



## Southern California Public Power Authority

### Questions and Answers related to Request for Information: Transmission Level Energy Storage

1. Can SCPPA share the available planned future interconnection capacity at each of the LADWP facilities so respondents can determine the maximum allowable power rating of the proposed energy storage projects?

**Response:** The space to fit enough energy storage capacity is more limiting than the existing interconnection capacity. As part of our long term plans, we will upgrade transmission capacities.

2. Does SCPPA have a preference for the energy storage power rating (ie. MW) at each of the facilities?

**Response:** The minimum required MWh at each facility is specified. Also, the minimum duration is specified to be 4 hours. To maximize the power rating, the duration should not exceed 6 hours at minimum required MWh.

3. For energy storage projects at the LADWP facilities, does SCPPA have a preference for entering into a long-term Energy Storage Agreement with a developer or does it prefer to enter into a build, own, transfer structure where SCPPA/LADWP will own the asset long-term?

**Response:** LADWP will build and own the energy storage through EPC.

4. Please could the LADWP provide an indication of height restrictions for each of the sites?

**Response:** Please provide your feasible proposed layout regardless of height restriction.

5. Is it SCPPA's intent to evaluate the RFI for developers, battery suppliers, or potential partners in the selection, development, design, construction, and operation of an energy storage facility?

**Response:** The intent of this RFI is to gather information on respondent's capabilities and qualification. It will guide us in preparing RFP. Please refer to section 1, Introduction, of the RFI. Please see the excerpt from the section 1.

6. Does SCPPA intend to own and operate the facilities or contract with the facility owner?

**Response:** SCPPA intend to own and operate the facilities.

7. What is the timing of the project CODs?

**Response:** The estimated CODs are 2021, 2024, and 2027

8. Will SCPPA select one entity for the entire scope of the development and project, or are alternative arrangements acceptable?

**Response:** SCPPA will make the decision based on all the responses from our future RFP. Alternative arrangements are acceptable. One facility may deploy multiple energy storage technologies and/or multiple vendors.

9. The RFI requests the maximum energy able to be stored at each location, subject to a minimum capacity. Where multiple plots are identified at a location should respondents choose 1 to evaluate?

**Response:** Section 3f specifies required minimum energy at each facility. Attachment A provides the total area available for energy storage system and balance of plant (BOP) equipment at each facility. Evaluating only one plot may not represent a comprehensive layout of energy storage system and necessary BOP at that facility (for the required minimum energy).

10. Would SCPPA members consider procuring multiple projects on one site? The minimum energy and power requirement as well as the amount of land available implies very large systems.

**Response:** Yes, we consider procuring multiple technologies/vendors at one site to reach the minimum required energy and power.

11. Is geotechnical information including borehole data available for the identified generating stations?

**Response:** Yes, geotechnical data is available. Please respond to RFI regardless of geotechnical borehole information.

12. Would SCPPA and its members be amenable to a project in close proximity to one of the identified generating stations (although not within the proposed locations)?

**Response:** The intend for this RFI is to own and operate the energy storage system. We are investigating the opportunity of having energy storage at existing available spaces.

13. Are costs to remediate and make sites suitable for new construction to be excluded from ESS project high level cost estimates?

**Response:** Yes, please exclude the site preparation cost from high level cost.

14. Can you indicate on the images provided the location of substation facilities for points of interconnection?

**Response:** Assume the point of interconnection (to 138KV and 230KV) to be at the designated areas.

15. Can one-lines be provided for substation facilities for points of interconnection?

**Response:** The one line diagram is not required for the purpose of this RFI. Assuming the point of interconnection to be at the designated area, SCPPA will run the conduit from the point of interconnection to the rack position.

16. Is it possible to schedule site visits to the DWP facilities? If so, how would one go about scheduling this type of visit?

**Response:** For the intend of this RFI, site visit is not required. During the RFP process, SCPPA will provide site visits.