



Farming the Sun Solar Power in Westlands

California has set its sights on 100% clean energy by 2045, and the Central Valley will play a vital role in getting there. The same Mediterranean climate that make Westlands an ideal farming location, make it well-suited for solar. As water supplies have become more unreliable, farmers have turned to solar development as an alternative use for the land.



A SECOND LIFE FOR NON-IRRIGABLE LAND

Solar development in Westlands is largely on lands that are no longer irrigated due to inadequate water supply - giving land a second life while helping avoid the need to develop solar projects on undisturbed lands. Due to this land's previous agricultural use, there is significantly lower risk of negative impact to native species from solar development. Approximately 16,000 acres of previously Westlands-owned, non-irrigated land have been given a second life generating clean, renewable energy.

“We’re holding Westlands up as a model to utilities, regulators and solar developers on how to take pressure off undeveloped land and move projects forward.”

- Helen O’Shea, National Resources Defense Council



The Westlands Footprint

Adams East Solar Project

Approximately seven miles southwest of Tranquility and sprawling on over 200 acres in Fresno County, the Adams East Solar Project totals 34 MW of capacity – generating enough clean electricity to power nearly 25,500 homes.

Five Points Solar Project

The 60 MW project produces enough clean electricity to power nearly 45,000 homes. It was built on over 500 acres in Fresno County.

Little Bear

Little Bear consists of 5 projects with a total of 180 MW capacity – producing enough clean electricity to power nearly 135,000 homes. It is situated on over 1,200 acres in Fresno County.

Luna Valley Project

The project is situated on 1,200 acres nine miles northeast of Tranquility in Fresno County. With the capacity to generate 200 MW of power and 200 MW of battery storage, there will be enough clean power for 180,000 homes.

Projects developed solely on private land are not included on this list

North Light Project

The project is comprised of approximately 627 acres two miles southwest of the City of Mendota. The site generates an estimated 60 MW of power and has the capacity to produce enough clean electricity to power approximately 45,000 homes.

Scarlet Solar Energy Project

Located on over 4,000 acres in Fresno County, 3.5 miles west-southwest of Tranquility with a total of 400 MW capacity – generating enough energy to power nearly 300,000 homes.

Silverado Power Project

Just two miles southwest of the City of Mendota, the Silverado Power Project is located on over 161 acres in Fresno County. This solar development is comprised of two projects with a total capacity 40MW – generating enough energy to power nearly 30,000 homes.

Slate Solar Project

This Kings County project sits on 400 acres and is part of a larger project that spans over 2,400 acres with a total of 300 MW capacity – generating enough energy to power nearly 225,000 homes.

Sonrisa Solar Park

The Project site is comprised of approximately 1,700 acres and will generating estimated 200 megawatts of solar power with an estimated 100 MWac of battery storage capacity. The Sonrisa Solar Park has the capacity to produce enough clean electricity to power nearly 180,000 homes.

Tranquility Project

Producing enough clean electricity to power nearly 300,000 homes, the Tranquility Project is comprised of 8 projects with a total of 400 MW capacity on over 3,500 acres in Fresno County.

Westlands Solar Park

Upon completion, Westlands Solar Park will be the largest solar generating facility in the United States – sprawling across more than 20,000 acres of private and Westlands lands in the San Joaquin Valley. With a projected 2.7 GW total capacity, Westlands Solar Park will generate enough clean energy to power more than 2 million homes and offset more than 3.2 million tons of carbon dioxide.



Valley Clean Infrastructure Plan (VCIP)

VCIP is a development program proposed by Golden State Clean Energy, in collaboration with Westlands Water District, to repurpose up to 130,000 acres of drainage-impaired and other agricultural lands within Westlands for solar generation, energy storage, and electric transmission facilities.

A full build out, the projects developed under VCIP would generate 20 gigawatts, enough to provide up to one-sixth of California's electricity requirements in 2035 and up to one-tenth of its requirements in 2050.