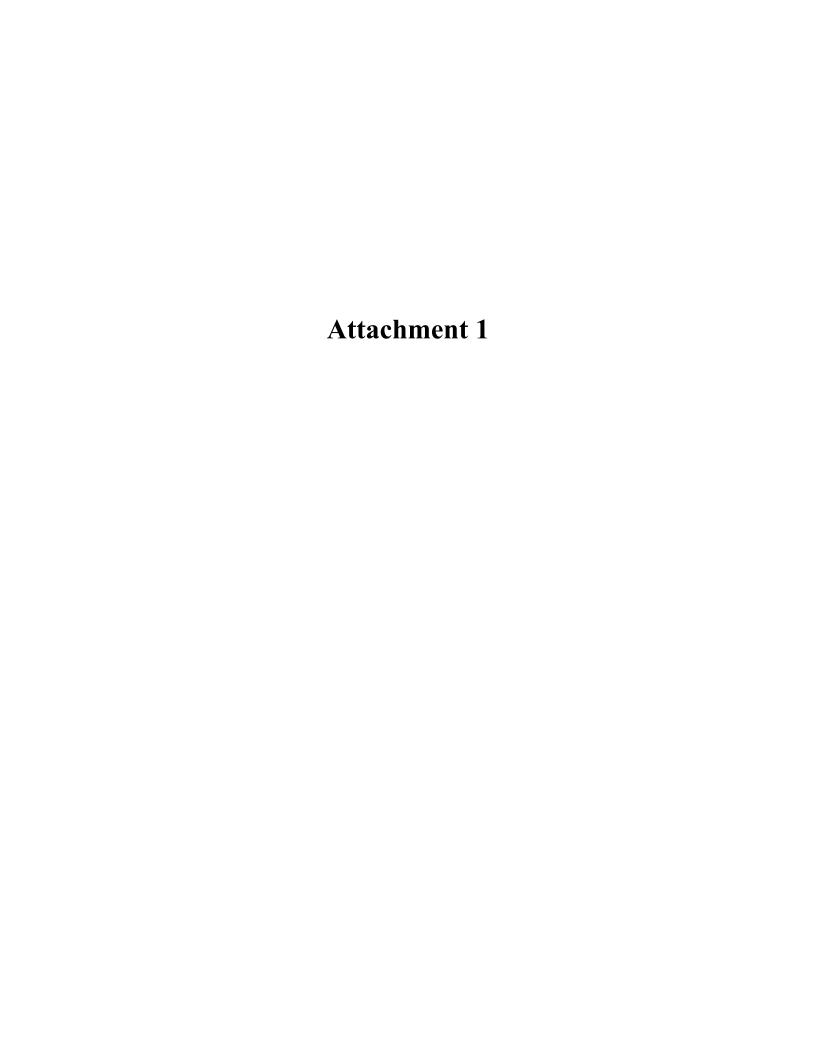
No bids

- i. Three of these entities have been unresponsive to PG&E's outreach to date.
- ii. Three municipal utilities held solicitations in which the entities were selling North Coast North Bay, Sierra, and/or Stockton. PG&E submitted bids into but did not receive any awards from all three of the Market Request for Proposals. See Attachments 1-3 for evidence of communications with the counterparties mentioned above.
- iii. One municipal utility communicated that IT did not have any available capacity. See Attachment 4 for evidence of communications with the counterparty mentioned above
- iv. One municipal utility participated in PG&E's Multi-Year RA Solicitation and offered Sierra RA Capacity as part of a set of simultaneous purchase and sell transactions but was unable to accept PG&E's award due to timing and other concerns. See Attachment 5 for evidence of this rejection.
- 2. PG&E collected evidence related to communications with CPUC-jurisdictional counterparties who own or have contracted with resources in the identified LCAs who did not offer into any of PG&E's RA solicitations as well as entities who bid into PG&E's Multi-Year RA Solicitation.
 - PG&E asked each entity that participated in both phases of PG&E's Multi-Year RA Solicitation if they had any MWs during the time periods where PG&E had not yet acquired the sufficient resources to meet its Local RA compliance requirements.

No bids

 Five potential counterparties all indicated that they did not have available MWs to help resolve PG&E's need. Please see Attachments 6-10 for examples of communications with the counterparties mentioned above.

- No bids for an unbundled RA capacity contract of under \$51 per kW-year (CPUC's Local RA waiver trigger price) or for a bundled capacity and energy product of under \$73 per kW-year
 - i. Two counterparties offered to sell Local RA capacity to PG&E at prices well above the CPUC's Local RA waiver trigger. Please see Attachments 11-12 for evidence of communications with these counterparties.
- Bids below the thresholds, but such bids included what PG&E believes are unreasonable terms and/or conditions, in which case PG&E demonstrates below why such terms and/or conditions are unreasonable.
 - i. Two potential counterparties all indicated that they did have available MWs to help resolve PG&E's need. However, each counterparty indicated that it was only willing to sell the available capacity if PG&E would make capacity available in a location or time period where PG&E could not make the capacity available because PG&E was already deficient in those locations or time periods. As a result, these terms and/or conditions were unreasonable. Please see Attachments 13-14 for evidence of communications with the counterparties mentioned above.



From: Sent: To: Cc: Subject:	Friday, September 25, 2020 4:55 PM RA_Solicitations; RE: Request for Offers to Purchase Resource Adequacy Products from
*****CAUTION: This email wattachments.****	as sent from an EXTERNAL source. Think before clicking links or opening
Thank you for submitting your oparticipation in sprocess, PG&E was not shortlisted in this	out unfortunately based on s review of the offers received, the offer submitted by
Please feel free to contact me w	ith any questions you may have.
Thank you again,	
From Page 202 Sent: Friday, September 18, 202 To:	e.com> 0 11:53 AM
Cc: RA_Solicitations <rasolicitations <b="">Subject: RE: Request for Offers</rasolicitations>	, -
	Our preference, as provided in the bid form is to If the only means by which can make its Local RA available to PG&E in any G&E to sel System RA or Fresno RA in that same month, PG&E would be interested ase and sales transactions (our term for RA swaps) with a cost premium to

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

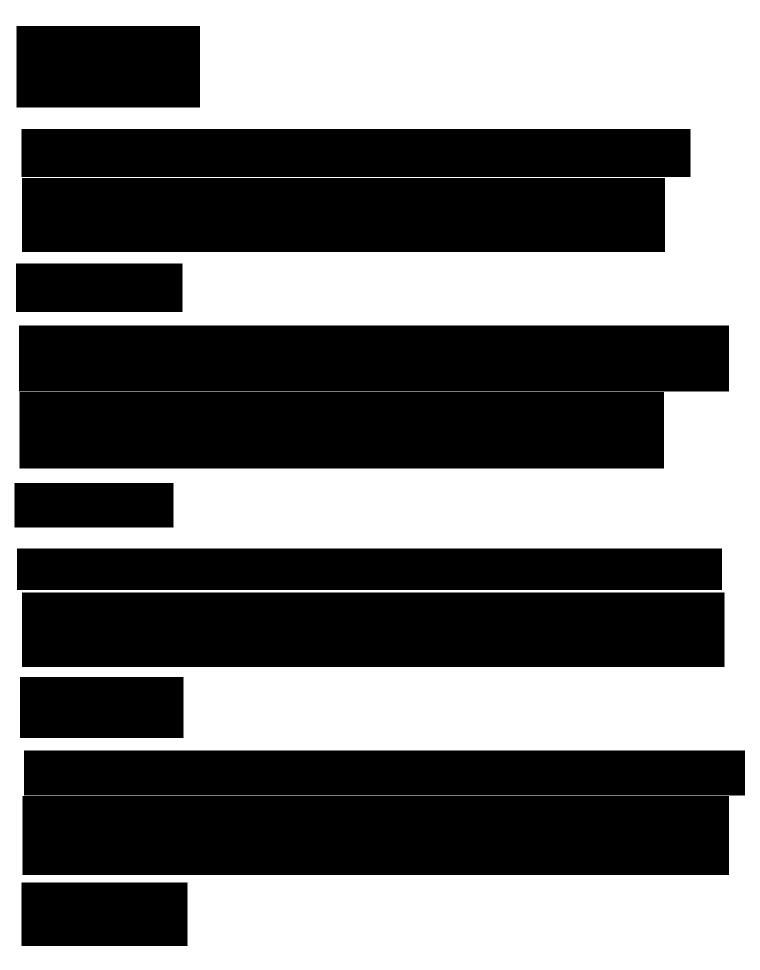
Thanks,			
PG&E			
	I	ı	





From: Wednesday, October 21, 2020 8:47 AM Sent: To: Cc: Subject: RA Solicitation - Request for Bids Cal *****CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.**** Apologies for the delay in responding. Thank you for your response to this RFP. Unfortunately, your bids were outbid by other respondents. We are currently working on these contracts with other counterparties, however if anything else opens up in the future we will let you know, and will continue to include your entity for any future RFPs. If you have any questions or concerns, please feel free to reach back. Thank you, From: Sent: Thursday, October 15, 2020 1:20 PM To: @pge.com> **RA Solicitations** Cc: <RASolicitations@pge.com> Subject: RE: RA Solicitation - Request for Bids Cal Thank you we'll notify winning counterparties early next week. Have a great weekend! From: @pge.com> Sent: Wednesday, October 14, 2020 8:06 AM Lo. Cc RA Solicitations <RASolicitations@pge.com> A Solicitation - Request for Bids Cal use ue Oct 16@ 2PM PPT Subject: RE:

I have attached PG&E's response to the
Thanks,
From: Sent: Tuesday, October 13, 2020 9:35 AM Cc:
Subject: RE: RA Solicitation - Request for Bids Cal due Oct 16@ 2PM PP1
******CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.**** Hello, Just wanted to clarify the capacity sales below are for Call the email is showing by error. Please use attached template to submit your responses.
Thank you,
From Sent: Tuesday, October 13, 2020 8:25 AM To: Cc: Subject: RA Solicitation - Request for Bids Cal due Oct 16@ 2PM PPT
Greetings,





From: Sent: To: Cc: Subject:	Friday, September 25, 2020 10:37 AM RA_Solicitations; RE: RA Solicitation - Resource Adequacy Products with	
*****CAUTION: This email wa attachments.****	as sent from an EXTERNAL source. Think before clicking links or opening	
	RA solicitation. After reviewing several responses to the solicitation will at this time. However, if something changes with the participants that have been know. In the near term, if the solicitation will be with the participants that have been would require using the	
However, for future transactions with PG&E, we are requesting the would like to begin the process in getting the long form EEI approved in order to enable to more easily transact with PG&E in the future.		
Thanks again and have a good we	eekend!	
From: Sent: Friday, September 18, 2020 To: Cc: RA_Solicitations < RASolicitation Subject: RE: RA Solicitation -		
We are pleased to submit bids to to purchase the RA outright from particular month would be for PG in pursuing simultaneous purchas advantage.	If the only means by which can make its Local RA available to PG&E in any	
An additional preference for PG&	E's bids is to use a long form EEI as opposed to a WSPP.	
Thanks,		
PG&E		





F	
From:	
Sent:	Friday, October 16, 2020 12:21 PM
То:	RA_Solicitations
Subject:	RE: Sierra Resource Adequacy
*****CAUTION: This email w	as sent from an EXTERNAL source. Think before clicking links or opening attachments.****
II II	
We are all sold out of RA for	If you would like to know more about our future RA availability, please give
me a call.	
Thanks	
Original message	
From:	@pge.com>
Date: 10/16/20 10:43 AM (GN	
To:	gpge.com>, RA_Solicitations <rasolicitations@pge.com></rasolicitations@pge.com>
Cc:	
Subject: RE: Sierra Resource A	Adequacy
We continue to be interested	in Sierra RA for We would be willing to do a bilateral transaction. Is there
any interest in selling to PG&	
,	
Thanks,	
mamo,	
-	
From:	
Sent: Thursday, September 10	
To: RA Solicitations < RASolici	itations@pge.com>;
Cc:	
Subject: RE: Sierra Resource A	Adequacy
*****CAUTION: This email wa	as sent from a <u>n EXTERNAL source. Think before clickin</u> g j _{inks} or opening attachments.*****
Thank you, I have forwarded	
these sort of inquiries.	

From: RA_Solicitations <rasolicitations@pge.com<mailto:rasolicitations@pge.com>> Sent: Thursday, September 10, 2020 7:41 AM To:</rasolicitations@pge.com<mailto:rasolicitations@pge.com>
Subject: RE: Sierra Resource Adequacy
We are also interested in
Thanks,
PG&E RA Team
From: pge.com <mailto pge.com="">> Sent: Wednesday, September 2, 2020 5:20 PM To: Cc: RA_Solicitations <rasolicitations@pge.com<mailto:rasolicitations@pge.com>> Subject: Sierra Resource Adequacy</rasolicitations@pge.com<mailto:rasolicitations@pge.com></mailto>
I am reaching out because PG&E is interested in purchasing RA from the Sierra Local Capacity Area fo understand that pwns rights to capacity in this Local Capacity Area, and I want to see if in participating in PG&E's upcoming Resource Adequacy solicitation. The solicitation will launch in mid-September. PG&E could also be interested in negotiations; however, we strongly prefer to transact via solicitation.
Please let me know if you are interested in exploring options to transact Sierra Local Capacity, or if there is any additional information you need from PG&E first.
Thanks,
Pacific Gas & Electric Company

From: Sent: Friday, October 16, 2020 8:18 AM To: Cc: charles.janecek@paconsulting.com; RE: PG&E Important information regarding your Bid
Thanks for the response. We understand the timing considerations. If reconsiders, we continue to be interested in the Sierra MWs.
Thanks,
From: Sent: Thursday, October 15, 2020 2:46 PM To: pge.com>; pge.com>
Cc harles.janecek@paconsulting.com; pge.com> Subject: RE: PG&E Important information regarding your Bid
*****CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.****
I just received word back from earn earn. They have some concerns with the contract language in the confirms. Due to the short time frame it doesn't appear we will be able to move forward with the Sierra/Fresno swap. I certainly appreciate your time and effort on our bid and look forward to working with you all on future deals.
Thanks,
From.
Sent: Thursday, October 15, 2020 11:37 AM

Dpge.com>; To: charles.janecek@paconsulting.com; Cc: pge.com> Subject: RE: PG&E | Important information regarding your Bid | Apologies for the delay. Since this is with PG&E they are currently reviewing the confirms/contracts that you all provided Tuesday evening. I've asked that give me a final answer by end of day today as to whether they would like to move forward. Would that work for you all? Thanks, From pge.com> Sent: Thursday, October 15, 2020 11:31 AM To: @pge.com>; Cc charles.janecek@paconsulting.com _{ത്വര}e.com> Subject: RE: PG&E | Important information regarding your Bid | *-*EXTERNAL*-* Think before clicking links or attachments. I know you are busy running your own solicitation, but we really need a response from you (either accepting the award or declining it) to be able to reach several internal deadlines. You are the last CP that hasn't provided a response, so we will likely need to move forward without you if we don't hear back soon. Thanks,



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

Best,

From: RA_Solicitations <RASolicitations@pge.com>

Sent: Tuesday, October 13, 2020 7:51 PM

To

charles.janecek@paconsulting.com;

@pge.com>;

<u> ഉപ്പുe.com></u>

Subject: PG&E | Important information regarding your Bid |

Dear

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

Thank you, PG&E Bid Team

From: Sent: To: Cc: Subject:	Thursday, September 10, 2020 9:14 AM RA Solicitations; charles.janecek@raconsulting.com; RE: [EXTERNAL]RE: PG&E Important information regarding your Bid
*****CAUTION attachments.**	: This email was sent from an EXTERNAL source. Think before clicking links or opening ****
Sorry for not resp PG&E has begun	conding. I act <u>ually sold the equirements.</u> I actually sold the equirements.
From: RA Solicita	ations <rasolicitations@pge.com></rasolicitations@pge.com>
Sent: Thursday, S	September 10, 2020 10:52 AM
-	@pge.com>; RA_Solicitations <rasolicitations@pge.com>; paconsulting.com; @pge.com>; @pge.com> BAL]RE: PG&E Important information regarding your Bid</rasolicitations@pge.com>
CAUTION: This recognize the se	email originated from outside of the organization. Do not click links or open attachments unless you nder and know the content is safe.
Hi	
Hope all is well. I product?	Following up on this notification, would be interested in exploring alternative structures for this
Best,	
From: Sent: Monday, A To:	©pge.com> ugust 31, 2020 7:39 PM

Cc RA Solicitations < RASolicitations@pge.com >; charles.janecek@paconsulting.com; @pge.com >;

Subject: PG&E | Important information regarding your Bid |

Dear

Please see the attached PDF document for information regarding your bid.

Thank you, PG&E Bid Team

From: Sent: To: Cc: Subject:	Thursday, September 3, 2020 5:32 PM RA_Solicitations Re: Sierra Resource Adequacy
*****CAUTION attachments.**	: This email was sent from an EXTERNAL source. Think before clicking links or opening
Thank you for the other party for	I don't think there is anything to pursue because we are pretty far along with or and beyond.
To: Cc: RA_Solicitation	@pge.com> September 3, 2020 5:23:58 PM ons <rasolicitations@pge.com> ra Resource Adequacy</rasolicitations@pge.com>
Hi	
Thanks again for	your responses this morning.
We are not in the	e market for additional capacity.
	ou have any further questions about pursuing an RA-only contract. If you're open to this direction, our oursue through our solicitation, which will launch mid-month.
	Il be out of the office tomorrow through next Thursday; please be sure to 'cc our solicitations inbox and gues will be able to work with you in my absence.
Best,	

Pacific Gas & Electric Company

From: Sent: Thursday, September 3, 2020 10:57 AM To: Cc: RA_Solicitations <rasolicitations@pge.com> Subject: RE: Sierra Resource Adequacy</rasolicitations@pge.com>
I am confirming receipt of your reply. I am not available at noon, but I will respond to your comments below today.
Thanks,
Pacific Gas & Electric Company
From: Sent: Thursday, September 3, 2020 10:25 AM To:
*****CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.**** Is 12:00 PM PT a good time for a call today?
From: Sent: Thursday, September 3, 2020 10:18 AM To: ©pge.com> Cc: 'RA_Solicitations' < RASolicitations@pge.com> Subject: RE: Sierra Resource Adequacy
In addition to the below thoughts I propose the following:
That will give PG&E their desired capacity and allow us to participate in the upcoming RA solicitation
Thank you.
From: Sent: Thursday, September 3, 2020 9:59 AM

Cc: RA_Solicitations <RASolicitations@pge.com> Subject: RE: Sierra Resource Adequacy Thank you. From: യpge.com> Sent: Wednesday, September 2, 2020 5:10 PM To: Cc: RA_Solicitations <RASolicitations@pge.com> Subject: Sierra Resource Adequacy I am reaching out because PG&E is interested in purchasing RA from the Sierra Local Capacity Area for understand that wns rights to capacity in this Local Capacity Area, and I want to see if

@pge.com>

interested in participating in PG&E's upcoming Resource Adequacy solicitation. The solicitation will launch in mid-September. PG&E could also be interested in negotiations; however, we strongly prefer to transact via solicitation.

Please let me know if you are interested in exploring options to transact Sierra Local Capacity, or if there is any additional information you need from PG&E first.

Thanks,

Pacific Gas & Electric Company

From: Sent: Wednesday, September 2, 2020 1:05 PM To: Cc: RA_Solicitations; charles.janecek@paconsulting.com; Subject: RE: RE: PG&E Important information regarding your Bid
*****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 apge.com> Sent: Wednesday, September 2, 2020 10:57 AM To: apge.com>; Cc: RA_Solicitations < RASolicitations@pge.com>; charles.janecek@paconsulting.com; pge.com> Subject: [EXTERNAL] RE: PG&E Important information regarding your Bid
CAUTION: This email originated from outside of sender and know the content is safe. Do not click links or open attachments unless you recognize the
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
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 If If If It is so 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,
Pacific Gas & Electric Company

From: opge.com Sent: Monday, August 31, 2020 7:36 PM

To:

Cc: RA Solicitations < RASolicitations @pse.com >; charles.janecek@paconsulting.com;

@pge.com>:

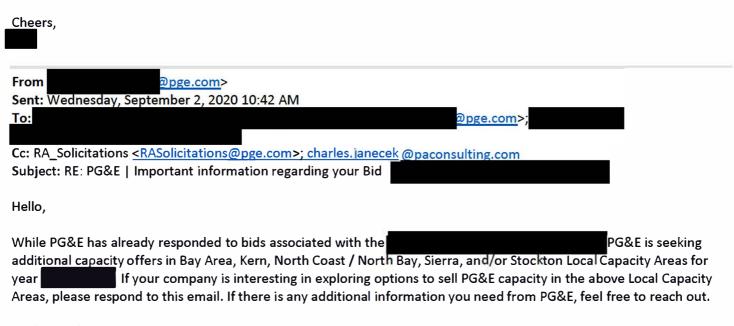
Subject: PG&E | Important information regarding your Bid |

Dear

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

Thank you, PG&E Bid Team

From: Sent: To: Cc: Subject:	Thursday, September 3, 2020 4:58 PM RA_Solicitations; charles.janecek@paconsulting.com Re: PG&E Important information regarding your Bid
*****CAUTION:	This email was sent from an EXTERNAL source. Think before clicking links or opening ***
This is the only ler	ngth we have in local RA.
Get <u>Outlook for A</u>	ndroid.
To: Cc: RA_Solicitation <charles.janecek@< th=""><th>@pge.com> eptember 3, 2020 4:53:56 PM ns <rasolicitations@pge.com>; charles.janecek@paconsulting.com @paconsulting.com> E Important information regarding your Bid </rasolicitations@pge.com></th></charles.janecek@<>	@pge.com> eptember 3, 2020 4:53:56 PM ns <rasolicitations@pge.com>; charles.janecek@paconsulting.com @paconsulting.com> E Important information regarding your Bid </rasolicitations@pge.com>
We do not have a	need for the second review?
Thanks,	
То:	gpge.com>;
	ns <rasolicitations@pge.com>; charles.janecek_@paconsulting.com [Important information regarding your Bid </rasolicitations@pge.com>
*****CAUTION: attachments.**	This email was sent from an EXTERNAL source. Think before clicking links or opening ***
if PG&E is	



Kind regards, PG&E

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:

Sent: Monday, August 31, 2020 8:30 PM

To:

Dnge.com>;

Cc: RA_Solicitations <RASolicitations@pge.com>; charles.janece k@paconsulting.com;

Subject: RE: PG&E | Important information regarding your Bid |

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

Please find attached

final volume award notification.

Cheers,

From:

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

To:

Cc RA Solicitations < RASolicitations@pge.com>;

charles.janecek@paconsulting.com;

Subject: PG&E | Important information regarding your Bid

Dear

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

Thank you, PG&E Bid Team

From:		
Sent:	Thursday, September 10, 2020 7:53 AM	
To:	RA Solicitations:	
Cc:		
Subject:	RE: Sierra Resource Adequacy	
•	, , , , , , , , , , , , , , , , , , , ,	
*****CALITION	: This email was sent from an EXTERNAL source. Think before clicking links or opening	
attachments.**		
Our Sierra is	s committed. Any interest in	
	,	
From: RA_Solicita	ations <rasolicitations@pge.com></rasolicitations@pge.com>	
Sent: Thursday, Segtember 10, 2020 7:42 AM		
To:	pge.com>;	
	a Resource Adequacy	
Subject. NE. Sierra	a Nesource Adequacy	
We are also intere	ested in	
Thanks,		
mams,		
The PG&E RA Tea	···	
THE PORE NATION	IIII.	
From:	@pge.com>	
	v, September 2, 2020 5:17 PM	
	y, September 2, 2020 S.17 Fivi	
To:	and ADAC aliaitation and an account	
_	ons RASolicitations@pge.com	
Subject: Sierra Re	esource Adequacy	
I am reaching out	t because PG&E is interested in purchasing RA from the Sierra Local Capacity Area in	
l understan		
	ticipating in PG&E's upcoming Resource Adequacy solicitation. The solicitation will launch in mid-	
September. PG&	E could also be interested in negotiations; however, we strongly prefer to transact via solicitation.	
Please let me kno	ow if you are interested in exploring options to transact Sierra Local Capacity, or if there is any	
	nation you need from PG&E first.	
	, ,	
Thanks,		

From: Sent:

Tuesday, October 20, 2020 1:02 PM

To:

RA_Solicitations

Cc:

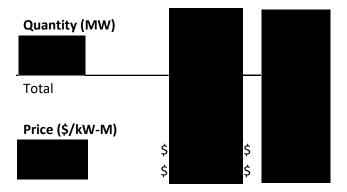
Charles.Janecek@PACONSULTING.COM

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.****

Updated offers below. Happy to discuss our rationale but the bottom line is that this price is below where other transactions have been executed and below the fair value. However, this offer is in line with both of us to

Please consider this our best and final offer.



From: pge.com>
Sent: Tuesday, October 20, 2020 12:34 PM

To: RA_Solicitations <RASolicitations@pge.com>

Cc: Charles.Janecek@PACONSULTING.COM

Subject: Re: PG&E 2020 Multi-Year RA Solicitation - Phase 2

MW, either

- Energy Transactions
Pacific Gas and Electric Company

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

Sent: Tuesday, October 20, 2020 10:33:02 AM

To: opge.com; RA_Solicitations RASolicitations@pge.com>

******CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.**** We're likely to go a different direction then but can you clarify your bid please. How many MWs,
From: opge.com Sent: Tuesday, October 20, 2020 11:54 AM To: ; RA_Solicitations RASolicitations@pge.com Cc: Charles.Janecek@PACONSULTING.COM Subject: Re: PG&E 2020 Multi-Year RA Solicitation - Phase 2
Thanks for checking in. We are sticking with our counter of kW-no.
Thanks,
Energy Transactions Pacific Gas and Electric Company
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: Sent: Tuesday, October 20, 2020 9:51:47 AM To: ; RA_Solicitations < RASolicitations@pge.com > Cc: Charles.Janecek@PACONSULTING.COM < Charles.Janecek@PACONSULTING.COM > 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.**** Hey We'd like to get this wrapped up in the next few days. Can you please let me know if you intend to move forward? Thanks.
From: ppge.com> Sent: Thursday, October 15, 2020 5:31 PM To: ; RA_Solicitations < RASolicitations@pge.com> Cc: Charles.Janecek@PACONSULTING.COM Subject: RE: PG&E 2020 Multi-Year RA Solicitation - Phase 2
Thanks for the update I will include this info in my discussions internally. From: Sent: Thursday, October 15, 2020 3:16 PM

Cc: <u>Charles.Janecek@PACONSULTING.COM</u> < <u>Charles.Janecek@PACONSULTING.COM</u>>

Subject: RE: PG&E 2020 Multi-Year RA Solicitation - Phase 2

@pge.com>; RA_Solicitations < RASolicitations@pge.com> Cc: Charles.Janecek@PACONSULTING.COM 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.**** Quick update for you... I've started to say yes to other LSEs who need the Stockton RA from Still have enough to meet your MW requested quantity. All getting done north of kW-Mo. My updated quantities on offer are below. Quantity (MW) Total Price (\$/kW-M) \$ From: Sent: Wednesday, October 14, 2020 5:33 PM @pge.com>; RA Solicitations <RASolicitations@pge.com> Cc: Charles.Janecek@PACONSULTING.COM Subject: Re: PG&E 2020 Multi-Year RA Solicitation - Phase 2 Sounds good, thank you. Get Outlook for iOS From @pge.com> Sent: Wednesday, October 14, 2020 5:08:01 PM ; RA_Solicitations < RASolicitations@pge.com> Cc: Charles.Janecek@PACONSULTING.COM < Charles.Janecek@PACONSULTING.COM > Subject: RE: PG&E 2020 Multi-Year RA Solicitation - Phase 2 Thanks for the quick reply. I hope to get you a response to this offer tomorrow.

Thanks,

From

Sent: Wednesday, October 14, 2020 3:06 PM

To: RA_Solicitations <<u>RASolicitations@pge.com</u>>;

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.****
After some discussion and based on your feedback, we can lower our conforming offer for MWs to kW-Mo for Stockton Local Unit Contingent RA for the stockton Local Unit Contingent RA for the stockton without process with the stockton without requiring a long term commitment. We are also willing to accept this price in order to continue the long standing positive relationship between the standard PG&E. Happy to discuss further at your convenience.
Best,
From: Sent: Monday, October 5, 2020 6:08 PM
To: 'RA_Solicitations' < RASolicitations@pge.com >
Cc: Charles.Janecek@PACONSULTING.COM Subject: RE: PG&E 2020 Multi-Year RA Solicitation - Phase 2
PG&E Procurement Team, Please see attached for two items:
A conforming offer for MWs of Stockton RA for and
 A letter outlining several non-conforming offers for your review that seek to between and PG&E as either
We look forward to discussing these offers at your convenience.
Best,

Cc: Charles.Janecek@PACONSULTING.COM

From: RA_Solicitations RASolicitations@pge.com

Sent: Thursday, October 1, 2020 4:06 PM

To: RA_Solicitations RASolicitations@pge.com
Co: Charles.Janecek@PACONSULTING.COM

Subject: PG&E 2020 Multi-Year RA Solicitation - Phase 2 - Timeline Update

Hello,

Due to the release of the Final NQC list by the CAISO, we would like to inform you of the revised schedule for the remainder of the solicitation.

Schedule for Offers and Bids

The table below provides the remaining 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	Monday, 10/5 by 5 pm (PPT)
PG&E consults with its PRG regarding its proposed shortlist.	Friday, 10/9
PG&E notifies participants of shortlist status	Tuesday, 10/13
Deadline for notified shortlisted participants to accept shortlist status and final volumes, and return partially executed confirmation(s)	Wednesday, 10/14 by COB
Target full execution of confirmations	Friday, 10/16

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).

Thank you for your consideration of this Electronic Solicitation.

Kind regards,

PG&E

From: Sent: To: Charles.Janecek@PAConsulting.com Cc: RA_Solicitations RE: PG&E and Call
We have determined that we are willing to pay kW-month for the Sierra capacity in Please let us know if you are interested in moving forward at this price.
Thanks,
Sent: Thursday, October 15, 2020 3:05 PM To: : Charles.Janecek@PACon;ulting.com Cc: : @pge.com>; RA_Solicitations <rasolicitations@pge.com> Subject: RE: PG&E and Call</rasolicitations@pge.com>
I understand. I will present this to my management and we will go from there. I appreciate the quick response!
Thanks,
Sent: Thursday, October 15, 2020 3:02 PM To:
*****CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.**** Hi
After discussing this internally, we are not able to reduce our pricing at such time due to the short contract of the deal, the relative small project sizing our unknowns such as risk and transaction costs. We also do not feel confident in being able to come online in so the policy of the policy

 $can \ understand \ our \ reasonings. \ Please \ let \ us \ know \ if \ you \ have \ any \ further \ questions. \ Thank \ you.$

Regalus,
From: Sent: Thursday, October 15, 2020 8:44 AM To: Cc: RASolicitations@pge.com> Subject: RE: PG&E and Call
Great,
Thanks
From: Sent: Thursday, October 15, 2020 8:42 AM To: ©pge.com>: Charles.Janecek@PAConsulting.com Cc: ©pge.com>; RA_Solicitations <rasolicitations(@pge.com> Subject: RE: PG&E and Call</rasolicitations(@pge.com>
*****CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments. *****
Thank you for the detailed notes and pointing to the we will plan to provide updated pricing and discuss the potential to end of week
Regards,
From: Sent: Thursday, October 15, 2020 7:47 AM To: Charles.Janecek@PAConsulting.com Cc ppge.com>; RA Solicitations < RASolicitations@pge.com> Subject: RE: PG&E and Call
Charles,
Please see the call notes for our call yesterday.

Please let us know if you wish to clarify anything or feel some details are missing.
Thanks,
Attendees:
• PG&E:
PA Consulting: Charles Janecek
Call Notes
did not receive excel bidform from
 PG&E will follow up and check what happened to make sure our messages reach going forward. PG&E stated it would like to accept sproposal submitted via email if can improve on pricing a bit. Since it would be for PG&E would have a hard time justifying pricing above PG&E would also be
open to counters with as well.
PG&E also asked if it would be possible to potentially? In the potentially?
esponded that it is not clear on penalties if it contracts sooner but doesn't deliver on has been turning down customers, and cannot make an estart, but does think so possible. Would find it helpful to get more clarity on what the definition of start date is and how it is dependent on when NQC is received for the project.
 PG&E Responded that the first month of delivery is when the resource can be include you in supply plan. PG&E also pointed out that it could potentially pay a higher price if it can claim project is online sooner.
sked what the downside is if the schedule slips. O PG&E responded that wouldn't be paid for that month.
asked if it might be helpful to incorporate contractual rules stipulating price depending on
 PG&E responded that it's not an ideal scenario, and that PG&E doesn't like to change price after contracting.
PG&E asked if interconnection issues plague development timeline generally speaking esponded that it's not so much interconnection, but the all the components that go into development are hard to achieve under 12 months start to finish.
 PG&E reiterated that the two main takeaways from it's perspective are the price counter and that there are benefits to PG&E and the broader market
O As far as next steps and schedule, PG&E is hoping to wrap up by next week, so a price counter would be
helpful this week. O PG&E also agreed to write a clarification of delivery start in the contract
Original Appointment From:
Sent: Tuesday, October 13, 2020 2:57 PM Charles.Janecek@PAConsulting.com;
Subject: PG&E and Call
When: Wednesday, October 14, 2020 2:00 PM-2:30 PM (UTC-08:00) Pacific Time (US & Canada). Where: Microsoft Teams Meeting
Call to discuss non-conforming offer in PG&E's RA Solicitation

Join Microsoft Teams Meeting

	nited States, San Francisco (Toll)
Conference ID:	

Local numbers | Reset PIN | Learn more about Teams | Meeting options

Need Help with Teams? Click on the Help option in this invite to connect you directly to our Teams at PG&E Training site!

Help

From:	
Sent:	Friday, September 4, 2020 8:10 AM
To:	
Cc:	RA_Solicitations; charles.janecek@paconsulting.com
Subject:	RF: PG&F LImportant information regarding your Bid
•	
*****CAUTION: This email v	vas sent from an EXTERNAL source. Think before clicking links or opening
attachments.****	
Hi – To close this out,	s unable to sell the Stockton outright at this time. Best,
From:	om>
Sent: Thursday, September 3, 2	020 6:55 PM
То	@pge.com>;
Co. DA Colinitations (DAC)	tions@nes comes; charles ionocalc@nesconociltie =
_	tions@pge.com>; charles.janecek@paconsulting.com
Subject: RE: PG&E Important	information regarding your Bid
Hi	
Thanks for providing the follow Stockton, NCNB, or Sierra.	ing proposals. We currently don't have needs in Fresno, and we cannot sell Bay Area,
Stockton, NCNB, or Sierra.	
Please let us know if there is a Stockton that you have expres	price that you would be willing to receive in order for PG&E to purchase the excess sed that you have.
Thank you,	
From:	
Sent: Thursday, September 03,	20 <u>20 11:59 AM</u>
To: Dpge.com	<u>@pge.com</u> >;
Cc: RA_Solicitations < RASolicita	tions@pge.com>; charles.janecek@paconsulting.com
Subject: RE: PG&E Important	information regarding your Bid
*****CAUTION: This email v	vas sent from an EXTERNAL source. Think before clicking links or opening
attachments.****	
	olio and we have come up with a few proposals for your consideration. Hopefully, we can
•	an increasingly tight market. Should you have any questions or want to discuss any
additional proposals, please let	

Proposal 1:

ells Stockton (MW)	PG&E Sells Stockton (MW)	Price (\$/kW-mo
	-	
	•	

	ells Stockton (MW)	PG&E Sells Stockton (MW)	Price (\$/kW-mo
			-
			·
Proposal 2:			
ells up to	resno for an equal volur	ne of GBA, Sierra, Humboldt or	NCNB @ equal prices
Proposal 3:			
sells GBA for	an equal volume of Stoc	ckton @ equal prices	
Proposal 4:			
sells GBA for	an equal volume of NCN	IB @ equal prices	
From: apge.co	ım>		
Sent: Wednesday, September 2,			
То:			<u> തpൃe.com>;</u>
Cc: RA_Solicitations < <u>RASolicitati</u> Subject: RE: PG&E Important in			
Hi			
Thanks for the prompt response. please provide specific simultan	-		s it's an even trade. Can you
Thank you			

യpge.com

Sent: Wednesday, September 02, 2020 12:56 PM To: @pge.com>; @pge.com> Cc: RA_Solicitations <RASolicitations@pge.com>; charles.janecek_@paconsulting.com Subject: RE: PG&E | Important information regarding your Bid |

Thank you for reaching out. We do have some small volumes for random months for most of the local areas you are requesting below. Yet, we would need to swap equal volumes of system or local in order to do the transaction. Please let me know how you would like to proceed.
Best,
From: opge.com Sent: Wednesday, September 2, 2020 1:42 PM To: opge.com ; Cc: RA_Solicitations RASolicitations@pge.com ; charles.janece k@paconsulting.com Subject: RE: PG&E Important information regarding your Bid
Hello,
While PG&E has already responded to bids associated with the Multi-Year RA Solicitation — Phase 1, PG&E is seeking additional capacity offers in Bay Area, Kern, North Coast / North Bay, Sierra, and/or Stockton Local Capacity Areas for years and the second of this email. If there is any additional information you need from PG&E, feel free to reach out.
Kind regards, PG&E
@pge.com
From: Sent: Tuesday, September 01, 2020 1:51 PM To:
************************ Hello – Please find acceptance attached. If there are any questions or concerns, please let me know. Best,

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

attachments.****

Hello –



From:
Dept.com
Sent: Monday, August 31, 2020 10:38 PM
To:
Cc: RA_Solicitations@pge.com; charles.janecek@paconsulting.com; @pge.com; charles.janecek@paconsulting.com; @pge.com; pge.com; gpge.com; gpge.com;

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

EXTERNAL MAIL. Do not click links or open attachments from unknown senders or unexpected Email.

Dear

തുe.com>

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

Thank you, PG&E Bid Team



From: Sent: To: Cc: Subject:	Tuesday, October 13, 2020 5:02 PM RA_Solicitations RE: Sierra RA
We don't have an	ny NCNB to sell in unfortunately. We continue to be interested in Sierra nowever.
Thanks,	
То	ctober 13, 2020 4:59 PM ons <rasolicitations@pge.com>; a RA</rasolicitations@pge.com>
Hi	
Thanks for reachi	ng out. I am out of the office this week. cc'ed, should be able to respond to you in my
.Rest	
Pacific Gas & Elec	etric Company
To:	ctober 13, 2020 4:12 PM nnse.com> ons RASolicitations@pge.com> a RA
*****CAUTION: attachments.**	: This email was sent from an EXTERNAL source. Think before clicking links or opening ***
I was not able to s slightly with my p NCNB in ret	ositions and I now have some Sierra. Is PG&E still interested in it? Would PG&E be able to sell

Thanks,

From: @pge.com>

Sent: Tuesday, September 1, 2020 10:23 AM

To:

Cc: RA_Solicitations < RASolicitations@pge.com>

Subject: RE: Sierra RA

Think Secure. This email is from an external source.

Yes, that's correct, the solicitation will launch mid-month. You're on our market notification list so please let me know if for whatever reason you don't receive a market notice from us.

Thanks,

Pacific Gas & Electric Company

From:

Sent: Tuesday, September 1, 2020 10:04 AM

Cc: RA Solicitations < RASolicitations@pge.com>

Subject: RE: Sierra RA

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

Yes, we can initiate via the solicitation. It comes out in a few weeks, correct?

From

@pge.com>

Sent: Tuesday September 1 2020 9:29 AM

Cc: RA_Solicitations < RASolicitations@pge.com>

Subject: RE: Sierra RA

Think Secure. This email is from an external source.

Yes, we can certainly explore a local-for-system swap. Would you be amenable to participating in our solicitation to start things off, and if we aren't able to settle on a transaction structure via that avenue, then moving to a bilateral conversation?

Sent: Tuesday, September 1, 2020 9:07 AM To:
*****CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.**** Hi
It is our preference to transact bi-laterally, we may need to buy system RA in return for certain months.
I am available to discuss in more detail sometime next week.
Thanks,
From: pge.com> Sent: Tuesday, September 1, 2020 8:54 AM To: Cc: RA_Solicitations <rasolicitations@pge.com> Subject: Sierra RA</rasolicitations@pge.com>
Think Secure. This email is from an external source.
I am reaching out because PG&E is interested in purchasing RA from the Sierra Local Capacity Area for understand that the bwns rights to capacity in this Local Capacity Area, and I want to see if the sierra sinterested in participating in PG&E's upcoming Resource Adequacy solicitation. The solicitation will launch in mid-September. PG&E could also be interested in negotiations; however, we strongly prefer to transact via solicitation.
Please let me know if you are interested in exploring options to transact Sierra Local Capacity, or if there is any additional information you need from PG&E first.
Thanks



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

Calpine

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

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

GenOn Energy, Inc.
Goodin, MacBride, Squeri, Schlotz &
Ritchie
Green Power Institute
Hanna & Morton
ICF

International Power Technology Intestate Gas Services, Inc. Kelly Group

Ken Bohn Consulting
Keyes & Fox LLP
Leviton Manufacturing Co., Inc.

IGS Energy

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 Sempra Utilities

Sierra Telephone Company, Inc.
Southern California Edison Company
Southern California Gas Company
Spark Energy
Sun Light & Power
Sunshine Design
Tecogen, Inc.
TerraVerde Renewable Partners
Tiger Natural Gas, Inc.

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