

Constellation: An Economic Engine for Maryland's Clean Energy Future

Headquartered in Baltimore, Maryland, Constellation Energy Corp. produces approximately 90% of Maryland's carbon-free energy. The largest producer of clean energy in the nation, Constellation is a leading competitive retail supplier of power and energy products and services for homes and businesses across the United States.

Our generation fleet produces enough clean, carbon-free energy to power the equivalent of 16 million homes and is helping to accelerate the nation's transition to clean energy with more than 32,400 megawatts of capacity and annual output that is nearly 90% carbon free.

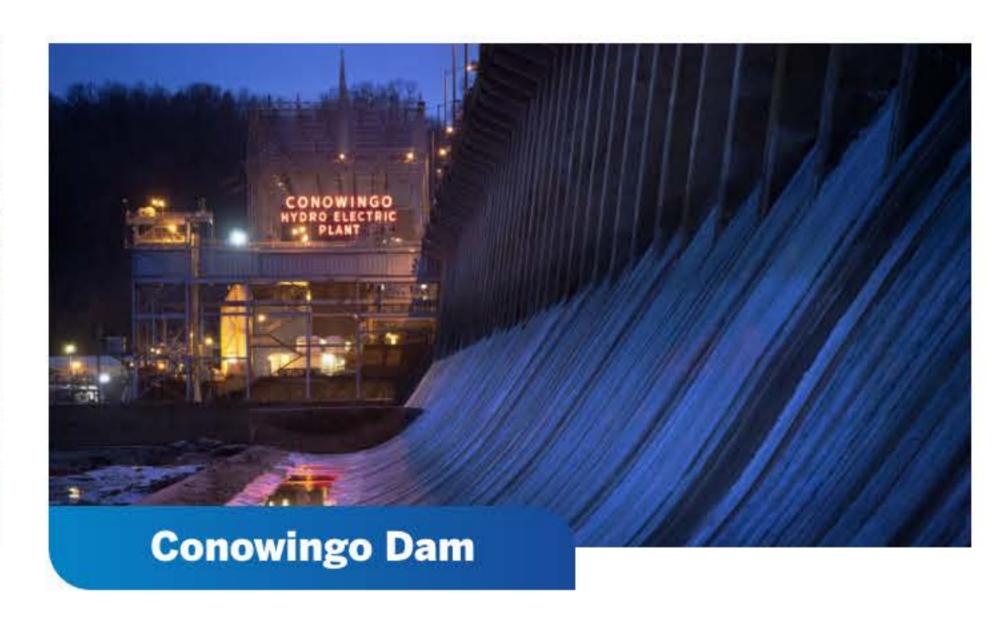
Constellation in Maryland



Constellation is the largest publicly-traded company headquartered in Baltimore.



Calvert Cliffs is Maryland's largest source of carbon free energy, with the capacity to produce enough clean energy to power more than 1 million homes — approximately 40% of all energy produced in the state.



Conowingo Dam is Maryland's largest source of renewable energy.

By the Numbers

Producer of clean, emissions-free energy in MD – generating ~90% of state's clean energy















Refueling Outages

Operators shut down Constellation's nuclear reactors about every two years to refuel and perform thousands of preventive maintenance actions on equipment, positioning the units to continue delivering safe, reliable, carbon-free electricity to the region for another two years.

During nuclear refueling outages, more than 1,000 union skilled trades people, including electricians, pipe fitters, welders, carpenters, and laborers, travel to plant communities to assist with this work. Workers stay in local hotels, eat at nearby restaurants, frequent local businesses — providing a welcome economic boost to the local community.

Constellation's Carbon-Free Maryland Assets and Headquarters



Constellation Youth Energy Summit

In 2024, Constellation invited 66 high school students to our Youth Energy Summit hosted at the University of Maryland, Baltimore County to encourage them to join the clean energy workforce. Students from Illinois, Maryland, New York, Pennsylvania and Texas, along with returning participants from the prior year joined us for an immersive weeklong experience, where they resided on a college campus, met mentors and leading experts, and learned about energy and the environment through visits to clean energy facilities and STEM projects.

