Mirant's Potomac River Generating Plant is critical to meeting the high demand for electricity in and around our nation's capital. Our location — adjacent to a major population center — allows Mirant to produce reliable and affordable electricity in a safe manner.

Electricity Production

Potomac River is capable of producing 482 megawatts — enough electricity to power nearly 482,000 homes. In addition, Potomac River Generating Plant has the ability to respond to changing demand for electricity, quickly raising or lowering its electricity output as needed.

Environmental Stewardship

We promote balanced and reasonable environmental solutions, and at all times comply with the law. Potomac River operates in accordance with Mirant’s Environmental Management System (EMS) and is ISO 14001:2004 certified, indicating that we meet a widely accepted international standard for environmentally responsible operation.

The Potomac River facility is a great example of how an older plant can be upgraded to meet environmental standards of the modern era. We've invested in new equipment and technology to:

- Reduce sulfur dioxide (SO₂) emissions more than 70 percent;
- Decrease oxides of nitrogen (NOx) emissions up to 55 percent; and
- Capture more than 98 percent of particulate matter, including fly ash.

Our environmental focus goes beyond our generating units. Potomac River employees spend time nurturing wildlife on our own property — tending a wildflower garden created for insects and pollinators. Potomac River employees also collect hundreds of pounds of trash from the Potomac River in annual watershed cleanups. These efforts have led to certification from the Wildlife Habitat Council.