

Solar Power System RFP Questions and Answers, May 30, 2019

1. Can you provide us the electrical drawing sets for the sites that are a part of this RFP?

The schematic provided by the manufacturer is posted on the RFP page

2. I am hoping you can email me a copy of any specifications and/or documents associated with this project.

The manual provided by the manufacturer is posted on the RFP page.

3. What are the individual project system sizes?

They have solar panels (9 x 275 watt PV panels for 2475 peak watt) for continuous charging, with a battery of 8 modules (24 VDC) with a capacity of 1200 amp hours. See the manual and schematic for more details.

4. What types of installations are they? (Rooftop, ground mount, carport, etc.)

The systems are mounted on skids on the ground. See the manual for more details.

5. What types of inverters, modules and racking are used at each asset?

See the manual for the complete specifications.

6. Environment inspection-2.1.3 Set the relays-please explain what "set the relays means"

See section 8.2.2 of the manual: "Cycle upper and lower vent gate assemblies to demonstrate proper operations by manually operating relays CR04, CR05 and CR06. Cycle electric battery heater to demonstrate proper operations by manually operating relay CR03."

7. PV-2.1.6 Clean the modules- Does the state wish this to be done? In general rain should take care of most soiling.

See the SunModule datasheet in the manual. Cleaning: In general, the modules do not need any cleaning if the tilt angle is sufficient (> 15°; self-cleaning by rain). In case of heavy soiling, it is recommended to clean the modules with plenty of water (low pressure hose) and without the use of cleaning agents. If necessary, a soft cleaning device (sponge) may be used. Never scrape or rub off dirt as this may result in micro-scratches.

8. System drawings, which include size of system and equipment-IE inverters, battery's, charge controllers

See question 3.

9. Are these Roof or ground mounted systems?

See question 4.

10. Age of the systems

The systems were acquired in 2014.

11. Could you please provide details of the systems including system size, module manufacturer, wattage, and model #, inverter make and model, battery make and model

See question 3.

12. Can you provide the following system documentation: electrical one-line, site plan or mechanical layout?

See question 1.

13. It appears that these systems may be containerized or packaged battery back-up power systems. Could you provide the operation manual for our review?

See question 2.

14. Are all systems identical?

Yes.

15. Are all locations accessible via 4WD Pickup truck?

Yes.

16. Is accessibility year round or seasonal?

All sites are accessible year-round.