

Most Outstanding Solar Project

Clover Creek Solar Field

With the majestic 11,929-ft. tall Mt. Nebo looming in the distance, the Clover Creek Solar Field project is a testament to Utah's burgeoning sustainable energy market. According to the Solar Energy Industries Association website, Utah ranks 12th nationally (through 2020) with over 2.2 GW of solar installed. This accounts for approximately 8% of the state's electricity.

The impressive Clover Creek project

is a 107-megawatt (MW) solar installation spanning 560+ acres, marking a significant footprint for the small town of Mona along the I-15 corridor, just south of the Utah County line. It will provide renewable energy to the Utah Municipal Power Agency and six of its member cities: Provo, Spanish Fork, Nephi, Salem, Manti and Levan. It is comprised of more than 240,000 panels placed on nearly 45,000 steel piles, which

are designed so panels can move to follow the sun.

The panels are frameless Solar Series 6 units—among the most modern panels currently on the market—that utilize a rapid clamp system versus a four-bolt system, making the installation process much more efficient. At peak capacity, the project had more than 200 full-time workers.

Owner: AES Corporation

Design Firm: Solvida Design + Engineering

General Contractor: BHI

Civil Engineer: Sierra Overhead Analytics

Electrical Engineer: NEI Power Engineering and Solvida Design + Engineering

Mechanical & Structural Engineer: Solvida Design + Engineering

Geotech: Westwood Professional Services

Other Specialty Contractors: Spartan, AED



