

Constellation: Providing Illinois with Reliable Energy, Jobs, and Clean Air

Constellation is the largest producer of safe, reliable, carbon-free energy in Illinois — responsible for approximately 75% of the state’s clean energy generation in 2023. Our six nuclear-powered clean energy centers in Illinois produce enough carbon-free electricity to power the equivalent of 8.5 million homes, and the carbon emissions avoided by our clean energy is equivalent to taking nearly 16 million cars off Illinois roads for one year. Constellation is an economic engine for Illinois with 5,100 employees across the state and nearly \$70 million in spending with small and diverse businesses statewide in 2023.

Constellation in Illinois



Braidwood

The Braidwood Clean Energy Center produces enough clean energy to serve the equivalent of **1.8 million** homes.



Byron

The Byron Clean Energy Center produces enough clean energy to serve the equivalent of **1.7 million** homes.



Clinton

The Clinton Clean Energy Center produces enough clean energy to serve the equivalent of **800,000** homes.



Dresden

The Dresden Clean Energy Center produces enough clean energy to serve the equivalent of **1.4 million** homes.



LaSalle

The LaSalle Clean Energy Center produces enough clean energy to serve the equivalent of **1.7 million** homes.



Quad Cities

The Quad Cities Clean Energy Center produces enough clean energy to serve the equivalent of **1 million** homes.

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, pipefitters, 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.

By the Numbers

#1 producer of clean, carbon-free energy, generating ~75% of Illinois' clean energy

\$69.8
MILLION



in spending with small and
diverse businesses in Illinois in
2023



\$191 MILLION


in state and local taxes in 2023

5,100

employees in Illinois



Equivalent of more than 15.8 million
cars take off the road for one year in
avoided carbon emissions in Illinois





Our employees volunteered more
than 19,000 hours with Illinois
nonprofits in 2023



Together with our employees,
Constellation donated more
than \$2.8 million to Illinois
charitable organizations in 2023

Investing in Our Clean Energy Centers

- Constellation is seeking to extend the operating licenses of its Clinton and Dresden clean energy centers in Illinois by an additional 20 years. The extension means the two plants will contribute billions of additional dollars to Illinois' economy and continue providing enough carbon-free energy to power the equivalent of more than 2 million homes, helping the state meet its goal to get 100% of its energy from clean sources by 2050. If approved by the NRC, Clinton could operate until 2047 and Dresden could operate until 2049 (Unit 2) and 2051 (Unit 3). The extension will create more than 60 million labor hours over 20 years.
- Constellation announced an \$800 million investment in new equipment to increase the output of its Braidwood and Byron generating stations in Illinois by approximately 135 megawatts, enough to power the equivalent of 100,000 average homes around the clock every year. Constellation expects to see increased output at the stations as early as 2026, with the full uprated output available by 2029.

Constellation's Carbon-Free Illinois Assets

