

HILLCREST SOLAR PROJECT

March 2, 2023

Ohio Power Siting Board
Docketing Division
180 East Broad Street, 11th Floor
Columbus, Ohio 43215-3793

RE: Hillcrest Solar Project
Case Nos. 17-1152-EL-BGN, 18-1267-EL-BGA, and 20-0614-EL-BNR
Condition No 5 - As-Built Package Submission

Dear Mr. Zeto;

Hillcrest Solar I, LLC (Hillcrest Solar) is certified to construct a solar-powered electric generation facility in Brown County, Ohio in accordance with the Certificate of Environmental Compatibility and Public Need (CECPN or Certificate) from the Ohio Power Siting Board (OPSB) on February 15, 2018 (OPSB Case Number: 17-1152-EL-BGN), Order on Certificate on February 21, 2019 (OPSB Case Number: 18-1267-EL-BGA), and Construction Notice on June 21, 2020 (OPSB Case Number: 20-0614-EL-BNR).

The Hillcrest Solar Project (the Project) docketed a notice on November 17, 2021 declaring the commencement of the operational phase of the Project. This letter serves as a notice to the OPSB that the As Built specifications have been shared via the SharePoint site as per Condition No. 5 of the Certificate. This package includes the requested Civil, Electrical, Substation, O&M Facility, and Transmission Line/Point of Interconnection specifications in geologically referenced format.

Several studies were conducted in support of the application for the CECPN which presented the Project at its maximum aerial extend within the Project area, and therefore, its broadest and most significant impact to facilitate the use of any portion of it for the construction and operation of the Project. As the Project's design was finalized for construction, alterations to optimize design with respect to environmental, social, civil, and electrical constraints provided slight changes from the conceptual design packages previously submitted to the OPSB. The as built submission represents the facility as constructed and may reflect minor changes due to field-fitting components. The as built specifications illustrate the permanent, operational features and footprint of the Project.

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Below is a table summarizing the footprint of the project infrastructure for each design submission to the OPSB.

Description of Project	Estimated Conceptual Design (2017/2018)	Estimated Construction Design (2019)	Issued For Construction Design (2020)	As-built Specifications (2023)
Total Project Disturbance	1,877 acres	1,313 acres	1,278 acres	1,325 acres (includes Point of Interconnection)
Forestland Disturbance	43.0 acres	43.8 acres	42.7 acres	34.4 acres
Wetland Disturbance – Solar Arrays	0.01 acres WOH-001	0.035 acres WOH-001 0.011 acres WOH-007	0.061 acres WOH-001 0.013 acres WOH-007	0.020 acres WOH-001 0.010 acres WOH-007
Wetland Disturbance – Gen-tie	N/A	0.34 acres WOH-008 Pre-construction Notification & Application for Nationwide Permit 12 filed March 13, 2020	Construction Notice (Case # 20-0614-EL-BNR) approved June 21, 2020, Nationwide Permit 12 Verification Letter (LRH-2019-1024) received May 21, 2020	0.34 acres permanent impacts Temporary impacts restored and closed out with affiliated agencies
Gen-tie (almost entirely below grade and self-supporting steel structure)	Maximum of 1,000 linear feet in length	Less than 1,000 linear feet. Electric Power Transmission Line Construction Notice (BNR) (OAC Chapter 4606-06-05) to be filed Preapplication Notification Letter filed on March 18, 2020. Reserved Case #20-0614-EL-BGN	700 linear feet underground cabling with a dead-end structure located on a gravel pad (refer to Construction Notice - Case # 20-0614-EL-BNR)	598 linear feet underground cabling with a dead-end structure located on an acre gravel pad (refer to Construction Notice - Case # 20-0614-EL-BNR)
Access Roads to be utilized for construction, operation and maintenance of the project	Up to 26.4 miles of access road Access road widths: 20 feet (permanent/operations); 25 feet (temporary/construction)	13 miles of permanent access roads and 0.6 miles of temporary access roads Access roads are designed to comply with the design widths of 20 feet for permanent roads and up to 25 feet during construction	12.4 miles of permanent access roads and 0.5 miles of temporary access roads Access roads are designed to comply with the design widths of 20 feet for permanent roads and up to 25 feet during construction	12.4 miles of permanent access roads with widths of 20 feet All temporary access roads decommissioned and restored

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Description of Project	Estimated Conceptual Design (2017/2018)	Estimated Construction Design (2019)	Issued For Construction Design (2020)	As-built Specifications (2023)
Laydown (staging areas) for construction staging, equipment storage, and parking for workers	Each laydown to range from 1-3 acres in size, and collectively are expected to occupy 15-20 acres	6.3 acres of laydowns over seven areas	7.6 acres of laydown over six areas	Permanent laydown of 0.5 acres over three areas: O&M building parking lot, laydown near substation, laydown area in site C block 20.
Collector lines	Up to five narrow corridors of land to host the collector lines. Buried to a maximum depth of 4 feet Lengths of cable not provided in the application for CECPN	Design conforms to the conceptual design for five narrow corridors The length of cable for trench is 60,919 linear feet, plus 3,250 linear feet of horizontal directional drilling	Design conforms to the conceptual design for five narrow corridors The length of cable for trench is 62,668 linear feet Total bore length for horizontal directional drilling is 3,274 feet	Total length of cabling is 149,090 feet. Note that this is accounting for multiple cables in parallel within the five corridors. Total length of bores for horizontal directional drilling is 3,882 feet ²
Substation	3 acres	0.4 acres	0.4 acre area	0.4 acre area
Pyranometers	Up to six, less than 15 feet in height	There are five meteorological stations planned	Original five stations are being installed, less than 15 feet Five additional anemometer stations will be installed, with a tip height of 16' 15" ¹	Three pyranometers at each of the five meteorological stations, less than 15 feet Fifty-five anemometer stations for the trackers; one at each inverter skid, with a tip height of 16' 15"
O&M Facility	Offsite Location	Onsite Location (~0.21 acre footprint)	0.21 acre footprint total (including building, septic, tornado shelter, parking)	0.21 acre footprint

¹ Additional anemometer stations required by the tracker manufacturer Soltec to improve the trackers' stow response to wind conditions

² Bore length increased due to realignment of collector line feeders 4 & 5 to avoid environmentally sensitive areas.

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Description of Project	Estimated Conceptual Design (2017/2018)	Estimated Construction Design (2019)	Issued For Construction Design (2020)	As-built Specifications (2023)
Landscape Plan	<p>14 sites of visual screening in conjunction with natural vegetation</p> <p>Variety of evergreen and semi-evergreen plants with pollinators</p>	<p>32 sites of visual screening in conjunction with natural vegetation</p> <p>Juniper, Bayberry and Viburnum shrubs with pollinator seed mix</p>	<p>33 sites of visual screening in conjunction with natural vegetation</p> <p>Techny Arborvitae, Cornus Huron, Chicago Lustre Viburnum with pollinator seed mix (species substituted due to availability of stock at the nursery with approval from Meisner + Associates, Landscape Architecture consultant)</p>	<p>34 sites of visual screening in conjunction with natural vegetation. Screening totals 25,012 linear feet.</p> <p>Species same as IFC.</p>

Construction activities on site are complete and the third-party environmental monitor determined the project area is restored and stable per the site-specific Stormwater Pollution Prevention Plan. Coverage under the Ohio Environmental Protection Agency National Pollutant Discharge Elimination System General Permit for Stormwater Discharges associated with Construction Activity (OHC000005) has been terminated. Activities on site now reflect those of a fully operational facility.

We are available, at your convenience, to answer any questions you may have.

Sincerely,



Julia Mancinelli, Director – Environment

**This foregoing document was electronically filed with the Public Utilities
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in

Case No(s). 17-1152-EL-BGN, 18-1267-EL-BGA, 20-0614-EL-BNR

Summary: Notice Notice of Compliance with Condition No. 5 - As Built
Specifications electronically filed by Ms. Madison Walsh on behalf of Hillcrest Solar
I, LLC