

Shafter Solar Energy Center

Fact Sheet

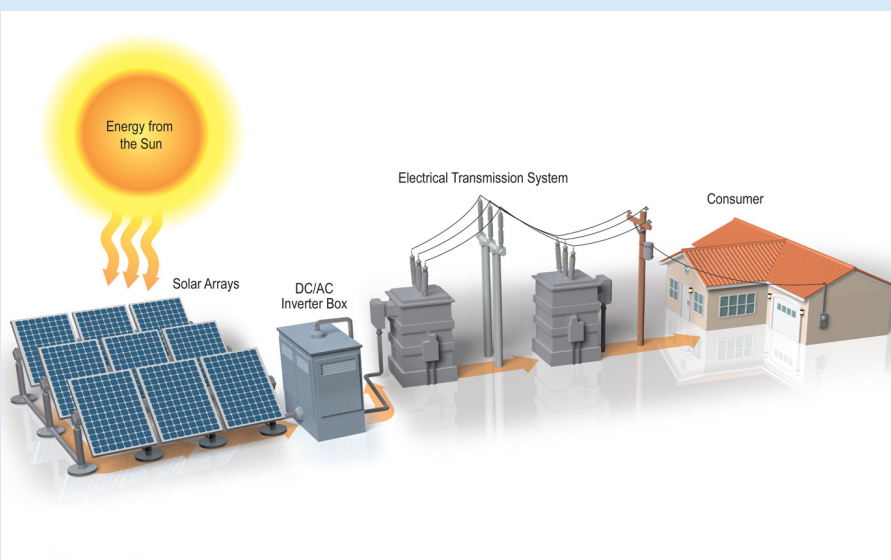


About NextEra Energy Resources

- » A leading clean energy provider operating wind, natural gas, solar and nuclear power plants
- » A portfolio of power generating facilities across the United States and in Canada
- » The world's largest generator of wind and solar energy
- » A subsidiary of NextEra Energy, Inc., with headquarters in Juno Beach, Florida
- » Nearly all of the electricity we generate comes from clean or renewable sources
- » Visit us at NextEraEnergyResources.com

How the Shafter Solar Energy Center works

As sunlight hits the solar panels, the photovoltaic energy is converted into direct current electricity (DC). The direct current flows from the panels through inverters and is converted into alternating current (AC). Finally, the electricity travels through transformers, and the voltage is boosted for delivery onto the transmission lines, so the local electric utility can distribute the electricity to homes and businesses.



Overview

- » Generating capacity of 20 megawatts of photovoltaic solar energy
- » Began commercial operation in May 2015
- » Located in Kern County, California
- » Operated by a subsidiary of NextEra Energy Resources, LLC
- » Owned by NextEra Energy Partners, in which NextEra Energy Resources holds a majority equity interest. For more information, please view [our portfolio list](#).
- » Avoids approximately 40,000 tons of carbon dioxide emissions that would have been produced if the electricity had been generated using fossil fuels

Benefits

- » Delivers safe, clean renewable energy
- » Provides employment opportunities
- » Creates no air or water pollution
- » Uses no water to generate electricity
- » Adds tax base to the county