



Dickerson Generating Plant

Our Business

Where We Work

California

Georgia

Maryland

Chalk Point

Dickerson

Morgantown

Piney Point

Massachusetts

New York

Virginia

Our Leadership

Corporate Governance

Our History

With all due respect to Mother Nature, canoers and kayakers are gushing over the world-class rapids generated by Mirant's Dickerson power plant.

The 900-by-30-foot canal is fed by water released from the plant after it cools steam condensers. In 1991, concrete boulders were added, transforming the area into a whitewater nirvana that rapidly became a year-round training destination for Olympic canoeing and kayaking hopefuls. The venue was selected for the 2002 U.S. National Championships of Whitewater Canoeing and Kayaking.

For those preferring to stay on dry land, Dickerson helps ensure a steady supply of electricity in the economically and politically powerful Washington, D.C. area. The plant's county neighbors include such renowned institutions as the National Oceanic and Atmospheric Administration (NOAA), the National Institutes of Health, and the National Naval Medical Center.

Environmental Technologies

Nitrogen Oxide (NOx) Controls

- Water injection for nitrogen dioxide (NO₂) control on combustion turbines

Sulfur Dioxide (SO₂) Controls

- Flue gas desulfurization (scrubbers) to reduce SO₂ being installed; to be operable by 2010

Mercury Controls

- Mercury reduced through the use of scrubbers

Other Controls

- Waste water treatment system
- All plant drains, storm drains, coal pile run-off water and cooling towers sediments are collected and treated
- Baghouse designed to remove 99.8 percent of flyash
- Electrostatic precipitators designed to remove 99.5 percent of flyash
- Stacked monitoring equipment for opacity (smoke), carbon monoxide (CO), carbon dioxide (CO₂)

Community Outreach

Habitat for Humanity

Dickerson employees helped build a townhome in Burtonsville, Md., for Habitat for Humanity of Montgomery County. Mirant also gave \$10,000 to the organization.

Watershed Clean Up

Dickerson employees support the Potomac Watershed Clean Up, held annually on the first Saturday in April. Dickerson is one of more than 100 cleanup sites along the Potomac Watershed, and plant staff worked side by side with community members to remove an average of 30 large trash bags of litter, including items such as old tires and refrigerators.

Other Outreach Activities

- Alliance for the Chesapeake Bay
- Clean Air Partners



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Power Points

- Location: Washington, D.C. area in Montgomery County, Maryland, on the Potomac
- Capacity: 849 megawatts; capable of operating base load, intermediate, and peak levels
- Equivalent number of homes served: 849,000
- Fuel: Coal, gas, oil
- Customers: output is sold into the PJM energy market
- Began service: 1959; acquired in 2000
- Number of employees: 146
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Awards/Recognition

Dickerson and other Mirant Mid-Atlantic sites are Wildlife Habitat Council (WHC) certified and have received national recognition for their contributions to wildlife habitat conservation. Efforts include providing artificial nesting structures and planting native trees, shrubs, and aquatic plants.

- Living Classrooms of National Capitol Region
- Oyster Recovery Project
- Put-Cancer-On-Ice/ American Cancer Society
- USHYEE / Mirant Academic Grant Program

Charitable Donations

- Interstate Commission on the Potomac River Basin-Potomac River Sojourn
- Piedmont Environmental Education Foundation
- John Poole Middle School
- Montgomery County Chamber Valor Awards
- Poolesville High School
- Upper Montgomery County Fire Department
- Western Upper Montgomery County Help
- LINKages for Learning
- 4-H Clubs of Montgomery County

The Benefits of Competition in Maryland

[Maryland Public Service Commission»](#)