



2019 Request for Proposals for Scheduling Coordinator Services

Q&A Responses

July 2, 2019

Peninsula Clean Energy is San Mateo County's locally-controlled electricity provider. We are reducing greenhouse gas emissions and offering customer choice at competitive rates.

Offers due Monday, July 8, 2019 at 5:00 pm PPT

#	Question	Response
1	What stage of the CAISO's NRI process is the Wright Solar Freeman project in?	Bucket 1 and Bucket 2 are complete. Bucket 3 requirements are scheduled to be due late September.
2	What still needs to be accomplished in the NRI process to meet the October 27, 2019 Implementation Date?	<p>CAISO filings still required-</p> <p><i>Bucket 3</i></p> <ul style="list-style-type: none"> - File Generator Resource Data Template - PIRP Letter of Intent - Control and Protection - Scheduling Coordinator Selection Letter - Scheduling Coordinator Acceptance Letter - 24/7 Contact Info - CPS Agreement <p><i>Bucket 4</i></p> <ul style="list-style-type: none"> - PTO Initial Sync Approval <p><i>Bucket 5</i></p> <ul style="list-style-type: none"> - Calculation to Point of Receipt - Meter Site Verification Sheet - Final Control and Protection
3	Does the Resource Owner currently own the NRI process? At what point in the NRI process will responsibilities transfer over to the SC?	Yes, now that Bucket 2 has been completed the Owner will need help from the SC to complete the requirements for Bucket 3, due late September. The major requirements expected of the SC during the NRI process includes the Scheduling Coordinator Selection and Acceptance letters, updating and submitting hourly test energy schedules provided by the developer to CAISO, updating OMS with outage cards, and calling the CAISO Ops Planning desk 90 minutes prior to start-up and 90 minutes prior to shut-down on each day during the testing period.
4	Will the awarded scheduling coordinator be responsible for the performance testing phase of the facility?	We expect the awarded SC to follow CAISO's requirements and guide the facility through CAISO's trial operations process. The SC will seek trial operations approval from CAISO 10 days before sync and administer the trial operations 1 day before sync and continually through the test energy phase, until the plant achieves commercial operation. The SC will be the main point of contact between CAISO and the plant Operations and Maintenance

		(O&M); notifying the ISO of test energy schedules, communicating curtailment and dispatch notices to the O&M if generation isn't within 1 MW of the ISO's dispatch target, and modifying Outage Management System (OMS) outage cards to reflect the testing schedule. A record of communications and outage cards will need to be kept and shared with PCE.
5	Would the developer be controlling the Remote Intelligent Gateway (RIG) or the SC Services provider?	The RIG is installed per CAISO requirements under the EPC contract. The developer or O&M will retain control of the RIG and ensure the SCADA requirements are met.
6	Is PCE purchasing the CAISO VER forecast tool or something similar?	Yes, that is the intent and the selected SC will help PCE through the process to acquire the VER forecast prior to COD.
7	Will PCE generate an independent production forecast, i.e. will PCE have its own output forecast for the awarded SC to compare to the CAISO forecast?	PCE has not purchased an independent forecast as of yet but that may be of interest.
8	Does PCE foresee any forward hedging activities around the facility? Is PCE able to provide security if necessary to support such hedging activity?	<p>PCE does not currently have any plans to include forward hedging activities. If PCE later took interest in pursuing a hedge we would take into account our financials and Baa2 credit rating from Moody's.</p> <p>See PCE's recent financials here - https://www.peninsulacleanenergy.com/budget-and-finances/</p>
9	Will PCE consider monthly settlement?	Yes, PCE will consider monthly CAISO settlement reports, however if available, we would prefer to pull data through a portal or website that has the most up to date settlement data. We'd prefer a settlement report that differentiates the charges and credits received by charge code.
10	Does PCE have a preferred communication method and data type; i.e. email and spreadsheets, FTP, dedicated API, XML vs. CSV, etc.	PCE would prefer to access data through a portal/website that continually provides the most up to date information, however this is not a requirement that must be met by the selected SC. The way in which the data is received and how we can interpret and store that data to be useful in our analysis is of greater importance. Please be clear in how

		you propose to transmit and update settlement data.
11	Does PCE have a preferred contact schedule to discuss and review regular activity; i.e. daily call, quarterly summaries, etc.	In the beginning, daily and weekly calls may be needed to develop a process and strategy for bidding the resource. Going forward, calls might be scheduled monthly, seasonally, or ad hoc to review to the bidding strategy and make changes as necessary. PCE will want the SC to monitor the resource during periods of negative pricing.
12	Does PCEA have a focal point for strategy discussions. What will be the frequency of these discussions (daily/weekly/monthly)?	In the beginning, daily and weekly calls may be needed to develop a process and strategy for bidding the resource in the Day-Ahead and Real-Time Markets. We'd prefer that the SC schedule meetings ad hoc in the event the market greatly fluctuates, to debrief on potential strategies for mitigating market risk and curtailment. But otherwise, we are open to scheduling monthly or quarterly calls. On occasion, we would like the SC to provide some support analysis to help evaluate the performance of the project and make recommendations for improving the generator's performance, however this is not a requirement.
13	Will PCE employ other outside consultants to help develop market participation strategies or rely on the awarded SC?	PCE would prefer that the SC provide some advice on market bidding strategies for a solar resource on a continual basis, but it is not a requirement of this RFO. We are open to consider other methods for bidding strategies. Please be clear in how you price the services you intend to offer and indicate if bidding strategies will be included.
14	Will the SC Services provider have operational control of the solar farm?	The SC will have access to CAISO's OMS application to update outage cards, but the operational control of the project will be handled by the O&M.
15	Does PCEA intend to send Day-Ahead schedule updates on weekends and Holidays or do they intend to follow the preschedule calendar for Day-Ahead schedule updates?	PCE intends to follow the VER forecast and will want the SC to continually update the schedules to follow the new forecast.

16	Does PCEA intend for the plant to have access to ADS so that the plant can receive ADS dispatches?	Yes, it has been confirmed that the plant controller will have built in ADS controls and will respond to automatic dispatches received by the ISO.
17	Does PCEA intend to have plant operators familiarize themselves with the CAISO’s OMS system?	Yes, the developer is currently selecting from two O&M operators and both entities have experience managing and operating solar resources to align the OMS.
18	What is expected by the regular ‘audit’ of Settlement Quality Meter Data mentioned in #9 of the RFO scope of work? Since the unit is located inside of California and is expected to therefore have a CAISO issued meter, we expect CAISO published meter data to equal settlement quality meter data. Does this relate to #12B in that we will be reviewing settlements statements for accuracy?	Yes, the intent is for the SC to ensure the SQMD is accurate and we are billed correctly according to the T+12B Settlement Statement.
19	Much of the hourly and five-minute data PCEA is requesting to be included within a report, under #13 of the RFO scope of work, is published in various time frames. How would PCEA like to receive this data (daily/monthly/weekly)?	<p>At a minimum we’d ask that the data be provided to PCE monthly, but we’d prefer, if available, to have access to the data for the prior trading day.</p> <ul style="list-style-type: none"> - VER forecasts used for scheduling the resource - Bids and/or Self Schedules submitted to SIBR - Day-Ahead & Real Time Awards in CMRI - LMPs - Imbalance MWh’s - Meter Data (T+3, T+12, T+55) - CAISO Shadow Settlements (expected monthly)
20	Is there a PPA Settlement or any other settlements related to this project other than CAISO settlements specific to the solar farm?	PCE’s preference is that the SC summarize CAISO settlements in a report, but all settlements directly related to the PPA will be handled by PCE.
21	Does PCEA intend for the SC to utilize CIDI to submit formal disputes to the CAISO?	If needed, the intent is that the SC would help facilitate the dispute process in CIDI on behalf of PCE.
22	Do the validation errors mentioned in #16 of the RFO scope of work pertain to settlement errors? Please explain.	Yes, if there was any discrepancy with the settlement data or if a bid received a validation error and the SC was unable to submit the bid, we would want to know of this.

23	<p>What is the basis for a one-year term? Given the involvement in establishing a new SC, would PCEA consider a longer term for SC services?</p>	<p>PCE will consider at minimum a one year term but we are open to contracting for a longer term. At a minimum, please provide pricing for a one year term. If you are interested in a longer term, please provide this as an additional option(s).</p>
24	<p>Is it expected that the awarded vendor will perform treasury functions? Would PCE be open to maintaining treasury function if the awarded vendor was to handle all invoicing and settlements, except for the actual handling (debit/credit) of PCE funds?</p>	<p>PCE is open to consider bearing the treasury responsibilities. Please be specific in your proposal in how you propose the treasury functions be handled by PCE while the SC provides support handling the CAISO invoice and settlements.</p>