



First Brunner Island scrubber gets to work helping the environment



Cloudlike emissions from new chimney stack signal the environmental system is doing its job.

The white cloudlike emissions coming from the new chimney stack at the Brunner Island power plant mean that the plant's first scrubber is operating, enabling Unit 3 to generate power with almost no sulfur dioxide emissions and significantly lower mercury emissions.

The unit's scrubber is now operating as designed, thanks to plant employees who safely made the final connections between the plant and the scrubber during a recent maintenance outage.

"The Unit 3 scrubber is doing its part for the environment and helping ensure the long-term viability of a power plant that every year produces enough safe, dependable energy to power more than 1 million homes," said Steve Marbaise, plant manager. "The second scrubber will be placed in service later this year, all part of PPL's \$800 million

investment in environmental upgrades here at Brunner Island."

The white plume coming from the stack contains mostly water vapor, the result of the moisture created by the wet scrubber process. The byproduct of the scrubbing process, synthetic gypsum, will be sold for use in manufacturing wallboard.

"The new scrubber started up with few issues because we incorporated a number of improvements identified from the installation of scrubbers at PPL's Montour power plant in north central Pennsylvania last spring," Marbaise said.

In its first partial year of operation, the Montour scrubber system decreased sulfur dioxide emissions by more than 85,000 tons. The scrubbers and other environmental improvements at

Montour and Brunner Island represent a combined \$1.6 billion voluntary investment by PPL in environmental upgrades for its coal-fired power plants in Pennsylvania.

PPL also is making significant investments to increase generation from sources that do not use fossil fuels.

The company is increasing generation at its Susquehanna nuclear power plant near Berwick in stages through 2011. PPL has recommissioned a retired hydroelectric generating unit in Maine, and has announced plans to expand the generating capacity of the Holtwood hydroelectric plant in Lancaster County as well as a hydroelectric plant in Montana.

PPL also has developed renewable energy projects that generate electricity with landfill gas and solar power.



Brunner Island hosts police training exercise

When local law enforcement agencies practice their emergency plans, employees at PPL’s Brunner Island power plant are ready to help.

Members of the York County Quick Response Team recently conducted a training exercise on the grounds of plant property outside the fence to sharpen their skills in case of a real emergency.

“We’re always ready to fulfill our agreement to help local police and fire departments,” said Rob Foltz, safety, health and environmental compliance manager at Brunner Island.

“We make every effort to be a good neighbor in the community. An important part of that effort is support for local firefighters and other organizations that provide emergency services,” he said.

The Brunner Island power plant has a long-standing commitment to local police and fire departments, providing opportunities for training and funding for equipment and programs that promote safety.

Formed in 2002, the York County Quick Response Team provides assistance to local law enforcement agencies in the management and resolution of special threats and high-risk incidents.

The team comprises 24 law enforcement officers from various agencies including York Area Regional Police, county sheriff, and Springettsbury, Spring Garden, West Manchester, Newberry and Fairview townships. These departments are united under mutual aid agreements to maximize available resources for response to incidents in a rapid and effective manner.

Wago Road project an issue of safety and security

Based on concerns for plant security and safety, PPL is seeking approval from the state Department of Transportation for a plan to privatize the portion of Wago Road that passes in front of the Brunner Island power plant.

If PennDOT approves the proposal, PPL plans to put up gates, closing the road to regular traffic. The gates would be raised to allow emergency vehicles to pass through as needed. Regular traffic would have to pass through York Haven to reach the East Manchester Township recreation fields and the PPL boat launch from the south.

“With the expansion of the plant caused by our scrubbers, we now have operations on both sides of the road — in effect the road runs right through the middle of the power plant,” said Steve Marbaise, Brunner Island plant manager.

“We’re sympathetic to the concerns expressed by our neighbors and municipal officials about our plans to close Wago Road for public use near the plant,” Marbaise said. “But we have to consider the safety and security of our plant coexisting with motorists who use the road.”

Recent plant improvements will result in increased train and truck delivery of limestone and gypsum, which will increase traffic at the railroad crossing south of the plant entrance, he said.

He pledged to keep lines of communication open with plant neighbors as the project unfolds. “It’s never easy to make a change like this, but we have made this proposal with safety in mind, and I hope everyone will understand that. My phone line is always open to talk with people about this or any other issue related to Brunner Island’s operation.”

Take a summer stroll at PPL Brunner Island Environmental Preserve

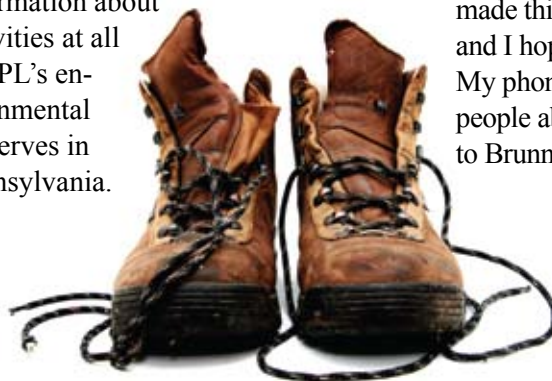
Summer is an ideal time to explore the great outdoors.

At PPL Brunner Island, you’ll find a rich wetlands area that provides habitat for a variety of species, excellent fishing in the channel between the plant and the Susquehanna River, a hiking trail and a boat launch area the company maintains for public use.

The Brunner Island power plant and environmental preserve demonstrate the successful combination of power generation, recreation, environmental

education and land management.

Visit www.pplpreserves.com for more information about activities at all of PPL’s environmental preserves in Pennsylvania.



Brunner Island part of new TV documentary about Pennsylvania agriculture

The good neighborly relationship between PPL's Brunner Island power plant and the Susquehanna Aquacultures fish farm is included in a television documentary about Pennsylvania agriculture to premiere this fall.

The Brunner Island/Susquehanna Aquacultures story is part of "Hearth and Harvest," a one-hour documentary that will have its premiere showing Sept. 25 at the Campus Theatre, 413 Market St., Lewisburg. Check www.thecampustheatre.com for show times.

Following a chronological year in the life of Pennsylvania farmers, the program begins with the Farm Show in Harrisburg in January and concludes with the traditional end of the harvest season. The program, which includes the history and modern challenges of farming in the state, is scheduled to be broadcast around Thanksgiving on Pennsylvania Public Television Network affiliates.

Rob Foltz, manager of Safety, Health and Environmental Resources at Brunner Island, was interviewed

last year and explained how the warm water discharged from the plant is ideal to raise striped bass.

"We researched Pennsylvania agriculture to determine all its facets and discovered that fish farming is considered agriculture," said Greg Matkosky, creative director for WVIA-TV based in Pittston, the public television station that serves northeastern Pennsylvania and the Central Susquehanna Valley.

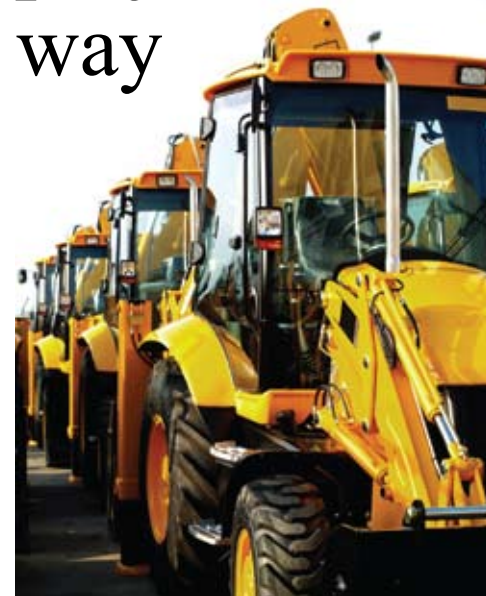
"This unique fish story was a great fit for this program. We found the relationship between Susquehanna Aquacultures fish farm and Brunner Island to be among the best in the state," he said. "It also demonstrates another side to energy production and how it benefits agriculture and the economy."

Susquehanna Aquacultures, located on PPL property next to the Brunner Island power plant, has operated under a lease with PPL since 1989. It's the only striped bass farm in the northeastern United States.



PPL's Rob Foltz explains how the warm water discharged from the plant is ideal to raise striped bass.

Bypass road project under way



PPL has begun work to build a bypass road that will help keep truck traffic away from residential areas of York Haven.

The road, nearly a mile in length, will start just off the north end of Brunner Island and reconnect with Route 382 west of York Haven. River Road will be closed during the project, expected to be completed by year's end and requiring a detour from Route 382 to Cly Road (Route 262).

The project will eventually require closing the intersection of Front and Locust streets for about six to eight weeks in early summer. The timing of that work will depend on the completion of site preparation work at the intersection.

"We understand that there may be inconveniences for some of our neighbors, but the goal is to reroute truck traffic safely around York Haven," said Steve Marbaise, plant manager.

"We listen to concerns from our neighbors and work with community leaders and local police on practical ways to make the roads safer for everyone," he said.

PPL Brunner Island
Wago Road
York Haven, PA 17370

Upcoming events at PPL Brunner Island Environmental Preserve

Hibiscus Walk **Friday, Aug. 14, 9 a.m.** **Brunner Island Wetlands**

Led by Jim Smith, PPL naturalist, we will explore the Hibiscus Natural Area trail and learn about the halberd-leaved hibiscus, a plant that is native to only a few areas in Pennsylvania. Please dress for the weather and wear proper footwear for hiking.

The program, which is free and great for all ages, will begin at the Hibiscus Trail Head sign off Wago Road, south of the boat ramp. For directions, visit www.pplweb.com/brunner+island. For more information, contact Karen Ament at 717-284-6274 or kament@pplweb.com.

Watershed Cleanup **Saturday, Sept. 26, 9 a.m.** **PPL Brunner Island Environmental Preserve**

When waters rise, they deposit debris on the shorelines. Help the Watershed Alliance of York during this cleanup of the Hibiscus Natural Area at PPL's Brunner Island Environmental Preserve from 9 a.m. to noon Saturday, Sept. 26. PPL will provide trash bins, bags and gloves to volunteers. This is one of the events at the annual Watershed Weekend sponsored by the Watershed Alliance of York.

Please meet at the Conewago Boat Launch Area off of Wago Road on Brunner Island. If you need additional information, contact Karen Ament at 717-284-6274 or kament@pplweb.com.

Tell a Friend

Do you know of anyone who might enjoy hearing about upcoming programs at the Brunner Island Environmental Preserve? Please encourage them to sign up to receive our electronic newsletter. All they have to do is e-mail kament@pplweb.com or call 717-284-6274, and we will add them to our Brunner Island mailing list.