

FACT SHEET

Key Benefits of the CPV Fairview Energy Center



The CPV Fairview Energy Center (CPV Fairview) generates 1,050 megawatts (MW) of new, reliable electricity to power over 1 million Pennsylvania homes. CPV Fairview employs the most advanced power generation technology in the world.

CPV Fairview uses regionally sourced natural gas to generate electricity. By partnering with General Electric (GE) and deploying their technologies that are two-to-three times as efficient as those from a few decades ago, CPV is helping generate significantly more power using a fraction of the fuel and significantly reducing emissions.

Our natural gas electric generation facility provides increased electric reliability for PA and pairs well with less reliable power sources like wind and solar. This provides a backstop to maintain grid reliability when the wind or sun cuts out.



Project Quick Facts

- ◆ **Type of Facility:**
1,050 MW natural gas-powered, 2x1 combined-cycle, electric generating energy center
- ◆ **Electrical Interconnection:**
Adjacent 500 kV circuit connecting to PJM
- ◆ **Secondary Fuel – Ethane:**
Mariner East Pipelines located on-site
- ◆ **Location:**
Yurasek/Salvage Heaven Property, an 86-acre former brownfield site located North of Vinco along William Penn Highway
- ◆ **Water:**
Cambria Somerset Authority
- ◆ **Facility Online:**
Q4 2019
- ◆ **Fuel – Natural Gas:**
Enbridge/TETCO 30" and 36" gas transmission lines, one mile north of the site



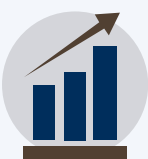
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Environmental Benefits

CPV Fairview is one of the cleanest electric generators in Pennsylvania with its state-of-the-art technology, assisting Pennsylvania in its continuing air quality improvement efforts.

- 1. Water Use** — For this project, CPV is purchasing industrial water from the Cambria Somerset Authority (CSA) for cooling purposes. Once the water cycles through the project, it is then treated and returned to CSA so that it can be used again for industrial processes.
- 2. Combined-Cycle Technology** — Combined-cycle plants are approximately 30 percent more efficient than conventional electric generation technologies and ramp up and down quickly to support renewables and a flexible electric grid. Combined-cycle plants such as CPV Fairview also cut down on emissions and require only a fraction of land area compared to more traditional power facilities.
- 3. Natural Gas** — CPV Fairview is fueled by natural gas and ethane. These fuel sources mean lower emission rates and therefore improved overall air quality.
- 4. Brownfield Redevelopment** — CPV Fairview is built on a remediated brown field site formerly used as a petroleum storage facility and salvage yard. CPV worked closely with the Pennsylvania Department of Environmental Protection and Jackson Township to clean up the site, obtaining final approvals in the summer of 2017.



Economic Development

CPV Fairview generated hundreds of regional jobs during construction, and now in operation, provides a significant boost to the region's economy.

- 1. Job Creation** — Working with contractors Kiewit, Charles J. Merlo & Laurel Management and Cenergy along with the local union shops, CPV employed more than 600 local and regional workers during the 28-month construction period.

Now in operation, CPV Fairview employs 25 full-time staff who earn \$3–4 million dollars in total annual salaries and benefits. Another 75 jobs are created through third-party services to the facility. The combination, along with new local tax revenues, provides a significant economic boost to the region.
- 2. Long-Term Economic Activity** — The hundreds of millions of dollars of private infrastructure investment in this project will deliver substantial benefits to Jackson Township and the surrounding region for decades to come through significantly increased local revenues and economic activity.



Learn More About The Project:
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