

# Seguro Energy Storage



Seguro Storage is a proposed battery energy storage project in north San Diego County, California, near Escondido and San Marcos, that provides a critical and cost-effective source of reliable power to support the electric grid in the region.

Energy storage enables power generated during the day to be stored and delivered during periods of high demand, thereby helping stabilize the power grid while also reducing California's reliance on fossil fuels. The flexibility provided by the Seguro Storage project will be critical to helping the San Diego region meet its decarbonization goals and California achieve 100% carbon-free energy by 2045.

## Project overview

- Up to 320 megawatts (MW) / 1,280 megawatt hours (MWh) capacity\*
- Enough stored energy to power nearly 240,000 California homes for four hours
- Supports the electric grid reliability by providing a flexible energy resource
- Utilizes land near existing electric grid infrastructure to minimize the need for long, overhead transmission lines

\*Note: The proposed original size for the Seguro BESS was 400 MW / 1600 MWh. The size has been reduced due to stakeholder and community feedback and project design requirements.

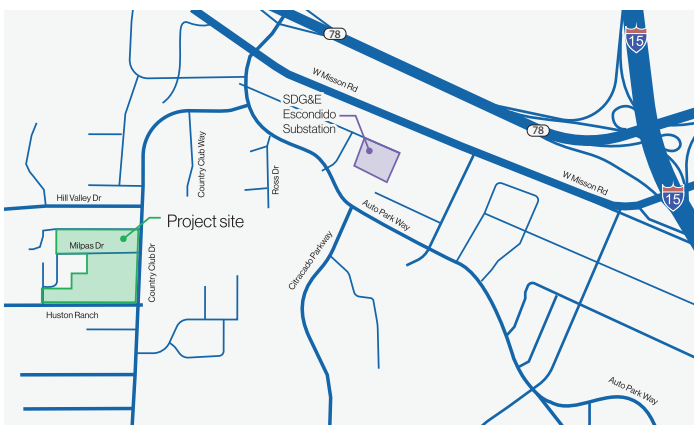


## Energy storage facility design

The Seguro Storage project will feature metal storage containers, approximately 8 to 10 feet in height, that will house racks of battery modules equipped with insulation and robust safety monitoring and management systems.

The battery storage system will connect to the power grid via a new substation that will be built on the project site. That substation will connect to the nearby existing San Diego Gas & Electric (SDG&E) Escondido Substation via an electric transmission line. Equipment will also be installed to enable remote monitoring and control of the facility.

The project will meet all of San Diego County's standards, including for lighting, noise, landscaping, and other project elements, such as setbacks, height limitations, and stormwater management.



The proposed project will be located on a 22.5-acre site of private land on Country Club Drive in the Eden Valley area of unincorporated San Diego County, southwest of the junction CA Highway 78 and Interstate 15.

# Project Timeline

2021-2025  
Development/  
Siting/Permitting



late 2026  
Operations



2025-2026  
Construction



## Environmental Review

The project will be reviewed under the California Environmental Quality Act (CEQA). Environmental and technical studies for the project will include a Phase I Environmental Site Assessment, hydrology, geotechnical, cultural resources, land, topography, biological, wetlands, economic impact and other studies. AES will work with the relevant government and regulatory agencies to comply with all environmental requirements for the project.

## Community engagement

AES is committed to being a good neighbor and partner to the communities where our projects are located. This includes informing and engaging project stakeholders and the public throughout all phases of the project. AES also supports local contractors, community organizations and programs.



## Local economic benefits

The project is expected to provide the following benefits to the local economy:

- Jobs during construction and operations, while supporting indirect employment and businesses in the area
- Long-term tax revenue to the local community, school districts, and county



## About AES

The AES Corporation is a global energy company accelerating the future of energy. Together with our many stakeholders, we're improving lives by delivering the greener, smarter energy solutions the world needs.

In California, AES has been developing and delivering innovative clean and reliable energy solutions, creating jobs, and investing in communities since 1989, with currently 2.8 gigawatts (GW) of reliability assets and more than 1.5 GW of solar, wind, and battery storage facilities in operation.

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Last updated 3/18/24

## For more information

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