The CPV Towantic Energy Center is a 785 MW dual-fuel combined-cycle electric generating facility currently under construction in the Woodruff Hill Industrial Park in Oxford, Connecticut. The facility will generate enough electricity to power nearly 800,000 homes, helping Connecticut to safely meet its demand for energy with reliable, cost-effective and environmentally-responsible low emissions generation.

Key Benefits of the CPV Towantic Energy Center

- **Type of Facility:** 785 MW dual-fuel powered, 2 x 1 combined-cycle, electric generation station
- **Location:** Woodruff Industrial Park - Oxford, CT
- **Electrical Interconnection:** Connecticut Light & Power – 115 kV circuit
- **Water:** CT Water Services Company
- **Fuel:** Natural Gas from Algonquin Pipeline with fuel oil backup
- **Facility Online:** Spring 2018

**Ratepayer and Reliability Protection**

- **TECHNOLOGY** – CPV Towantic will use industry leading and efficient technology to produce electricity, helping meet the growing demand for energy and improving grid reliability.

- **TRANSMISSION UPGRADES** – Development of CPV Towantic facilitated over $100 million in transmission line upgrades to strengthen the grid in central Connecticut, ensuring lower costs for rate payers and providing reliable electricity.
Environmental Benefits
Displacing the need for older, less efficient generators, CPV Towantic will lower overall emissions and improve the state’s environmental profile. Combining the most advanced generation technology available with clean natural gas and state-of-the-art emissions controls, CPV Towantic will be the cleanest, most efficient conventional generator in Connecticut once complete.

1. **Combined-Cycle Technology** – CPV Towantic will generate electricity with two natural gas combustion turbines and capture excess heat to power a steam turbine. This generation process is approximately 30-40 percent more efficient than older electric generating technologies. By maximizing efficiency, CPV Towantic will conserve resources and produce less emissions.

2. **Air Cooled** – CPV Towantic’s air-cooled design will use approximately 85 percent less water than traditional electric generating facilities use to operate, helping conserve vital resources.

3. **Natural Gas Fuel** – CPV Towantic will use natural gas as its baseload fuel, which means lower emissions rates and therefore improved overall air quality.

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Economic Development
CPV Towantic generates new jobs for the area and state, and significantly stimulates the region’s economy.

1. **Job creation and Local Activity** – CPV Towantic has created approximately 750 direct, locally sourced, union workers during its 2.5 years of construction. Once operational, CPV Towantic will employ approximately 25 full-time positions, earning upwards of $4 million in wages and benefits.

2. **New Revenue** – CPV Towantic has put in place a long-term financial agreement worth more than $117.6 million over 22 years that will help support the town of Oxford and regional economic development. The funds can be used to reduce taxes, support local schools, improve infrastructure, and contribute to other programs.

3. **Regional Benefits** – CPV Towantic will be completing construction of East Commerce Drive and several “shovel-ready” industrial lots which will be donated to Oxford, CT for development, further enhancing the tax base.

4. **Community Support** – CPV Towantic will pay the Town of Oxford a Community Support Payment of $50,000 a year for 20 years in addition to expanding the local tax base for the town and region.