

Nighthawk Energy Storage Project

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

Project Area Rendering



Project Overview

Construction Schedule

12 to 14 months

Size

300 megawatts (MW)

Point of Interconnection

SDG&E Sycamore Canyon Substation

Completion and Operation

Q4 2025

Transmission Line

All underground facilities

Design Features



Lithium-ion
batteries



No air emissions



No radiation



No soil or
groundwater
contamination



Maintained
Landscaping

Safety Measures



24/7 monitoring of operating conditions



100-foot defensible space



Underground transmission line



Built-in failsafe and cooling systems

About Energy Storage

Utility-scale energy storage systems store energy in rechargeable batteries, and then discharge it into the grid at a later time when most needed — to meet peak electricity demand, provide reliable electricity delivery during adverse weather when the grid is under stress, or prevent costly and dangerous power outages.

