Las Camas Solar & Energy Storage

Merced County, California

Installed capacity: **200 MW + 100 MW/400 MWh Storage**

Estimated commercial operation: **2027**

Generation will be equivalent to the average consumption of more than **169,000 California homes**.[1]

The Las Camas Solar & Energy Storage will be located west of the city of Los Banos, due south of the community of Santa Nella and adjacent to the I-5/Highway 33 Interchange. The project site was selected for its strong solar resource, access to transmission lines, and gently sloping, undeveloped terrain.

Economic benefits

$12+ million
WILL BE PAID TO LOCAL GOVERNMENTS

Millions of dollars
WILL BE PAID TO LANDOWNERS

Millions of dollars
WILL BE SPENT LOCALLY

PERMANENT JOBS[2]
Up to 7 jobs will be created

CONSTRUCTION JOBS[2]
Up to 350 jobs will be created

Energy security

Power generated at Las Camas will support the state of California's electric grid. The site will also contribute to the **national energy security for the United States**, helping diversify domestic supply.

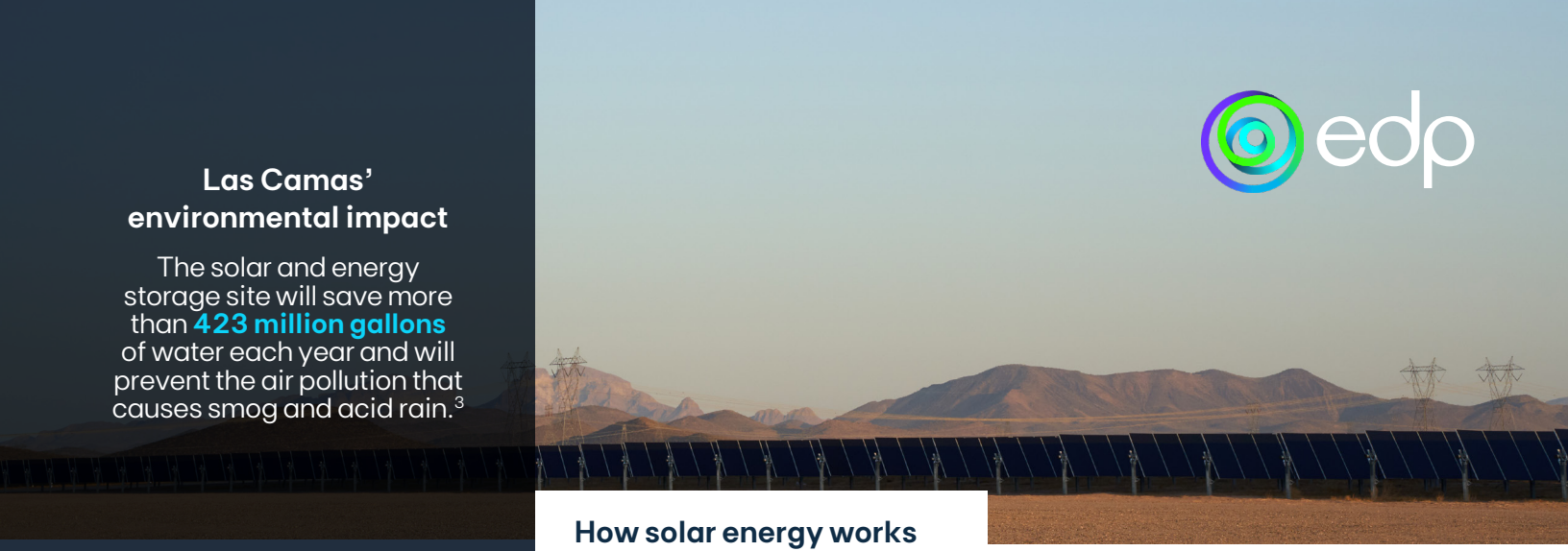
Environment and solar energy storage projects

Energy storage facilities are designed to not release pollutants into the air, soil, or waterways. Additionally, **solar panels contain no liquids or materials that pose a risk to the environment or human health.**

Energy storage safety

Between cell phones, laptops, and power tools, many people have a lithium-ion battery in their pockets or hands at all times. Additionally, energy storage fires are very rare and their rate of frequency is decreasing. **Energy storage sites are also highly regulated to ensure safety for neighbors, communities, and technicians.**

All economic data reflects the estimated amount throughout the life of the project.



Las Camas' environmental impact

The solar and energy storage site will save more than **423 million gallons** of water each year and will prevent the air pollution that causes smog and acid rain.[3]

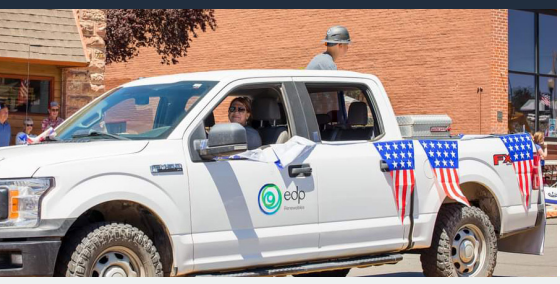
EDPR NA's impact in North America from solar energy[4]

$41.8 million
PAID TO LANDOWNERS

$16 million
PAID TO LOCAL GOVERNMENTS

4,400
CONSTRUCTION JOBS CREATED

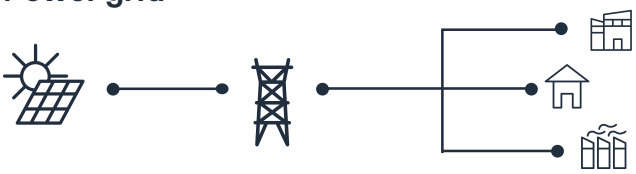
100
PERMANENT JOBS CREATED



How solar energy works

EDPR NA uses photovoltaic (PV) solar cells. Photovoltaic solar cells have no moving parts and convert sunlight directly into electricity via the photoelectric effect. This direct-current electricity is then collected, transformed into alternating current, and finally put on the electrical grid through a substation after being converted to the proper voltage.

Power grid



Solar is one of the cheapest forms of energy.[5]

The cost of solar has fallen 71% in 10 years.[6]

Local experience with EDPR NA

"In terms of what you can do with your land, I think clean power is a very attractive option. It's really neat to put something like food on the table for the American people, as well as power in the homes of people in these local communities."

Joe R. Jr., Business Owner, Ohio

Scan the QR Code to explore educational resources on renewables and how we are empowering local economies, as well as meeting today's rising energy demands.

Scan the QR Code using the camera on your mobile device.

[1] Power generation calculated using a 25% capacity factor. Household consumption based on the 2023 EIA Household Data monthly average consumption by state.
[2] Full-time equivalent jobs calculated by dividing number of contractor hours worked during construction by 2080.
[3] Assumes 0.58 gallons of water consumed per kWh of conventional electricity from Lee, Han, & Elgowainy, 2016.
[4] Based on EDP Renewables North America's Operational Solar Parks through 2024.
[5] Lazard's Levelized Cost of Energy 2024 (version 17.0)
[6] Based on American Clean Power Associations Annual Market Report, 2023.

About us

EDP Renewables North America LLC (EDPR NA), its affiliates, and its subsidiaries develop, construct, own, and operate wind farms and solar parks throughout North America. Headquartered in Houston, Texas, with 60 wind farms, 26 solar parks, and eight regional offices across North America, EDPR NA has developed more than 12,000 megawatts (MW) and operates more than 11,600 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.

For more information, visit **www.edprnorthamerica.com.**

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