

# CPV ST. CHARLES ENERGY CENTER

CPV St. Charles Energy Center is a 745-megawatt (MW) combined-cycle electric generating facility in Waldorf, Maryland.



## Economic Benefits

- One of the **largest taxpayers in Charles County**, contributing approximately **\$56 million over the life of the project**
- Created **650 skilled labor jobs** during construction, **24 full-time plant staff**, and **75 ancillary jobs**
- Directly supports **STEM education** in local schools through **Project Lead the Way (PLTW) grants**
- Collaborates with **local police and fire departments** to provide resources that enhance public safety



## Increased Local Production

- Generates enough electricity to power **700,000 homes**
- Provides Maryland with **safe, reliable, cost-effective**, and **environmentally responsible** power



## Responsible Operations

- Reduces discharge into the **Potomac River** by up to 20,000 lbs/yr and total phosphorus discharge by up to 1,100 lbs/yr, **reducing environmental loading**
- Repurposes grey water from Mattawoman Creek processing facility, addressing one of the region's top environmental priorities: **the cleanup of the Chesapeake Bay**
- Uses highly efficient technology to **minimize emissions** and **improve air quality** compared to older facilities



Location	Maryland – Waldorf
Total Installed Capacity	745 MW
Commercial Operations	February 2017
Investment	\$775 Million

Competitive Power Ventures (CPV) has 25 years of unprecedented success in the development and operation of highly efficient and low emitting electric generation and renewable projects in the United States. CPV is focused on applying its development, financial and project management expertise to advance the next generation of technologies. After bringing on 6.8 GW of natural gas, wind, and solar generation since 2010 and with a current pipeline of over 10 GW of renewable and dispatchable generation projects, including utility-scale carbon capture, CPV is well positioned to help drive the nation's decarbonization goals forward.



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