



December 2016

Sustainable energy eNews



How will your project change *your* community?

There is Still Time

So far this year, WPPSEF has funded over 20 projects. We will be putting more money on the streets to support clean energy activities that benefit the West Penn Power ratepayers through a Request for Proposals (RFP). Our terms are flexible, we are easy to work with and we are looking for innovative projects that will help to change your community.



Funding is focused in four areas:

1. Clean Heat & Power Technologies
2. Smart Energy Use
3. Healthcare and Energy
4. Clean Energy Manufacturing in Pennsylvania
5. Regional & Community Programming

In addition, a limited number of grants will be considered for non-profits. Applying is easy.

The deadline for receipt of the proposals is 4:00 p.m. (EST) on February 1, 2017.

Look Who's Talking About Clean Energy Projects

What impact will WPPSEF have on your community? We recently held three workshops across our region to have a conversation with many businesses to see if their project is eligible for funding. See who we've been talking to and download our Request for Proposals if you have a clean energy project that could use some funding.

November 10, 2016 - Scottdale, PA

Attendees from: Powdermill Nature Reserve, Blairsville-Saltsburg School District, Jesus Data Retreat Center, Vandergrift Improvement Program, Saint Vincent College, Jacob's Creek, The Efficiency Network, Frank Sarris Public Library, Indiana Regional Medical Center, Watt Fuel Cell, Westmoreland Community Action Agency, West Overton Village,



Economic Growth Connection of Westmoreland County

November 29, 2016 - Monroeville, PA

Attendees from: Spectrum Charter School, Allegheny County Department of Parks, Allegheny Health Network, Builders Guild of Western Pennsylvania, Be Smart Energy, Sports and Exhibition Authority, Sodexo, Carnegie Mellon University, Green Building Alliance, Economic Growth Connection of Westmoreland County



December 2, 2016 - State College, PA

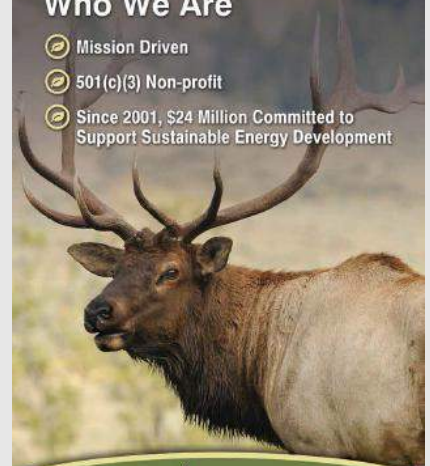
Attendees from: GE, Saint Francis University, Alternative Energy Development Group, Penn State University, Envinity, RF Farm Cafe



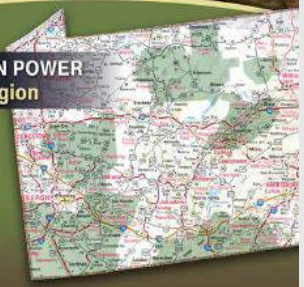
Visit our website

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

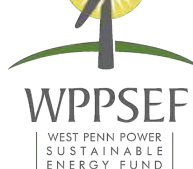


What We Do

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



Development Group, Penn State University, Entinity, AET Penn Care, The Tarron Group, Gambone Songer & Associates Realty, Sodexo, State College Area School District, Geisinger Health System, PA Department of Conservation and Natural Resources (PA DCNR), Borton-Lawson, PennTap, Pennsylvania Housing Research Center, Shaver's Creek Environmental Center, Siemens



Project Showcase

Pennsylvania Society for Health Facility Engineering (PSHFE) is working with WPPSEF to bring the Energy to Care program to Pennsylvania.

Energy to Care is a free energy benchmarking and awards program for health care facility management professionals who want to provide value back to their organizations through energy savings. It gives users the opportunity to compare their energy reduction efforts to those of similar nearby facilities and to challenge each other to greater achievements. By achieving greater energy savings, hospitals can free up resources to support the organization's mission of providing patients with the best care. The Energy to Care program also includes awards that recognize hospitals for their energy efficiency achievements.



WPPSEF has provided a \$14,750 grant to PSHFE to empower hospitals to put resources back into patient care through the Energy to Care program.

Begin your journey to greater efficiency. Watch the short video below and learn more at the [Energy to Care](#) website.

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](#)



Kudos

Biomass Thermal Energy Council (BTEC) announced its release of the first American test method for the thermal efficiency of commercial-sized biomass boilers. This includes boilers that use as a fuel stock solid biomass, including pellets, chips, briquettes, and cordwood. The standard is available on BTEC's [website](#) and will now be validated through laboratory testing by an EPA-accredited third-party testing laboratory.



BTEC will utilize its industry experience in media and stakeholder outreach to promote the efficiency testing procedure beyond the biomass industry to the heating and cooling industry, government officials, testing laboratories, consumers, and businesses. The test method will facilitate the evaluation of the benefits of properly sizing biomass boilers, including innovative methods for multiple-boiler systems, and will closely examine boiler performance at partial load points.

Work on the project is supported by WPPSEF, the U.S. Endowment for Forestry and Communities, and the Massachusetts Department of Energy Resources.

[Learn More.](#)

Events

Achieving Deep Carbon Reductions:

Paths for Pennsylvania's Electricity Future

March 15-16, 2017 | Pittsburgh, PA



Deep decarbonization refers to reductions in greenhouse gas emissions of at least 80% by mid-century, which are in line with what has been advised by the scientific community to avoid the worst consequences of climate change. This conference will explore how such a strategy, instead of smaller, incremental targets, would work and what technologies it might include, in order to unlock the most cost-effective, beneficial pathway towards climate protection. In particular, this event will focus on deep decarbonization of Pennsylvania's electricity sector. National and Pennsylvania-based speakers will explore four key areas: renewable energy, energy efficiency, nuclear power, and carbon capture and storage. PEC received a \$7,500 grant from WPPSEF in support of this conference. V

[Learn More.](#)

V

Engineering Sustainability 2017

Innovation and the Triple Bottom Line

April 9-11, 2017 | Pittsburgh, PA



Engineering Sustainability 2017 will bring together engineers and scientists from academia, government, industry, and non-profits to share results of cutting edge research and practice directed at development of environmentally sustainable buildings and infrastructure. This event is sponsored by The Mascaro Center for Sustainable Innovation at the University of Pittsburgh and The Steinbrenner Institute for Environmental Education and Research at Carnegie Mellon University.

[Learn More.](#)

V

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 at our new [website](#). It is amazing what can happen among friends.



Sustainable energy news is brought to you by the West Penn Power Sustainable Energy Fund.

We want to hear from you. Questions or comments about this publication can be sent to

wppsef@ems.psu.edu.

