

**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 RESPONSES TO
STAFF'S PRE-CONSTRUCTION DATA REQUESTS**

1. Please confirm and provide the:

- a. Number, make, model of solar panels

RESPONSE:

Number: 297,600 QTY (including spares),

Make: Canadian Solar

Model: N-type Bifacial TOPCon Technology CS7N-665TB-AG-675W/680W/685W/690W

- b. number, make, model of inverters

RESPONSE:

Number: (23) Type 1 (7.316kVA) and (4) Type 2 (3.658kVA),

Make: Ingeteam

Model: 3825TL C660 Power C Series FSK Inverter Power Skids

- c. make/model of the substation transformer(s)

RESPONSE:

Make: TOSHIBA - TSEA Energia Ltda

Model: 100 / 133 / 167 MVA, 138kV/34.5kV

2. Are those crystalline silicon solar panels (Commitment from Powell Creek Solar, LLC's Responses to Staff's Second Set of Data Requests question/answer #5)

RESPONSE: TOPCon Crystalline Silicon

3. What is the maximum capacity of the provided layout in MW (A/C) and MW (D/C) (Stipulation Condition #11).

RESPONSE: 150MW AC / 202.48MW DC

4. SPCC Plan: Please provide the spill prevention, control, and countermeasure plan (SPCC) (Commitment from Powell Creek Solar, LLC's Responses to Staff's Fifth Set of Data Requests question/answer #1)

RESPONSE: The SPCC Plan was submitted on September 21, 2023.

5. *Inadvertent Return Contingency Plan: Please provide current draft of the Inadvertent Return Contingency Plan and map indicating where HDD locations would be

RESPONSE: The Inadvertent Return Contingency Plan was submitted on September 21, 2023.

*a preliminary version of this was provided as Appendix F (Inadvertent Release of Drilling Fluid Contingency Plan) in Exhibit J (Ecological Assessment) of the Application

6. Have you received any Jurisdictional Determination from the USACE? If so, please provide.

RESPONSE: All 18 wetlands and 10 streams delineated were presumed to be jurisdictional WOTUS under Section 404 of the Clean Water Act. No Section 10 of the Rivers and Harbors Act jurisdictional surface waters occur within the Project Area. Impacts to presumed jurisdictional features will not exceed 0.1 acre of impacts during construction of culverts/access roads of the proposed Powell Creek Solar Project. As a result, Powell Creek intends to self-certify under the USACE Nationwide Permit 14 – Linear Transportation Projects to permit WOTUS impacts.

7. Have you obtained any wetlands permitting from the USACE or Ohio EPA? If so, please provide.

RESPONSE: The total project impacts do not exceed 0.10 acre of permanent impact, as a result, Powell Creek intends to self-certify under the USACE Nationwide Permit 14 – Linear Transportation Projects to permit WOTUS impacts. Additionally, according to the guidance provided by the OHEPA, the Project qualifies for the blanket 401 Water Quality Certification. As such, no additional permits are required from the OHEPA.

8. Condition #13, Construction Activities: What website can members of the public use to learn about construction progress (i.e., who to address complaints to, road closures, construction hours, any extra-ordinary construction activities occurring)

RESPONSE: Powell Creek Solar will continue to update their website throughout the construction process. Updates will include information about road/lane closures,

construction hours and activities, and the overall construction schedule. The site will also include information about who to reach out to with questions, concerns, or complaints.

9. Condition #13, Noise: Please fully explain what days of the week and corresponding hours construction activities will take place

RESPONSE: Our standard work week will be Monday through Friday from 7:00am until 5:30pm. Pile driving will not begin each morning until 9:00am due to the noise level. Hours are subject to change if schedule dictates the need and with the permission of the of the OPSB and the proper advance notification.

10. Condition #13, Noise: Will Powell Creek perform any nighttime work? If so, please explain the nature of the work and month/year when that would occur.

RESPONSE: There is no work planned from 7:00 pm thru 6:00 am.

11. Condition #15, Site Drainage: Please fully explain how this condition will be implemented. For example, explaining how broken tiles will be identified, timeframes for repair, number of crews fixing broken drain tiles, proper installation techniques for re-installing repaired drain tiles.

RESPONSE: If visual evidence indicates that a drain tile lateral is hit during pile diving activities and/or water pooling around a pile, a new single lateral (section of drain tile) will be installed to mitigate this issue. If a “main” is hit during trenching, work will stopped immediately and the area will be excavated to perform the repair before continuing to trench (less than 24 hours). A crew will not be assigned or dedicated for drain tile repairs; rather, the civil subcontractor will be notified when the damage is identified and will mobilize with the appropriate level of manpower to make the repair within 24 hours. Weather conditions may delay the response timeframe; however, repairs will be made as soon as conditions allow. The subcontractor will excavate around all sides of the damage and under-mine, if possible, in order to place clean fill underneath the broken drain tile and remove the damaged section. A new replacement section of drain tile will be installed most likely using two “furnco couplings” (rubber sleeve couplings with pipe clamps on both sides). In some cases, if the damaged section cannot be accessed under the drain tile, a “vacuum-truck” may be procured to expose the bottom side of the damaged section and implement the repair. Alternatively, a longer section of drain tile may be cut and sleeve the section that was damaged and removed, then secure with pipe/hose clamps. The landowner will be notified about the damage to provide them the opportunity to view the damaged section, ongoing repairs, and/or completed repair work.

12. Water Well Status Report: When will wells # 101288 and #X1 be capped and sealed? Who is the contractor that will perform the work? Please mark off these wells (preferably with orange fence) until these have been capped.

RESPONSE: BVC I will perform the cap and seal of wells # 101288 and #X1. Wells will be marked off with snow fence in the interim.

13. Please fully explain when the Issued For Construction civil plans will be submitted to Staff and what construction activities POWELL CREEK SOLAR, LLC plans to perform while Issued For Construction plans are being processed.

RESPONSE: No construction activities are expected without Approved for Construction drawings sets. Directly proceeding the OPSB meeting and any comments provided by OPSB staff, Black & Veatch will update the drawing set provided to OPSB and issue for construction to support site mobilization. It is anticipated that the temporary facilities drawings and associated erosion control drawings are issued first to support initial mobilization of site teams. This will be followed by the remainder of the plan sets and associated drawings. Site teams will have approved for construction drawings in hand prior to work in those areas commencing.

14. When will the main power transformer be delivered onsite?

RESPONSE: March 15, 2024

15. Please provide the generation equipment manufacturer's safety standards (or manuals). (Commitment from page 42 of the Application)

RESPONSE: Please see attached.

16. Please confirm that at least the following solar farm setbacks have been reflected into the IFP civil plans:

- a. at least 20 feet from the fence line to public roads (Commitment from Application's Figure 04-1)
- b. at least 50 feet from the fence line to Interstate or State Highways (Commitment from Application's Figure 04-1)
- c. at least 100 feet from the fence line to residences (Commitment from Application's Figure 04-1)
- d. at least 25 feet from the fence line to the edge of public road (Commitment from Application at page 74)
- e. at least 100 feet from the fence line to non-participating residences (Commitment from Application at page 74)

RESPONSE: Confirmed that these setbacks have been met with detailed design. These setbacks were verified by Black & Veatch engineering technician measurements of drawings.

17. Decommissioning Plan: Please update Section 4.0 (Decommissioning Cost Estimate Summary) of the decommissioning plan to reflect what timeframe this cost estimate will be periodically updated (e.g., adjusted for inflation, different revenues, etc.). (Stipulation Condition #16)

RESPONSE: An addendum to the Decommissioning Plan that addresses this was filed on September 20, 2023.

18. Decommissioning Plan: Please explain when the bond will be submitted to staff/board. Current bond template is attached.

RESPONSE: The decommissioning bond was sent to the OPSB Fiscal Department. Andrew Conway confirmed receipt on September 20, 2023.

19. Decommissioning Plan: Please update Section 4.3 (Decommissioning Cost Summary and Financial Assurance) of the decommissioning plan to reflect that decommissioning financial assurance mechanism will be a performance bond where the company is the principal, the insurance company is the surety, and the Ohio Power Siting Board is the obligee. (Stipulation Condition #16)

RESPONSE: An addendum to the Decommissioning Plan that addresses this was filed on September 20, 2023.

**This foregoing document was electronically filed with the Public Utilities
Commission of Ohio Docketing Information System on**

10/2/2023 2:43:34 PM

in

Case No(s). 20-1084-EL-BGN

Summary: Response to Staff's PreConstruction Data Requests electronically filed
by Teresa Orahod on behalf of Herrnstein, Kara.