

## Hatfield's Ferry Power Station



*Hatfield's Ferry Power Station is located near Masontown, Pennsylvania, along the Monongahela River.*

### Facts At A Glance

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- Three 570 megawatt (MW) coal-fired units produce 1,710 MW of electricity.
- Unit 1 went online in 1969. Unit 2 went online in 1970. Unit 3 went online in 1971.
- At full capacity, the plant's generating units can produce more than 41 million kilowatt-hours of electricity daily.
- The plant uses nearly four million tons of coal annually.
- Hatfield's Ferry Power Station employs approximately 190 people.
- The plant pays nearly \$500,000 annually in property taxes.

### Environmental Measures

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The plant has invested nearly \$1 billion on its environmental-control systems.

All three units are equipped with massive scrubber modules located between the boilers and the 542-foot chimney that remove about 98 percent of the sulfur-dioxide emissions. The scrubbers have been a part of the plant since 2009.

All three units are also equipped with Electrostatic Precipitators. This system removes 99.3 percent of fly ash from flue gases.

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## Environmental Measures *(continued)*

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Two hyperbolic cooling towers reduce the temperature of more than 375,000 gallons of water per minute. A plume of water vapor leaves the top of the tower while cooled water collects at the base where it is mixed with water pumped from the Monongahela River to make up for evaporation.