



CALIFORNIA: Lone Valley



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.

30.34 MW

ONLINE SINCE 2015



Lone Valley Solar Park produces enough electricity to power more than **10,000** California homes.¹

Economic Benefits



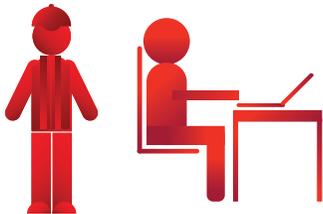
Lone Valley represents a capital investment of approximately **\$56 million**.²



Approximately **\$342,000** in cumulative payments to local governments through 2019.³



More than **\$2.3 million** paid to local landowners through 2019.



Created **170** full-time equivalent jobs during construction and **1** permanent job during the life of the project.⁴

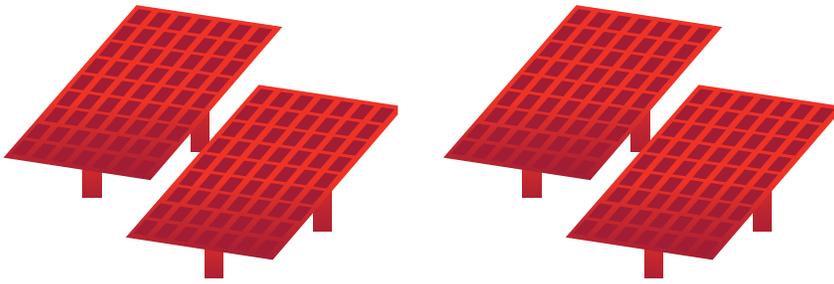


\$5.5 million spent within 50 miles of the solar park through 2019.⁵



Southern California Edison purchases energy from Lone Valley.⁶

Panel Technology



Lone Valley I Solar Park consists of **40,000** solar photovoltaic panels, and Lone Valley II Solar Park consists of **81,360** solar photovoltaic panels.

About Us

EDP Renewables North America LLC (EDPR NA) and its subsidiaries develop, construct, own, and operate wind farms and solar parks throughout North America. Headquartered in Houston, Texas, with 52 wind farms, eight solar parks, and seven regional offices across North America, EDPR NA has developed more than 7,300 megawatts (MW) and operates more than 7,000 MW of renewable energy projects. With more than 700 employees, EDPR NA's highly qualified team has a proven capacity to execute projects across the continent.

EDPR NA is owned by EDP Renováveis, S.A. (EDP Renewables or EDPR), a global leader in the renewable energy sector and the world's fourth-largest wind energy producer. With a sound development pipeline, first-class assets, and market-leading operating capacity, EDPR has undergone exceptional development in recent years and is currently present in 14 markets (Belgium, Brazil, Canada, Colombia, France, Greece, Italy, Mexico, Poland, Portugal, Romania, Spain, the United Kingdom, and the United States). Energias de Portugal, S.A. ("EDP"), the principal shareholder of EDPR, is a global energy company and a leader in value creation, innovation, and sustainability. EDP has been included in the Dow Jones Sustainability Index for 13 consecutive years.

For more information, visit
www.edpr.com or www.edprnorthamerica.com

¹Power generation calculated using a 25% capacity factor for solar based on [February 2020 EIA average solar capacity factor](#). Household consumption based on the [2018 EIA Household Data monthly average consumption by state](#).

²Assumes 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](#).

³Cumulative local government payments from 2010 through 2019.

⁴Full-time equivalent jobs calculated by dividing number of contractor hours worked during construction by 2080.

⁵Includes vendor spending, property taxes, landowner payments, and wages from site jobs. These numbers are presented for example purposes only, and actual payments may vary.

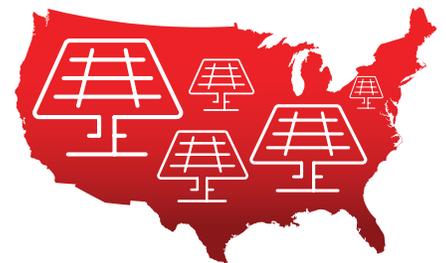
⁶Lone Valley I Solar Park Offtakers: Southern California Edison (PPA).
Lone Valley II Solar Park Offtakers: Southern California Edison (PPA).

⁷Assumes 0.58 gallons of water consumed per kWh of conventional electricity from [Lee, Han, & Elgawainy, 2016](#).

⁸Based on [2019 SEIA U.S. Solar Market Insight](#).



Lone Valley Solar Park saves more than **53 million** gallons of water each year.⁷



POWERING THE USA
In 2019, solar represented nearly 40 percent of new electricity generating capacity in the U.S.⁸



Lone Valley Solar Park provides energy security and helps diversify supply.



renewables

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