



WEBINAR: 2021 Request for Offers for Renewable Energy + Storage

December 7, 2021

Responses due January 14, 2022, at 5 PM Pacific Prevailing Time

RFO Website: PenCleanEnergy.com/2021-rfo-for-renewable-energy-storage

AGENDA

- Housekeeping
- Introductions and Overview
- Schedule
- Communications
- Products
- Bid Submittal Requirements
- Evaluation Criteria
- Shortlist
- Q&A

HOUSEKEEPING

- Audio – Participant microphones disabled but please keep phone on mute
- Questions during the webinar must be submitted via the Q&A function during the webinar. Questions will be answered in the time available at the end of the presentation
- All questions discussed on the webinar as well as all questions submitted through the Q&A form will be in the Q&A responses posted to the RFO Web site.
- Video – Disabled
- This presentation will be recorded and posted to the RFO website after the call

INTRODUCTION



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Renewable Energy & Compliance
Analyst

OVERVIEW

- Goal: to solicit competitive offers for the purchase of renewable energy, renewable energy plus storage, or stand-alone storage contracts
- Soliciting resources both to fulfill our energy goals as well as to achieve compliance with the California Public Utilities Commission (CPUC) decision requiring procurement to address mid-term reliability
- All bids must be compliant with RFO specifications
- Peninsula Clean Energy intends to collect all relevant energy, environmental attributes, resource adequacy, and ancillary services benefits from the projects, as applicable

CPUC MID-TERM RELIABILITY MANDATE

- D.21-06-035
- Issued on June 24, 2021
- Orders load serving entities (LSEs), including Peninsula Clean Energy, to procure 11,500 MW of new capacity statewide between 2023 and 2026.
- A portion of the new capacity procured must be in the form of Long-Lead Time (LLT) resources, defined in the Decision as long-duration energy storage or firm, zero-emitting generation
- For additional information:
<https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M389/K603/389603637.PDF>

PRODUCTS SOLICITED

1. Renewable energy generating facilities from a variable resource (i.e. wind or solar)
2. Renewable energy generating facilities meeting the definition of firm, clean resources
3. Renewable energy generating facilities (either variable or firm) paired with storage
4. Stand-alone storage projects
5. Shaped Offers

ABOUT PENINSULA CLEAN ENERGY

- Official electricity provider for San Mateo County since 2016, and beginning in 2022, for the City of Los Banos
- Goal to provide customers with 100% renewable energy by 2025
- Investment grade credit – Moody's: Baa2; Fitch: BBB+
- As of June 30, 2021, Peninsula Clean Energy had an audited total cash and investments balance of \$170.1 million representing all restricted and unrestricted cash plus short-term and medium-term investments.
- Of the total, \$165.7 million, or 97.4%, was unrestricted representing 256 days of cash on hand, significantly higher than Peninsula Clean Energy's Board policy requirement of 180 days.
- Provides electricity service to approximately 300,000 customer accounts. This represents a population of over 700,000 people with 3,600 GWh of clean electricity annually
- For more information on Peninsula Clean Energy, please go to www.peninsulacleanenergy.com
- Peninsula Clean Energy's financial statements including its fiscal year 2020-2021 audited financials are available on Peninsula Clean Energy's website

SCHEDULE

EVENT	DATE
Issue RFO	Thursday, November 18, 2021
Deadline to submit Questions prior to Webinar	Friday, December 3, 2021
Participant Webinar to discuss RFO Process	Tuesday, December 7, 2021; 11 AM PPT
Updated Q&A Posted to Website	Wednesday, December 22, 2021
Deadline to submit Questions	Friday, January 7, 2022
Final Q&A Addendum posted to RFO Website	Monday, January 10, 2022
Deadline to submit RFO Proposals	Friday, January 14, 2022; 5 PM PPT
Participants notified of shortlist status	Monday, February 28, 2022
Power Purchase Agreement and Awards	Q3 2022

COMMUNICATIONS

- All RFO documents are available at the RFO website at <http://pencleanenergy.com/2021-rfo-for-renewable-energy-storage>. All announcements, updates and Q&As will be posted on the website.
- All questions must be submitted through the form posted here: <https://forms.gle/CNUVVfANHu5UDg1n6>.
- Any other communications regarding this RFO, including final offer documents, should be sent to PenCleanEnergy2021RFO@peninsulacleanenergy.com. Please only send communications to the RFO email address and not to any individual employees' email addresses. Emails sent to individual contacts and not to the RFO email may not be reviewed or responded to.

Q&A PROCESS

- After the Webinar, additional questions may be submitted through the same Question Form (<https://forms.gle/CNUVVfANHu5UDg1n6>).
- Additional questions are due Friday, January 7, 2022, at 5 PM PPT.
- Participants are urged to submit RFO questions as early as possible, in consideration of the proposal submission deadlines.
- Peninsula Clean Energy intends to post all questions submitted by Participants before and after the Webinar, as well as responses to those questions in the form of an Addendum posted to the RFO website.
- Answers will be posted by Monday, January 10, 2022.
- All addenda shall become part of this RFO.
- All questions will be posted anonymously to shield the identity of Participants who posed the questions. Peninsula Clean Energy's objective in posting questions and answers is to afford Participants equal access to information potentially relevant to their proposals.

PRODUCTS SOLICITED

Product Type	Description
Renewable energy generating facilities from a variable resource (i.e. wind or solar)	<ul style="list-style-type: none"> • PCC 1 REC-eligible projects; New or existing • Capacity size between 5 MW – 100 MW • COD no later than January 1, 2026, preference for start in 2024
Renewable energy generating facilities meeting the definition of firm, clean resources	<ul style="list-style-type: none"> • Firm, zero-emitting generation resources • Meet the CPUC’s mid-term reliability procurement decision • New projects only • Expected annual capacity factor of at least 80%. Must not be use limited or weather dependent. • No storage projects • Capacity size of 5 MW – 50 MW • COD no later than January 1, 2026, preference for start in 2024
Renewable energy generating facilities paired with storage	<ul style="list-style-type: none"> • PCC 1 REC-eligible projects paired with storage • Storage capacity of 10 – 200 MWh, duration must be at least 4 hours. • Storage projects may have durations longer than 4 hours. • Generation resources may be new or pre-existing and may be variable or firm. • Preference for co-located (i.e., two separate Resource IDs) • COD no later than January 1, 2026, preference for start in 2024
Stand-alone storage projects	<ul style="list-style-type: none"> • Size range of 10 – 400 MWh, duration must be at least 4 hours. • COD no later than January 1, 2026, preference for start in 2024
Shaped Offers	<ul style="list-style-type: none"> • Deliver a specific quantity of renewable energy in specific hours – Offer Form identifies the specific shapes • Participants may provide their own alternative shaped offers • Provided from a portfolio of new or existing renewable energy (PCC1) and / or storage projects

BID SUBMITTAL REQUIREMENTS

- ***Participants' Offers must be submitted by Friday, January 14, 2022, 5 PM PPT.***
- Only electronic submittals will be accepted via e-mail sent to PenCleanEnergy2021RFO@peninsulacleanenergy.com.
 - Please include “Peninsula Clean Energy 2021 RFO offer from [Company Name]” in the subject line.
- ***The following documents are required for each Project:***
 - Completed Offer Form (Attachment 1)
 - Narrative
 - Geospatial Footprint
 - Compliance with Peninsula Clean Energy’s Sustainable Workforce Policy
 - Compliance with Peninsula Clean Energy’s Ethical Vendor Standards
- The Diversity Questionnaire is optional. Please refer to Section 11 of the RFO Instructions for additional information.
- Please refer to the RFO Instructions for additional information, including File Name Conventions

OFFER FORM

- The excel file Offer Form (Attachment 1) is the primary source of data for evaluating submissions.
- ***This Offer Form template is mandatory and must be fully completed for a submission to be considered compliant.***

PRO FORMA CONTRACTS

- Pro forma contracts will be posted to the RFO web site shortly for review.
- The Offer Form will be updated to include a tab for comments on the pro forma contracts.

NARRATIVE

1. Cover Letter
2. Participant Experience and Qualifications
3. Project Summary
4. Project Details Summary
5. Technology Description
6. Detailed Site Description
7. Interconnection Status
8. Milestone schedule
9. Financing Plan
10. Environmental Permitting Status
11. Technology components, recycling and decommissioning
12. Project
13. Community Benefits

GEOSPATIAL FOOTPRINT

- ***All projects are required to submit a file of the relevant geospatial footprint of the project.***
- Geospatial footprint should be in an ESRI Shapefile format. A KML file is acceptable but Shapefiles are preferred.
- Please use the guidelines in Attachment 3 to the RFO Instructions
- Peninsula Clean Energy will study the geospatial footprint of the project to evaluate whether the project is located in a restricted or high conflict area for renewable energy development
- Projects will receive positive environmental scores if they are located in areas designated for renewable energy development or in areas that are not suitable for other developmental activities, such as EPA re-power sites

OTHER REQUIREMENTS

- Compliance with Peninsula Clean Energy's Sustainable Workforce Policy
- Compliance with Peninsula Clean Energy's Ethical Vendors Standard
- *Optional: Diversity Questionnaire*
 - As a public agency and consistent with state law, PCE will not use information provided on the Diversity Questionnaire in any part of its decision-making or selection process
 - PCE will use the information provided to help evaluate how well it is conforming to its own policies and goals

EVALUATION CRITERIA

Evaluation Criteria	Points
Value (energy, attributes, capacity)	45
Project Viability	15
Project Team Experience	10
Changes to Contract Terms	10
Environmental impacts	5
Impact on DACs	5
Project Location	5
Ethical Vendors Standard	5
Workforce Development	Pass / Fail
Total	100

SHORTLIST PROCESS

- ***Peninsula Clean Energy expects to notify short-listed Bidders by Monday, February 28, 2022.***
- Within 2 weeks of short-list notification, the following items or documents must be submitted to Peninsula Clean Energy:
 - A signed Exclusivity Agreement (Attachment 5)
 - Peninsula Clean Energy will not negotiate the terms of the Exclusivity Agreement
 - Shortlist Deposit
 - Project-based offers: \$3,000/MW of generation and storage capacity, if applicable
 - Shaped offers: 4% of one year expected project revenues (i.e. MWh * Proposed Price)
 - Demonstration of interconnection status
 - Demonstration of site control
 - Credit rating and financial statements

Q&A

- Please submit any questions through the Q&A function.
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Thank you!

- Please submit bids by **Responses due January 14, 2022, at 5 PM Pacific Prevailing Time**
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