

Facebook Data Center Solar Energy Generation



The solar panels create no air emissions or waste products, and do not use water to produce electricity.

Partnering for prosperity

The new Facebook Data Center was made possible through the collaborative efforts of many groups and government agencies – Village of Los Lunas, Governor Susana Martinez, NM EDD, PNM, the NM Partnership, NM AED and more.

PNM is committed to supporting economic development efforts to recruit and retain businesses and create jobs for New Mexicans. The Facebook Data Center will not only positively impact the local and state economy, but will do so while supporting our efforts to expand clean energy resources.

Powering New Mexico's future through renewable energy

Facebook broke ground in Los Lunas for its new data center in October 2016. As part of the agreement to bring the data center to New Mexico, the power used in the facility will be offset completely with renewable energy. The first installment of that renewable energy will be solar power provided by PNM that will be generated on three 10MW sites. The first solar plant will be built adjacent to the Facebook Data Center in Los Lunas. The three new 10MW sites will increase the PNM universal, utility-scale solar footprint to approximately 137MW. Additional solar and wind will be added in the future as use of the data center grows.

- PNM is investing approximately \$45 million into the 30MW project.
- The new solar centers will generate power through state of the art tracking technology that closely aligns solar panels with the movements of the sun for increased energy output.

Supporting economic development by going local

- PNM has awarded the \$37 million contract for construction of the 30MW solar generation project to Affordable Solar, a locally owned company in Albuquerque.
- Another locally owned company, Array Technologies, is providing the tracking equipment the panels will use to follow the sun throughout the day.
- Construction on the first of three 10MW sites will commence in Los Lunas in 2017, with the final site anticipated to begin operation by May, 2018. The first site is planned to be operational in January, 2018.
- Each site is anticipated to create between 50-100 construction jobs.

For information about PNM solar, wind and geothermal energy sources, visit PNM.com



Talk to us.



PNM Sky Blue® Solar

Through this voluntary program, our PNM Sky Blue customers purchase additional wind and solar energy over and above the energy PNM procures to meet state requirements. The customer decides how much they want to purchase to make our overall power supply greener.

Learn more at PNM.com/pnmskyblue.

PNM Customer-installed Solar Program

Since 2006, PNM has offered a program for customers who want to install qualified solar systems at their homes or businesses and connect them to the PNM grid.

For program details, visit PNM.com/solar.

Our Renewable Energy Sources

Wind: PNM and its customers purchase the energy from the 204-megawatt N.M. Wind Energy Center in House, New Mexico. In 2015, PNM added the energy from the 102-megawatt Red Mesa Wind Center west of Albuquerque.

Solar: PNM has invested almost \$270 million to build solar centers totalling 107 megawatts.

Geothermal: The state's first utility-scale geothermal plant now serves PNM customers. The plant is operated by Cynq Energy and located in the Animas Valley in southwest New Mexico.

DG: PNM has more than 8,000 customers who have installed grid-connected solar PV on their homes and businesses through our customer solar program.

Read more at PNM.com.

The PNM Prosperity Solar Energy Storage Project

Online September 2011, this 500-kilowatt grid-connected solar center plus energy storage system will help utilities across the nation learn how to store solar energy and safely integrate it into the grid.

Learn more at PNM.com/solarstorage.

PNM Solar Energy Centers

Santolina (Bernalillo County) Online 2015

- 10.5 megawatts, will produce the energy used by 4,250 average homes

Rio Communities (Valencia County) Online 2015

- 10 megawatts, will produce the energy used by 4,025 average homes

Santa Fe County Online 2015

- 9.5 megawatts, will produce the energy used by 3,850 average homes

South Valley (Bernalillo County) Online 2015

- 10 megawatts, will produce the energy used by 4,025 average homes

Meadow Lake (Valencia County) Online 2014

- 9 megawatts, will produce the energy used by 3,450 average homes

Cibola County Online 2014

- 8-megawatt facility, producing the energy used by 3,050 average homes

Sandoval County Online 2014

- 6.4 megawatts, will produce the energy used by 2,450 average homes

Otero County Online 2013

- 7.5 megawatts, can produce the energy used by 2,550 average homes

Los Lunas (Valencia County) Online June 2011/Expanded 2013

- 7 megawatts, can produce the energy used by 2,350 average homes

Manzano (Valencia County) Online fall 2013

- 8 megawatts, can produce the energy used by 2,675 average homes

Deming Online August 2011/Expanded 2013

- 9 megawatts, can produce the energy used by 3,000 average homes

Albuquerque Online April 2011

- 2 megawatts, can produce the energy used by 675 average homes

Alamogordo Online October 2011

- 5 megawatts, can produce the energy used by 1,700 average homes

Las Vegas Online November 2011

- 5 megawatts, can produce the energy used by 1,575 average homes



Talk to us.

