



## CHUCKWALLA SOLAR + STORAGE LIGHTS UP NEVADA

By the end of 2023, the Moapa River Indian Reservation will be home to a massive solar-plus-storage energy project. Made possible by a [22-year Power Purchase Agreement](#) between EDF Renewables and NV Energy, the project will include one of the 10 largest battery systems in the U.S. The hybrid project will deliver 200 MW of solar power alongside a 180 MW (720 MWh) four-hour battery storage system, generating enough electricity annually to power 45,000 Nevada homes.

### BY THE NUMBERS

- **200 MW** solar
- **720 MWh** storage
- **45,000** Nevada households powered annually

### COMMUNITY IMPACT

The [Moapa Band of Paiute Indians](#) and its neighboring communities are expected to gain significant local revenues from the Chuckwalla Solar+Storage project. The tribe launched [the first-ever solar project on tribal land](#) in 2017. With this latest project, the Moapa Tribe will benefit from land lease, tax, and other payments at a time when the local coal industry is in decline.

Energy storage is a highly flexible resource; coupled with the solar farm, the hybrid power plant will be able to shift the solar power generated during the sunniest portions of the day to peak evening hours. In addition to meeting heightened evening electricity demand, the storage system is also expected to moderate electricity prices, increase the area's grid stability, and make full use of all the renewable energy that can be generated at the site, rather than shutting off the solar generation when it's not immediately needed. Together, these translate into electric bill savings for Nevadans.

The advanced energy industry is on the rise in Nevada, adding serious economic value and revenue source diversification to the state. Short term, this project will provide up to 450 area construction jobs, with increased state and local tax revenues to follow. As such projects become increasingly common across the West and the Southeast, Nevada has the opportunity to emerge as a national leader in solar-plus-storage.

## SUPPORT MORE PROJECTS LIKE THESE

Making the investment tax credit (ITC) for solar refundable, creating an ITC for energy storage, and encouraging advanced energy development in areas impacted by coal plant closures can bring more projects like this to Nevada.