

Nighthawk Project

City of San Diego Planning Commission

PRJ # 1075505

August 29, 2024



About Arevon

- One of North America's leading renewable energy companies.
- Headquartered in Scottsdale, AZ, and New York City, NY.
- Developer, owner, and operator of renewable energy projects, providing clean power to utilities and corporations across the nation.
- Manage and/or service over **160** solar, wind and energy storage projects.



Size:

- 300 Megawatts (~9 acres)

Interconnection:

- Sycamore Canyon Substation (SDG&E)

Construction Schedule:

- 10-12 months (Operational ~Q2 2025)

About Nighthawk



Underground Transmission Line

Specifications:


- Construction of the t-line is anticipated to take 4-5 months
- 0.6 miles within San Diego limits (fully underground)
- Buried 2+ feet deep
- Routed to follow pre-disturbed land to mitigate impacts
- Boring utilized under city street ROWs
- Easement agreements have been executed with all landowners along the route, including Clerco, Stonebridge Estates, and the Miramar Base



Environmental Footprint

- Arevon strongly believes in environmental stewardship.
- Worked with the City and Wildlife Agencies to avoid and minimize impacts to environmentally sensitive land
- As part of its efforts Arevon will be restoring additional areas surrounding the proposed Underground Transmission Lines.





Arevon has a proven track record of safely constructing and operating renewable energy and transmission projects across the country.

**Technology
& Safety**

Technology & Safety

Arevon has been working with both San Diego and Poway Fire Departments since March 2022 and has obtained approval on the fire protection design.

The transmission line system includes protection and control features on each end that automatically shuts down when operational environments are anything less than optimal.



Reviewed by Poway and San Diego FD. Inspections are performed prior to operations and annually thereafter.



Arevon control room operators will continuously monitor the project 24/7.



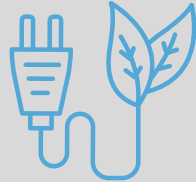
Undergrounding the T-Line avoids fire risk associated w/ Overhead lines. This feature was added per the Scripps Ranch Community Planning Group request.



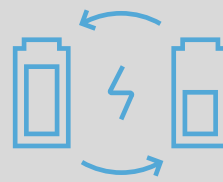
The Importance of Battery Energy Storage



Battery energy storage is proven, reliable and cost-effective.



Battery energy storage can help with meeting California's energy storage mandate to reduce the state's reliance on fossil fuels and to integrate intermittent renewable energy resources.



Battery energy storage can improve grid reliability and help to defer costly transmission and distribution upgrades.



Reaching California's goal of a carbon-free grid by 2045 could require as much as 48,000 MW of battery storage.



The California Public Utilities Commission found that the system requires 7,500 MW to be placed in service between 2023 and 2025 to avoid challenges in the mid-term.

Thank you!



NighthawkEnergyStorage.com