

Exelon Power

Exelon Power is the business unit within Exelon Generation Company, LLC that is responsible for managing, operating, and maintaining the company's fossil, hydroelectric and solar-powered fleet of generating assets.

The fleet currently consists of 105 fossil, hydroelectric and solar-powered units capable of generating more than 8,200 megawatts (MW) of electricity in Pennsylvania, Maryland, Illinois, Texas and Massachusetts.

Exelon Power's diverse generating portfolio enables the company to be competitive in the deregulated power market during the intermediate seasons and peak demand periods.

Exelon Power builds upon existing relationships by continuing to promote strong community relations, stressing environmental and safety performance, while being a solid corporate citizen in the states and communities in which it operates.

Exelon Power is committed to environmentally responsible operations. Efforts to date have included:

- Converting Fairless Hills Generating Station to use landfill-based methane gas as the primary fuel source
- Establishing a LEED silver-certified Renewable Energy Education Center at the Fairless Hills Generating Station, which meets the Pennsylvania Board of Education Environment and Ecology Standards and is the first of its kind in the region. The center hosts field trips educating school students and other community groups in the science of utilizing renewable resources
- Installing selective catalytic reduction systems (SCR) at Handley Units 3, 4, and 5, and at Mountain Creek Unit 8 to reduce nitrogen-based compound emissions (NOx)
- Installing low-flow aerating runners at Conowingo Units 2 and 5 to decrease dissolved oxygen in the Susquehanna River
- Constructing fish passageways at Black Rock and Norristown Dams along the Schuylkill River in southeastern Pennsylvania to improve shad migration
- Converting the Conowingo Visitor Center to a LEED-certified center, to educate the public on hydropower and the lower Susquehanna watershed
- Earning ISO 14001 environmental management system recertification at the Handley, Mountain Creek, Conowingo, Muddy Run, and Cromby stations
- Operating two fish lifts at the Conowingo Dam to enable the American shad population to reach their upstream breeding areas
- Maintaining 6,000 acres of land along the lower Susquehanna River, including Muddy Run Park, Fisherman's Park, and Shures Landing Wildflower Area, to offer outdoor recreation for public use
- Protecting the Bald Eagle Sanctuary on Conowingo Pond, in cooperation with the Pennsylvania Game Commission, to promote bird conservation
- Phasing out the less efficient coal units, based on economics and financial discipline, to further reduce Exelon's carbon footprint. Exelon estimates that closing the Cromby and Eddystone coal units will reduce Exelon's annual carbon emissions by 5.1 million metric tons with a net benefit of approximately 1.5 million metric tons after considering replacement power
- Building the country's largest urban solar farm, a 10-megawatt facility in Chicago, Illinois

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