

Utility-Scale Solar and Energy Storage

Edwards & Sanborn Solar and Storage Project: Kern County, California

Project Overview

Building the world's largest solar and energy storage project requires deploying technology and resources at an unprecedented scale.

The Edwards & Sanborn project spans 6,000 acres in Kern County, California, and will supply solar energy and storage with 807 MWac of solar photovoltaic (PV) energy and a 3,287 MWh battery energy storage system (BESS). The project began construction in Q1 2021, with expected completion in 2023, and involves multiple construction phases, power purchase agreements (PPAs), and financings.

Solas Energy Solution

Solas Energy contracted with the project developer, Terra-Gen, to support this highly complex project with comprehensive services, including:

- Embedded technical and commercial resources
- Request for proposal (RFP) and contracting process for construction of PV, BESS, and high-voltage (HV) project scopes
- Contract exhibit development management, and technical and commercial support
- Financial management, budgeting, purchase order (PO), contract management, and change order management services
- Commissioning support, non-conformance reporting (NCR) management, environmental project management services, and general field inspections
- Project operations, maintenance strategy, and plan development
- Design, engineering, and O&M building construction supervision



Results

Solas Energy applied its extensive experience in renewable energy project and construction management, working alongside Owner's development, construction, operations, and financing teams.

Solas Energy's comprehensive service offering helped to mitigate project risk by providing resources needed to coordinate with contractors, independent engineers, Owner's engineers, and other field services providers, leading to the successful construction of this world-class project.

