

Peregrine Energy Storage Project

Arevon is building an energy storage project in the Barrio Logan community of San Diego, California, to support local energy reliability and maximize the use of renewable energy sources like solar and wind. The Peregrine Energy Storage Project is one of several battery 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

Eight to 10 months

Size

200 megawatts (MW)

Point of Interconnection

SDG&E Silvergate Substation

Completion and Operation

Summer 2025

Transmission Line

All underground facilities

Design Features



Lithium-Iron
Phosphate
Batteries



No air emissions



No radiation



No soil or
groundwater
contamination



Maintained
Landscaping

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.

Community Engagement

Arevon is committed to being an active, responsible partner in the communities that host our projects while cultivating long-term relationships that respect local values. Transparency and community engagement are fundamental pillars of our project development process.

Arevon's community giving approach is centered around the following pillars:

- Promotion, development, and support of education with a focus on Science, Technology, Engineering, and Mathematics (STEM).
- Alleviating food and housing insecurity.
- Efforts to increase and support public health and safety.

Peregrine Energy Storage is a member of the San Diego Regional Chamber of Commerce and supports local schools and organizations through donations and event sponsorships.

Peregrine Energy Storage has proudly supported Father Joe's Villages, Clean Tech San Diego, and the San Diego County Deputy Sheriffs Foundation. The project continues to support STEM education and poverty alleviation initiatives at Perkins K-8 School and the Barrio Logan College Institute, including sponsoring eight students to complete programming in STEM education at Barrio Logan College Institute.