

CPV Woodbridge Energy Center

Responsible Energy Starts With Us



Location

Woodbridge Township, New Jersey



System Information

- 2x1 combined-cycle power plant
- Featuring two GE fast-start 7F 5-series gas turbines and a D-11A steam turbine with associated generators



Total Installed Capacity

725 MW



Supply Capacity

700,000 homes



Investment

\$843 million



Local and Regional Employment

- 22 full-time plant staff and approximately 75 ancillary jobs
- 600+ union labor workers over a 28-month construction period



In Operation Since

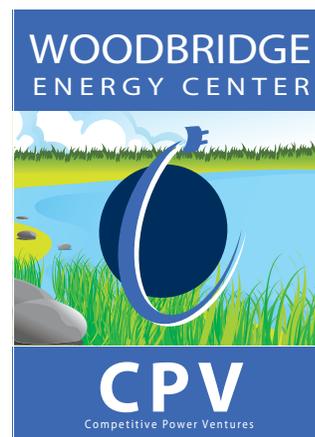
January 2016



Project Overview

The CPV Woodbridge Energy Center (CPV Woodbridge) generates enough reliable electricity on average to power more than 700,000 New Jersey homes and offset carbon dioxide emissions equivalent of taking more than 1.4 million cars off the road each year. Through our use of General Electric's (GE) advanced power generation technology,

CPV Woodbridge provides safe, reliable, cost-effective and environmentally responsible power for NJ. CPV Woodbridge pairs well with less reliable power sources like wind and solar because it provides a backstop to maintain grid reliability when the wind or sun cuts out.



CPV's Commitment to the Community

Making lives better is what drives CPV to modernize the country's power system. Underlying our goal is the positive impact we're having on the communities where we build and operate power generation facilities. Our commitment to being a good corporate citizen in our communities means integrating Environmental, Social and Governance (ESG) matters into the business. Our focus on ESG and track record of success have enabled us to grow into one of North America's premier energy companies.



Environmental Benefits

BROWNFIELD REDEVELOPMENT

Converted blighted waterfront into productive industrial park and public water access



CPV Woodbridge is built on a remediated Brownfield located in a New Jersey Brownfield Development Area (BDA), CPV Woodbridge facilitated the cleanup and conversion of a long-contaminated, former military armament site and included the development of the Woodbridge Riverside park, offering first-time public access to the Raritan River from Woodbridge Township..

CLEANER AIR

Avoided an estimated 6 million tons of CO₂, the equivalent of taking more than 1.4 million passenger vehicles off the road for one year



Combined-cycle generation facilities like CPV Woodbridge are approximately 30 percent more efficient than conventional electric generation technologies, meaning they need less fuel to produce the same amount of electricity. The result is lower costs and fewer emissions, a win-win.

WATER USE

Revenue for Ratepayers from Water Conservation



Rather than consuming precious potable water, CPV Woodbridge re-uses grey water from the nearby Middlesex County Utilities Authority (MCUA) water treatment facility that would otherwise go into the Raritan River. For this purpose, CPV built MCUA a special pumphouse and now pays MCUA approximately \$900k annually to deliver what was once a waste product.

LEARN MORE:

About the Project | www.cpvwoodbridge.com

About CPV | www.cpv.com

CONTACT US:

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Social Benefits

SCHOOL SUPPORT

Our local school support ties to Science, Technology, Engineering and Math (STEM), including the development and funding of new STEM labs, classroom visits, career coaching from CPV staff and guided tours of CPV Woodbridge.



- Project Lead The Way (PLTW) \$20,000 grant for two units, including one Energy and the Environment unit
- Colonia Middle School \$5,000/year for 10 years

FOOD PANTRIES

COVID-19 has been impacting CPV's host communities in various ways, and one of the major consequences of the pandemic has been an increase in food insecurity. Job losses and furloughs have led to a 30% increase or more in demand for food at pantries in our host communities.

- \$5,000 to We Feed Woodbridge
- \$5,000 to St. James Food Pantry

EMERGENCY RESPONDERS

CPV Woodbridge supports emergency responders in Woodbridge Township and the surrounding area by working closely with the police and fire departments and providing them with much-needed resources to better support local public safety.



Competitive
Power Ventures