

Baldy Mesa Solar, LLC
Silver Peak Energy, LLC
Baldy Mesa C, LLC
2180 S 1300 E, Suite 500
Salt Lake City, UT 84106

July 2nd, 2025

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

Re: Comprehensive Progress Report for Baldy Mesa and Baldy Mesa 2

To the Western Electricity Coordinating Council,

ACE Development Company, LLC is developing a 200 MW_{AC} Solar PV and Battery Energy Storage System (BESS) project in Adelanto, California, under the California Independent System Operator's jurisdiction with the Southern California Edison Company as the Participating Transmission Operator. The project is expected to achieve Commercial Operation over three phases, with the earliest phase expecting to achieve Commercial Operation in December 2023, and the latest phase expected to reach Commercial Operation in September 2026. All three phases of the project will connect to one single Step up transformer which will step it up from 34.5 kV to 220 kV and connect to SCE's Roadway Substation via a 4.3 mile generation tie-line.

Phase 1 of the project, named Baldy Mesa Solar, LLC, has a nameplate capacity of 150 MW_{AC}, and is located at 19252 Muskrat Ave, Unit A, Adelanto, California, 92301. The project is DC coupled and consists of One Hundred and Sixteen (116) GPTech WD3 series 2Ms1.2BsWD3-V910-MV34.5 inverters; these inverters output will be stepped up by pad mount transformers from 910 V to 34.5 kV. The combined output of all the pad mount transformers will then be stepped-up to 115 kV via a 141/188/235 MVA grid step-up transformer shared between all three phases, which then connects to the Roadway Substation via a 4.3 mile overhead 115 kV gen-tie line. Phase 1 achieved Commercial Operation Date of April 30th 2024.

Phase 2 of the project, named Silver Peak Energy, LLC, has a nameplate capacity of 50 MW_{AC}, and is located at 19252 Muskrat Ave, Unit A, Adelanto, California, 92301. The project is DC coupled and consists of Forty (40) GPTech WD3 series 2Ms1.2BsWD3-V910-MV34.5 inverters; these inverters output will be stepped up by pad mount transformers from 910 V to 34.5 kV. The combined output of all the pad mount transformers will then be stepped-up to 115 kV via a 141/188/235 MVA grid step-up transformer shared between all three phases, which then connects to the Roadway Substation via a 4.3 mile overhead 115 kV gen-tie line. Phase 2 has achieved Commercial Operation Date of December 18th, 2024.



Phase 3 of the project, named Baldy Mesa C, LLC, has a nameplate capacity of 50 MW_{AC}, and is located at 19252 Muskrat Ave, Unit A, Adelanto, California, 92301. The project consists of Fourteen (14) Gamesa Electric Proteus PCS 5150E inverters; these inverters output will be stepped up by pad mount transformers from 850 V to 34.5 kV. The combined output of all the pad mount transformers will then be stepped-up to 115 kV via a 141/188/235 MVA grid step-up transformer shared between all three phases, which then connects to the Roadway Substation via a 4.3 mile overhead 115 kV gen-tie line. Phase 3 has an expected Commercial Operation Date of September 10th, 2026.

Please reference the attached exhibits 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, handwritten signature of Jacob Pundyk in black ink, with a small green and blue logo to the left.

Jacob Pundyk
Director, Interconnection Engineering
jacob.pundyk@aes.com
(310) 625-7281

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)	3d56e974-07b8-4a86-a5d3-44ee31281920

Contract signed by:

Jacob Pundyk

Signer ID: 31bea766-ff7b-4ed5-9f1b-3b10f3bc1275

Email: jacob.pundyk@aes.com

Date / Time: Jul 3, 2025 at 3:54 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/137.0.0.0 Safari/537.36