



How will your project change *your* community?

Project Showcase

PA Treasury and PennSEF

35 municipalities install LED streetlights saving almost one million dollars annually using an innovative effort

Lighting costs typically account for 60-70% of a local government's energy budget. Thirty-five communities in southeastern Pennsylvania will upgrade to LED streetlights using an innovative intergovernmental cooperative process. The project upgrades more than 26,000 streetlights, exterior lights, and traffic signals. The 35 municipalities will achieve annual reductions of over 10,000 megawatt hours; 5,400 metric tons of CO2 emissions; and almost one million dollars in annual energy and operating costs. Construction is underway and is expected to be completed by the end of 2017. The effort is known as the Regional Streetlight Procurement Project and is led by the Delaware Valley Regional Planning Commission (DVRPC) in concert with the Pennsylvania Sustainable Energy Finance Program (PennSEF) offered by state Treasurer Joe Torsella and the PA Treasury Department and the Foundation for Renewable Energy and Environment (FREE).



DVRPC's Regional Street Lighting Procurement Program (RSLPP) assembled the resources needed to design, procure, and finance the transition to LED street lighting and other outdoor lighting needs tailored to each municipality's specific needs. PennSEF brought significant legal, financial, and energy performance contracting and technical expertise that established the foundation for success of the project. By leveraging this expertise, the project complied with the Guaranteed Energy Savings Act of PA.

The program offers a financing strategy that ordinarily would be out of reach of municipalities. By pooling buying power as enabled through PennSEF, local governments achieved economies of scale in purchasing that saves taxpayer dollars, construction, and financing - significantly lowering upfront costs of the projects, which allowed some local governments to participate that might otherwise not have been able to obtain the funding to do so.

The PA Treasury Department has partnered with FREE, with financial support from WPPSEF, to develop a prudent, market-based investment vehicle that promotes energy and water efficiency, clean energy generation, economic development and environmental improvement.

[Learn more about PennSEF.](#)

[Read more about the Regional Streetlight Procurement Project.](#)

Kudos

USA Today Best Eco-Friendly Resort Selects DCNR's Nature Inn At Bald Eagle

True to its name, the Nature Inn at Bald Eagle demonstrates environmental stewardship through habitat restoration, water-efficient and native landscaping, rainwater harvesting, solar-thermal hot water and use of Green Seal Certified cleaning products throughout the hotel. Guests of this eco-lodge enjoy easy access to the trails of Bald Eagle State Park.



The Inn was awarded the Gold LEED rating from the U.S. Green Building Council and serves as a showcase for:

- Reduced stormwater runoff
- Habitat restoration

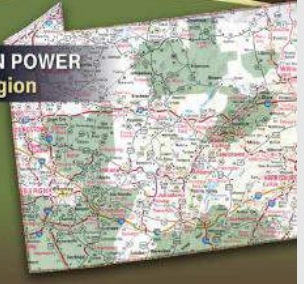
Visit our website

Who We Are

- ☑ Mission Driven
- ☑ 501(c)(3) Non-profit
- ☑ Since 2001, \$24 Million Committed to Support Sustainable Energy Development



WEST PENN POWER Service Region



Apply for funding

What We Do

- ☑ We are here to help you change your community with your project



- Native, water-efficient landscaping
- Reduction in roof and non-roof heat island effect
- Water use reduction of more than 30% with low-flow fixtures and dual-flush toilets
- 2,800-gallon rainwater harvesting system
- At least a 14 percent decrease in energy costs over a code minimum building
- Guest room energy monitoring viewable in each room
- On-site renewable energy; solar-thermal hot water system
- At least 75 percent of construction waste diverted from landfills
- Regional and recycled content materials
- Over 80 percent FSC-certified wood framing, finishes and furniture
- Low VOC paints, stains, adhesives and carpeting
- Direct connection with the outdoors through daylighting, views and access
- Direct access to hiking and biking trails to enable and encourage healthy interaction with park resources

[Learn more or make reservations.](#)

PA Biomass Energy Association had a sellout success on its first workshop of the season in Philadelphia at the Northeast Water Pollution Control Plant. This half-day workshop involved a classroom teaching, a tour of an existing facility anaerobic digester and combined heat and power system (CHP). Attendees learned how Philadelphia could merge their zero waste goal with existing wastewater infrastructure, food waste collection and recycling and biogas production.



Upcoming workshops:

- Boiler Operator Training at Kane Hardwoods
Date: June 20, 2017 | Time: 9:00a-3:30p
Location: Kane Hardwoods - Kane, PA
- Boiler Operator Training at Tuscarora Hardwoods
Date: October 1, 2017 | Time: 9:00 a-3:30p
Location: Tuscarora Hardwoods Inc - Elliottsburg, PA
- Boiler Operator Training: Optimizing Operations and Switching to Biomass
October 4 | Time: 9:00 a-3:30p
J.G. McIlvain Sawmill - White Marsh, MD

These workshops are made possible by a grant from WPPSEF.

[Learn more or register.](#)

Elk County Community Recycling Center recently held an Open House to showcase their new recycling equipment as well as the biomass furnace system. Tours of the new facility at 850 Washington Street in St. Marys were given throughout the day along with refreshments and a live radio broadcast with interviews from staff and guests explaining the center's mission along with the benefits of the biomass system that provides heat to the building.



Elk County Community Recycling Center worked with WPPSEF to redesign a woody biomass system into the primary heating source for the recycling center. This furnace uses locally derived wood chips harvested in a sustainable manner to provide renewable heat. WPPSEF committed over \$45,000 to support this improvement. The biomass system will be part of the recycling department's public education efforts and adds a renewable energy education component to their existing education programs.

This Open House was supported by a grant from WPPSEF.

Events

Energypath 2017

For Our Future: Carbon Reduction
July 27, 2017 | DeSales University in Center Valley, PA



Energypath is the region's largest sustainable energy event attracting industry professionals, policymakers and academia throughout the region and across the United States. The goal of Energypath is to increase the knowledge of and passion for sustainable energy in the leaders of today and tomorrow.

Energypath has something for everyone:



WPPSEF Links

[Project Gallery](#)

[Video Gallery](#)

[Service Region](#)

[Leadership Team](#)

[Apply for Funding](#)

Featured Links

[Alliance for Green Heat](#)

[Frick Environmental Center](#)

[Green Building Alliance](#)

[Keystone Home Energy Loan Program](#)

[PA Environment Digest](#)

[PennSEF - Pennsylvania Sustainable Energy Finance Program](#)

[Pennsylvania Environmental Council](#)

[Pennsylvania Wilds](#)

[Shaver's Creek Environmental Center](#)



- Have you ever wanted to learn more about renewable technologies like Solar, Wind, Geothermal or Biomass Energy?
- Are you a business owner that would benefit from learning energy efficiency techniques to save money on energy bills?
- Are you looking to start an energy business or start a career in the energy industry?
- Do you have a new hire who needs a crash course in sustainable energy?

WPPSEF is proud to be a sponsor of this annual event.

[Learn More.](#)

Mid-Atlantic Biomass Energy Conference and Expo
September 12-14, 2017 | State College, PA



Hear firsthand the engaging perspectives of your peers in the biomass industry and learn about the state of biomass use for clean heat or combined heat and power projects in the mid-Atlantic region. Share a vision with others committed to the environmentally responsible use of biomass and network with various sectors of biomass including residential, small business, commercial, institutional, agricultural and industrial.

[Learn More.](#)

Breaking News



Do you want to keep up with WPPSEF? If you want the most up-to-date information on sustainable energy investments in Pennsylvania, "Like Us" on [Facebook](#) and check us out on our [website](#). It is amazing what can happen among friends.



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