

**BEFORE
THE OHIO POWER SITING BOARD**

In the Matter of the Application of **Powell**)
Creek Solar, LLC for a Certificate of)
Environmental Compatibility and Public Need) Case No. 20-1084-EL-BGN
for a Solar Facility Located in Putnam County,)
Ohio.)

**POWELL CREEK SOLAR, LLC'S DECEMBER 7, 2020 RESPONSES TO
STAFF'S SECOND SET OF DATA REQUESTS**

1. **What solar panel manufacturers are Powell Creek Solar, LLC considering for this project.**

RESPONSE: At this time, Powell Creek is only considering panels manufactured by LONGi Solar. As discussed below, Powell Creek will only use a crystalline silicon panel and adhere to all applicable safety standards, regardless of the manufacturer. The project will also hire an independent third party inspection agency that specializes in PV module fabrication to supervise the module fabrication in the production facility and perform independent quality assurance and quality control oversight of all module fabrication activities. In the unlikely event that Powell Creek selects a different panel manufacturer, Powell Creek will update and supplement this data request.

2. **Does Powell Creek Solar, LLC anticipate using more than one solar panel manufacturer for this project.**

RESPONSE: No.

3. **Will Powell Creek Solar, LLC select a solar panel that is listed as a Bloomberg New Energy Finance tier 1 solar panel supplier/manufacturer? If no, is there any other standard that Powell Creek intends to use in its selection of manufacturer(s)?**

RESPONSE: Yes.

- 4. Referring to page 42 of the Application, is Powell Creek Solar, LLC committing to using solar panels that will be compliant with applicable UL, IEEE, NEC, NESC, and ANSI listings.**

RESPONSE: Yes, the panel selected by Powell Creek will adhere to all applicable standards. The only listing for solar panels used in ground-mounted systems is the UL 1703 safety standard. This is now in a transition phase to the new UL 61730. Both are valid. LONGi has the latter listing for the modules Powell Creek intends to procure, and both NEC and ANSI refer to UL 1703/UL 61730. Powell Creek will also adhere to all relevant UL, NEC, ANSI, and IEEE standards for PV Inverters and trackers to insure their safe and reliable operation.

- 5. Have the solar panels under consideration by Powell Creek Solar, LLC passed the US EPA's Toxicity Characteristic Leaching Procedure (TCLP) test?**

RESPONSE: The panels under consideration by Powell Creek are all crystalline silicon solar panels. The TCLP is not commonly applied to crystalline solar panels as an industry practice. To date, there is no industry standard to require TCLP for crystalline silicon solar panels. The Project is aware that the TCLP has been applied to some cadmium telluride thin-film solar panels, but the project will not be using this panel type. As indicated in Powell Creek's response to Data Request No. 4, above, Powell Creek commits to using crystalline silicon panels that adhere to all applicable safety standards.

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Summary: Response of Powell Creek Solar, LLC to OPSB Staff's Data Request electronically filed by Teresa Orahoud on behalf of Dylan F. Borchers