



Power plant contributes to truck safety program

To promote traffic safety in communities around the Brunner Island power plant, PPL donated \$43,650 to the Newberry Township Police Department to purchase truck scales and related equipment.

The grant begins a five-year truck safety partnership between PPL and the police department.

"These tools will greatly improve our truck safety program," said David Duffy, Newberry Township police chief. "We intend to enforce all truck violations we discover, and we appreciate that PPL is willing to help us address safety issues."

Major construction projects at the power plant to add more than \$800 million in environmental

equipment will result in more trucks using area roads.

"We have taken measures to reduce the number of trucks traveling through the community, but we can't entirely offset the increase in traffic," said Jim Nulton, PPL's community relations director.

Because community residents have identified traffic safety as an important issue, PPL worked with township officials to find practical ways to keep roads, and people, safer.



Presenting a check to Newberry Township Police Chief David Duffy (second from right) are Ken Kinkela, Jim Nulton and Steve Marbaise (left to right), representing PPL's Brunner Island power plant.

Use of the scales will deter illegally overweight trucks from using roads in the community, and the fines issued by police will create a source of revenue that more than pays to maintain the safety equipment.

As part of the grant agreement, police in surrounding municipalities have been invited to participate in truck inspections certified by the state Department of Transportation.

Community invited to Earth Day event at Brunner Island

Employees of PPL's Brunner Island power plant invite everyone to join them for a celebration of Earth Day from 9 a.m. to 1 p.m. Saturday, April 21 at the community soccer fields near the plant on Wago Road.

"We will have a variety of interesting and informative events for both children and adults about nature and the environment," said Deb Runkle, an environmental scientist at the plant who is helping plan the event.

The event will feature wildlife displays and exhibits, including an up-close look at some remarkable birds of prey courtesy of a local wildlife rehabilitator. The York County Solid

Waste Management Authority, York County Planning Commission and York County Conservation District will have exhibits as well. And there will be a special guest visit from Smokey Bear, a symbol of fire safety for more than 60 years.

The Earth Day event also is an opportunity to learn more about the environmental work under way at the power plant to improve air quality and reduce the temperature of water that the plant discharges to the Susquehanna River.

Food and beverages also will be available.



Serving our country

U.S. Army Maj. Shonna Ilgenfritz returns to power plant after year of military service

Many workers at PPL's Brunner Island power plant dedicate some of their personal time to service. A worker in the plant's electrical planning group has devoted nearly three decades to protecting our freedom.

Maj. Shonna Ilgenfritz has been a U.S. Army Reservist for 29 years. She is attached to an Army active-duty logistics unit, the 597th Transportation Terminal Group. She is mobilized to enhance the normal unit strength when missions require more manpower.

She recently returned to Brunner Island after 12 months of active duty. The 597th Transportation Terminal Group, which is based in North Carolina, loaded ammunition onto ships bound for the Middle East to support our military forces in Iraq. She has been away from the power plant on active military duty for two of the last three years.

"I appreciate the support PPL has given to me and to other employees who are military reservists serving our country," she said.



Ash separation facility in service

The beneficial use of coal ash from PPL's Brunner Island power plant received a boost with the recent startup of an ash processing facility owned and operated by Separation Technologies.

It is the first Pennsylvania facility for Separation Technologies, which operates similar facilities at coal-fired power plants in five other states, Canada and the United Kingdom. These facilities use a patented process to remove carbon from ash, which can be used as a replacement for cement in concrete.

The Brunner Island plant produces about 330,000 dry tons of fly ash per year. PPL has used it to make an engineered ground-fill material for construction projects including the community soccer fields and the Phoenix Links Golf Course currently under construction.

Working with Separation Technologies gives PPL a new way to recycle and use a product once considered a waste material.

Separation Technologies will market the ash-based product to concrete makers in the Northeast.

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Power plant a major part of local tax base

The Brunner Island power plant has a significant impact on the local economy. The plant generates electricity, jobs and considerable property tax revenue, which directly benefit municipalities and schools.

Plant owner PPL paid nearly \$500,000 in real estate taxes on the Brunner Island plant in 2006. The lion's share of that money — more than \$327,000 — went to Northeastern School District.

PPL also paid about \$83,000 in real estate taxes to York County and more than \$73,000 to East Manchester Township.

Until 1999, power plants were considered public utility property, exempt from paying property taxes directly to municipalities and school districts.

Instead taxes for power plants went directly to the state Department of Revenue, which

distributed the money it collected from utilities to municipalities and school districts across the state, based on population. As a result, the taxes PPL paid on the Brunner Island plant made little difference in the community.

Since electricity deregulation, power plants have paid property taxes directly to local taxing authorities based on the plant's assessed value.

Work to begin on limestone, gypsum storage for scrubber project

With the 580-foot concrete chimney stack now complete, another visible part of the scrubber project at PPL's Brunner Island power plant will begin with preparation of the site for the limestone and gypsum storage facilities along Wago Road.

When complete, the two scrubbers will remove nearly all of the sulfur dioxide and also will capture much of the mercury from the plant's emissions.

PPL is spending about \$700 million on the scrubbers and related equipment as part of an investment of more than \$800 million in environmental upgrades at Brunner Island.

The limestone and gypsum storage facilities will be built on the site of a retired ash disposal basin. Limestone will be mixed with water and sprayed onto the plant's exhaust to remove sulfur dioxide. The resulting byproduct



A 580-foot concrete chimney stack (left) is now complete at the power plant.

is synthetic gypsum, which will be collected and shipped to a company that manufactures drywall.

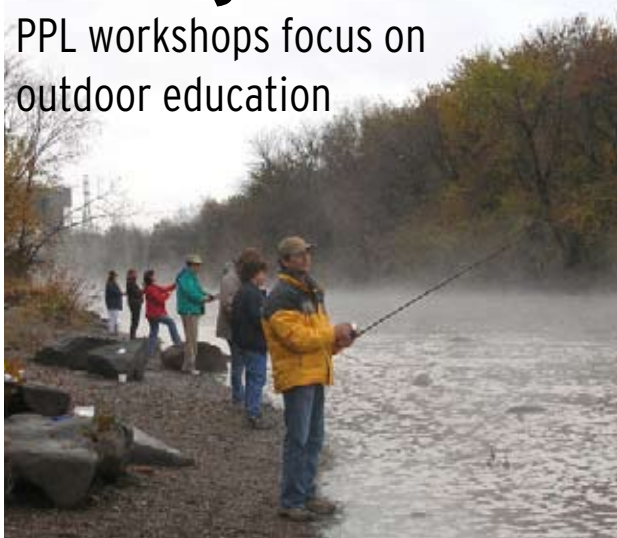
A rail siding will be built at the storage facility to receive shipments of limestone and send shipments of synthetic gypsum.

Work is also beginning on the two absorbers — the chambers where the limestone-and-water mixture will be sprayed onto the power plant's exhaust.

The first scrubber will begin operating in fall 2008, the second in spring 2009.

Teaching teachers

PPL workshops focus on outdoor education



Teachers fish at the Brunner Island power plant during an environmental education workshop sponsored by PPL and presented by the Pennsylvania Fish & Boat Commission.

Since 2003, PPL's Brunner Island power plant has hosted environmental awareness workshops that have attracted teachers from York, Dauphin and Lancaster counties.

Teachers who attend receive credit toward their professional development requirements and pick up many useful ideas for the classroom to help students understand and appreciate environmental issues.

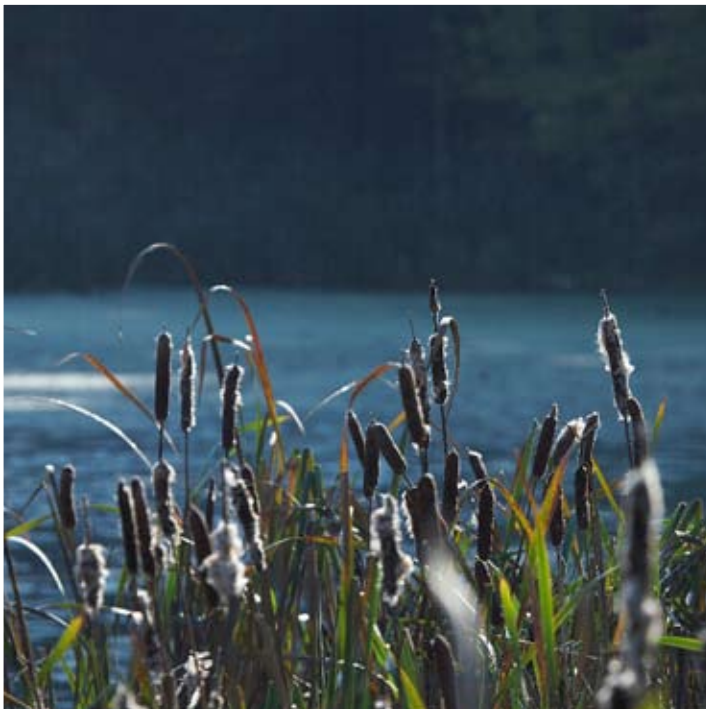
The Susquehanna River was the classroom during the most recent workshop in November, presented by the Pennsylvania Fish & Boat Commission. During the "Wild about Fish" program, teachers learned about the river's ecosystem through hands-on activities.

PPL will send details about upcoming programs to local school districts. Teachers who would like to receive information about these programs should e-mail pplpreserves@pplweb.com or visit www.pplprojectearth.com and click on TEA Workshops.

PPL Brunner Island
Wago Road
York Haven, PA 17370

Come to the **Earth Day** community event, April 21, 9 a.m. - 1 p.m.

Boating safety, nature events planned



Wild about flowers

PPL and Millersville University will sponsor a talk about Lancaster County wildflowers at 7 p.m. Wednesday, April 18 in the Roddy Science Building, Room 261, on the Millersville University campus. This program is part of PPL's Earth Day activities.

Attracting butterflies

The wetlands at the Brunner Island power plant have been certified as a monarch butterfly waystation. At 10 a.m. Saturday, May 5 we will plant additional sources of nectar to attract the butterflies. Bring your own garden tools and join the fun. For information, contact Karen Ament at ekament@hotmail.com.

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PPL offers environmental education programs throughout the year. Check our calendar of events online at www.pplprojectearth.com.