



Lone Valley Solar Park

San Bernardino County, California

Lone Valley Solar Park consists of two phases and is located in the western Mojave Desert, approximately five miles southeast of Lucerne Valley. With a semi-arid climate, vast expanses of land, and sunny days three-quarters of the year, Lucerne Valley is an ideal location for solar projects. The solar park complements the area's desert landscape while harnessing the region's abundant sun.



30 MW

ONLINE SINCE 2015



Lone Valley Solar Park's generation is equivalent to the average consumption of more than **10,200 California homes**.¹



Lone Valley Solar Park saves more than **38 million gallons** of water each year and prevents the air pollution that causes smog, acid rain, and climate change.²

Economic benefits



CAPITAL INVESTMENT³
\$56 million



\$474,000+
PAID TO LOCAL GOVERNMENTS⁵



\$1.6+ million
PAID TO LANDOWNERS⁴



\$3.2 million
SPENT LOCALLY⁶



PERMANENT JOBS⁷
1 job created



CONSTRUCTION JOBS⁷
170 jobs created



About us

EDP Renewables North America LLC (EDPR NA), its affiliates, and its subsidiaries develop, construct, own, and operate wind farms, solar parks, and energy storage systems throughout North America. Headquartered in Houston, Texas, with 60 wind farms, 12 solar parks, and eight regional offices across North America, EDPR NA has developed more than 9,600 megawatts (MW) and operates more than 8,900 MW of onshore utility-scale renewable energy projects. With more than 1,000 employees, EDPR NA's highly qualified team has a proven capacity to execute projects across the continent.

EDPR NA is a wholly owned subsidiary of EDP Renewables (Euronext: EDP), a global leader in the renewable energy sector. EDPR is a global leader in renewable energy development with a presence in 28 regions in Europe, North America, South America and Asia-Pacific. With headquarters in Madrid and leading regional offices in Houston, São Paulo and Singapore, EDPR has a sound development portfolio of top-level assets and market-leading operating capacity in renewable energies. Particularly worthy of note are onshore wind, distributed and large-scale solar, offshore wind (OW – through a 50/50 joint venture), and technologies to complement renewables such as storage and green hydrogen.

EDPR's employee-centered policies have received recognition such as Top Workplaces 2023 in the USA, Top Employer 2023 in Europe (Spain, Italy, France, Romania, Greece, Portugal and Poland) Colombia and Brazil, and are also included in the Bloomberg Gender-Equality Index.

EDPR is a division of EDP (Euronext: EDP), a leader in the energy transition with a focus on decarbonization. Besides its strong presence in renewables (with EDPR and hydro operations), EDP has an integrated utility presence in Portugal, Spain and Brazil including electricity networks, client solutions and energy management.

EDP – EDPR's main shareholder – has been listed on the Dow Jones Index for 16 consecutive years, recently being named the most sustainable electricity company on the Index.

For more information, visit www.edpr.com/north-america.



Lone Valley Solar Park consists of **121,000 Jinko Solar photovoltaic panels**.



Southern California Edison purchases energy from Lone Valley Solar Park.⁶



Lone Valley **helps strengthen energy security** for the state of California and the United States, helping diversify domestic supply.



In the first three quarters of 2023, solar energy comprised of **48% of all new generating capacity**.⁹



Lone Valley Solar Park Operations & Maintenance Office

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¹ Power generation calculated using a 25% capacity factor. Household consumption based on the 2022 EIA Household Data monthly average consumption by state.

² Assumes 0.58 gallons of water consumed per kWh of conventional electricity from Lee, Han, & Elgowainy, 2016.

³ Assumes the average cost of an installed solar photovoltaic system is \$0.90/watt for a utility-scale project. Based on 2019 SEIA U.S. Solar Market Insight.

⁴ Cumulative landowner payments from 2020 through 2023.

⁵ Cumulative local government payments from 2020 through 2022.

⁶ Includes vendor spending, landowner payments, and wages from site jobs from 2020 through 2023.

⁷ Full-time equivalent jobs calculated by dividing number of contractor hours worked during construction by 2080.

⁸ Lone Valley I Solar Park Offtakers: Southern California Edison (PPA), Lone Valley II Solar Park Offtakers: Southern California Edison (PPA).

⁹ Solar Energy Industries Association, Solar Data Cheat Sheet, 2023.