



# Piqua-Staunton Solar Project

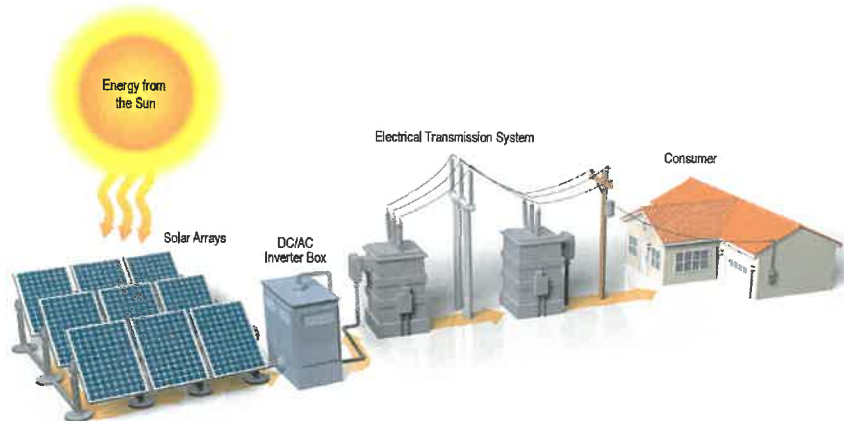


## Overview

- » The project is a 1.75-megawatt (MW) AC solar power-generating facility located in Piqua, Ohio.
- » It will avoid approximately 2,134 metric tons per year of carbon dioxide emissions that would have been produced if the electricity had been generated using fossil fuels.
- » This is equivalent to taking approximately 457 passenger vehicles off the road.
- » The project will be built, owned and operated by a subsidiary of NextEra Energy Resources, LLC.
- » The power will be sold to American Municipal Power, Inc. (AMP) under a multiple-year contract.
- » AMP will offer the clean, affordable energy to the City of Piqua and other participating member utilities.
- » The system will be interconnected with Piqua's electrical distribution system.

## How The Piqua-Staunton Solar Project Works

As sunlight hits the solar panels, the solar radiation is converted into direct current (DC) electricity. The direct current flows into power inverters, where it is converted into alternating current (AC) that can be used by the local electric grid. Finally, the electricity travels through transformers and the voltage is boosted for delivery onto the transmission grid for local distribution.



## Benefits

- » Safe, clean and reliable power
- » Local employment opportunities
  - Using at least 80 percent in-state labor
- » Economic stimulus
  - Increased purchases of local goods and services during construction and long-term operation



NextEraEnergyResources.com



amppartners.org

## Tapping sunshine for savings and sustainability

The Piqua-Staunton solar project will provide a long-term, renewable-energy source for the community.

The City of Piqua, along with other participating communities, will purchase the energy produced by the solar facility from American Municipal Power, Inc. (AMP), the nonprofit wholesale power supplier and services provider for 135 members in nine states. AMP entered into a multiple-year contract with a subsidiary of NextEra Energy Resources, LLC, which will design, build, operate and maintain the array. The City of Piqua will continue to own the land.

The array is being installed on approximately 7.79 acres of a 8.54-acre site on Staunton Street. NextEra Energy Resources is using a fixed-tilt ground-mounted array oriented to maximize energy production. This allows the system to generate approximately 1.75 MW of clean energy, enough to power about 320 homes. The City plans to use the energy output to increase the amount of electricity it uses from renewable sources.

The agreement with the NextEra Energy Resources subsidiary locks in costs for the term of the contract. Additionally, NextEra Energy Resources is able to take advantage of tax credits and pass that savings along to AMP to lower the cost of installing and maintaining the array.

The system is expected to reach commercial operation in August 2018.



AMP is committed to sustainability and generation resource diversification, promoting the use of renewables and responsible technologies. Together with NextEra Energy Resources, AMP has a number of solar projects in development to help carry out this important initiative.



[piquaoh.org](http://piquaoh.org)

- » Miami County
- » Population: 20,906
- » Area: 11.89 sq miles

### About NextEra Energy Resources

- » NextEra Energy Resources, LLC, is a leading clean energy provider operating wind, solar, nuclear, and natural gas power plants.
- » We are the world's largest generator of energy from the wind and sun.
- » Our company has more than 20,950 megawatts of generating capacity in the United States and Canada.
- » We also develop, construct and own solar systems as small as 1 MW for commercial and industrial customers, and municipalities and cooperatives that provide energy to homes and businesses.
- » Approximately 95 percent of our electricity comes from clean or renewable sources.
- » NextEra Energy Resources is a subsidiary of NextEra Energy, Inc., with headquarters in Juno Beach, Florida.
- » NextEra Energy, Inc. ranked No. 1 among electric and gas utilities on FORTUNE's list of "Most Admired Companies" for 11 of the past 12 years.

Visit us at [NextEraEnergyResources.com](http://NextEraEnergyResources.com)  
Media Line: 561-694-4442

### About AMP

- » American Municipal Power, Inc. (AMP) is the nonprofit wholesale power supplier and services provider for 135 members, including 134 member municipal electric systems in Ohio, Pennsylvania, Michigan, Virginia, Kentucky, West Virginia, Indiana and Maryland; as well as the Delaware Municipal Electric Corporation, a joint action agency with nine members headquartered in Smyrna, Delaware. Combined, these public utilities serve more than 645,000 customers.
- » AMP members receive their power supply from a diversified resource mix that includes wholesale power purchases through AMP and the open market and energy produced at AMP and member-owned generating facilities utilizing fossil fuel, hydroelectric, wind and other renewable resources.
- » The organization is focused on sustainability and increased use of renewable generation resources.

Visit us at [amppartners.org](http://amppartners.org)  
Media Line: Holly Karg, 614-540-6407