

May 21, 2025

Western Electricity Coordinating Council
155 North 400 West, Suite 200
Salt Lake City, Utah 84103-1114

Re: Comprehensive Progress Report for Bellefield Solar Farm

To the Western Electricity Coordinating Council,

50LW 8me LLC (Bellefield Solar Farm “Bellefield 1”)—an affiliate of AES Clean Energy Development, LLC is developing a 500 MW_{AC} solar PV and 500 MW_{AC}, 4 hour, battery energy storage system (“BESS”) project in Kern County, California (the “Project”) under the California Independent System Operator’s jurisdiction with the Southern California Edison Company as the Participating Transmission Operator. The project was assigned queue position Q1510 in the CAISO interconnection queue and is expected to achieve Commercial Operation in August 2025. The Project will have a 14-mile 230 kV generation tie-line to SCE’s Windhub Substation. This Gen-tie line will be shared with Q1631 Bellefield 2 project. Bellefield 1 total output capacity observed at the point of interconnection will remain 500 MW_{AC}.

The initial 500 MW interconnection request was designed with two hundred and fifty-three (253) SMA Sunny Central 2500 inverters with a rated output of 2.5 MVA @ $\leq 25^{\circ}\text{C}$ for the solar PV portion of the Large Generating Facility and two hundred and fifty-three (253) SMA Sunny Central 2500-EV inverters with a rated output of 2.5 MVA @ $\leq 25^{\circ}\text{C}$ for the BESS portion of the Large Generating Facility. An MMA was submitted to update the PV and BESS inverters used for Bellefield Solar Farm to the following configuration: 160 Sungrow SG3600UD-MV PV inverters and 559 Tesla MegaPack 2XL BESS inverters.

The Bellefield 1 substation will include two (2) – 135/181/226 MVA and one (1) - 66.53/88.49/111.11 MVA, 230/34.5/13.8 kV main step-up transformers that connect to a new 14-mile 230 kV transmission line, which is installed from the Bellefield 230 kV substation facility to the POI located at Windhub 220 kV substation.

Please reference the attachments, including utility studies and single line diagrams, and do not hesitate to contact me with any questions you may have about the project.

Sincerely,

A stylized signature of Jacob Pundyk in a cursive font, with a small green and blue logo to the left.

Jacob Pundyk
Director, Interconnection
50LW 8me LLC
c/o AES Clean Energy Development, LLC
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Electronic Record of Contracts

This document was generated as a record of certain contracts created, accepted and stored electronically.



Summary of Contracts

This document contains the following contracts.

Title	ID
WECC progress report (WECC and AES)	e9f18a3b-16f1-4b78-b5e4-24ee0d091955

Contract signed by:

Jacob Pundyk

Signer ID: 13f21807-6476-4596-b008-94e731495553

Email: jacob.pundyk@aes.com

Date / Time: May 22, 2025 at 2:58 PM EDT

IP Address: 73.71.126.89

User Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/136.0.0.0 Safari/537.36