

Nighthawk Energy Storage Project

Arevon is building an energy storage project in Poway to support local grid reliability and maximize the use of clean, renewable energy sources like solar and wind. The Nighthawk project is one of several energy storage projects throughout California that Arevon is developing to help our state achieve clean air and energy mandates.

Project Area Rendering



Project Overview

Construction Schedule

10 to 12 months

Completion and Operation

Summer 2025

Size

300 Megawatts (MW)

Point of Interconnection

SDG&E Sycamore Canyon Substation

Transmission Line

All underground facilities

Design Features



LFP Lithium-ion
batteries



No air emissions



No radiation



No soil or
groundwater
contamination



Landscaping

Fire Safety Measures



24/7 Monitoring of Operating Conditions



Underground Transmission Line



260-foot Defensible Space



Built-in Failsafe and Cooling Systems

About Energy Storage

Energy storage is the ability to capture energy at one time for use at a later time. Electricity generated from solar or wind is routed through the transmission system, sending electricity to homes and storing any excess electricity in batteries. When there is higher demand for electricity than what is being generated from the renewable sources, the batteries release stored electricity to the grid.

