



## **REQUEST FOR PROPOSAL**

**For**

# **East Bay Community Energy Authority Energy Storage Optimization and Bidding Software**

## **RFP QUESTIONS AND ANSWERS**

**For complete information regarding this project, see RFP posted at [ebce.org](http://ebce.org) or contact the EBCE representative listed below. Thank you for your interest!**

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## RFP QUESTIONS

**Q1:** Regarding price forecasts: how many days out should those forecasts be?

**A1:** We are looking for a 48-hour dayahead price forecast, plus the remaining intraday realtime price forecast. so  $\leq 72$  hours total

**Q2:** Can partner with a 3rd party for any part of this RFP? Or does one company have to do all aspects?

**A2:** We are not opposed to having a 3rd party work with you; however, we would want the respondent to be our only interface. Additionally, we would want a system that is one package, as opposed to having two separate software setups to do what we want.

**Q3:** Could you provide more details on the availability of telemetry data? Can the Survalent SCADA system push to a vendor provided API? What is the latency of the telemetry data? If there is an associated solar system, is telemetry for that also available via the Survalent SCADA system?

**A3:** Telemetry data will be brought into NCPA via their SCADA system. Data is pulled into OSISoft PI and logged internally to an Oracle database at a 5-minute level. NCPA and I have discussed the need for more granular data and will be able to have data either posted to a webservice for respondents' platform to scrape or a push service to respondents' platform with telemetry data down to 15-30 second intervals.

**Q4:** Is the Solar + Storage asset classified as a Hybrid or Co-Located asset in CAISO? If it is Co-Located, is there an interconnection limit that the two assets could exceed together? If it is Co-Located, do you need bids produced for the solar asset as well? Is the storage asset subject to ITC charging constraints?

**A4:** Our executed and contemplated projects are co-located solar plus storage. There will be a joint interconnection limit for the two resources combined. At this time, we do not expect bids to be needed for the solar resource, however, as the two pieces need to be co-optimized together, solar bids may be needed/warranted. The storage will be subject to solar only charging for the first five years.

**Q5:** Could you provide details on the specific MOO for this asset?

**A5:** Battery Must Offer Obligations are still being shaped at the CAISO level, but as a start, the platform needs to allow for bidding of all eligible products (energy, A/S, mileage) in all hours with the platform determining both the quantity and opportunity cost of each.

**Q6:** Could you classify the scope of calculation of P&L for EBCE? What line items need to be included?

**A6:** For P&L, EBCE would like to have access to and dashboarded daily P&L for all product streams including energy, A/S, mileage, and any future products developed. Additionally, we would like to see a daily P&L view for the last 30 days dashboarded, showing via stacked bar charts the revenue streams from each type of product.

**Q7:** Does NCPA have a system for viewing and sending bids to SIBR? If so, is API integration with that system possible?

**A7:** NCPA does have an internally built system for viewing and submitting bids. There is a webservice available that bids can be posted to from respondents' platform. Additionally, NCPA and I have discussed the possibility of scraping bid data from respondents' platform, and that functionality is possible.

**Q8:** Is CSV format critical, or would XML or JSON be acceptable?

**A8:** CSV format is not critical. NCPA's system can ingest XML files without issue.