



Constellation Energy®



CONSTELLATION ENERGY NUCLEAR GROUP

Constellation Energy Nuclear Group is one of the nation's premier nuclear power plant owners and operators. A subsidiary of Constellation Energy, Constellation Energy Nuclear Group is working to provide the framework for the country's next generation of nuclear power plants, demonstrating through its performance today the safety, reliability and cost-effectiveness of nuclear power for the future.

Our three nuclear generating stations' five reactors produced a record 32 million megawatt-hours of emissions-free electricity in 2008, representing 61 percent of the total generated by all Constellation Energy power plants.

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Calvert Cliffs Nuclear Power Plant is located on the western shore of the Chesapeake Bay in Lusby, Maryland. Calvert Cliffs Unit 1 began generating electricity in 1975, and Unit 2 joined the system in 1977. Both units are pressurized water reactors and together produce 1,750 megawatts of electricity. Unit 1 is licensed to operate until 2034, and Unit 2 until 2036.

Nine Mile Point Nuclear Station, located north of Syracuse in Scriba, New York, has two boiling water reactors and a total generating capacity of 1,758 megawatts. Constellation Energy is investing an average of \$40 million annually to replace and upgrade systems and equipment at the plant, which it purchased in 2001. Unit 1, a 620-megawatt reactor, entered service in 1970; Unit 2, with 1,138 megawatts, began operation in 1988. Constellation Energy owns 100 percent of Unit 1 and 82 percent of Unit 2. Unit 1 is licensed to operate until 2029; Unit 2, 2046.

R.E. Ginna Nuclear Power Plant is located along the south shores of Lake Ontario in Ontario, New York, about 53 miles southwest of Nine Mile Point. Ginna entered commercial service in 1970 and produces 581 megawatts of electricity. Constellation Energy bought Ginna, a one-unit pressurized water reactor, in 2004. Ginna is licensed to operate until 2029.

New Nuclear Plants

In 2007, Constellation Energy Nuclear Group's strong safety and performance record positioned it to launch Unistar Nuclear Energy, a strategic joint venture with Electricité de France (EDF), to build, own and operate a fully standardized fleet of new nuclear plants in the United States. EDF, Europe's leading electricity producer, has the world's largest nuclear production capacity, with 58 nuclear power plants on 19 sites. UniStar, which provides the licensing, construction and operating services needed to support the expansion of nuclear power, is developing plans for new reactors in Maryland, New York, Missouri and Pennsylvania.

In December 2008, Constellation Energy and EDF announced a separate, proposed joint venture through which EDF would acquire approximately half of Constellation Energy Nuclear Group. Steps to secure regulatory approvals of this acquisition are under way.

FACTS AND STATS

- Nuclear power provides 20 percent of the nation's electricity and is the nation's largest source of emissions-free electricity
- Constellation Energy operates five nuclear reactors at three power stations in Maryland and New York.
- Our combined nuclear fleet of plants can produce 3,869 MW of emission-free electricity, enough to serve approximately 2.6 million households.
- Our three plants combined employ nearly 2,500 workers
- More than 60 percent of the approximately 9,000 megawatts of electricity produced by Constellation Energy is generated by nuclear power.
- Calvert Cliffs Nuclear Power Plant was the first nuclear plant in the U.S. to earn a 20-year extension of its operating license from the U.S. Nuclear Regulatory Commission.
- All three Constellation Energy nuclear plants have achieved the highest safety designation given by the federal government's Occupational Safety and Health Administration (OSHA).
- Constellation Energy and EDF, the world's largest nuclear plant operator, formed a joint venture in 2007 called UniStar Nuclear Energy. UniStar is focused on development and deployment of new nuclear power plants in the U.S.

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