



### Isn't it About Time That You Discovered WPPSEF?

Do you have a clean energy project that needs funding? 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 six areas:

1. Institutional-scale solar PV farms in the West Penn Power service region,
2. Deployment of clean heat and power technologies,
3. Foster smart energy use by deploying innovative energy efficiency technologies,
4. Clean energy manufacturing in Pennsylvania,
5. Regional-scale sustainable energy programs, and
6. Electric vehicle charging stations at showcase high performance buildings.

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 27, 2018.

### Projects Under Construction

**GreenBuild**, a Zero Energy Ready duplex home from the State College Community Land Trust, is out of the ground and up for sale. The State College Community Land Trust (SCCLT) was awarded a \$100,000 grant and a \$350,000 construction loan from WPPSEF to help fund the construction of this affordable duplex equipped with green energy technology in the Borough of State College. GreenBuild will benefit not only the people who own the homes, but also will serve as a model for builders, developers, architects and individual homeowners seeking new ways to reduce energy costs. U.S. Department of Energy's Zero Energy Ready Home program represents a whole new level of home performance, with rigorous requirements that ensure outstanding levels of energy savings, comfort, health and durability. [Learn More.](#)



### 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**



**What We Do**

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

**WPPSEF Project Gallery**



*Tired of commuting or renting? High monthly energy bills? Want a home with monthly energy costs of less than \$15 on average?*

**FOR SALE**

*High Performance, Zero Energy Ready Duplex Homes in State College Borough*

*By State College Community Land Trust (SCCLT), a non-profit organization promoting affordable homeownership in the Borough of State College.*



**2 Duplex Houses at 1394 & 1396 University Drive, State College 16801**  
**Estimated Move-In Date: June 2018 • Price \$187,500**  
*(shared equity home ownership with land kept in permanent trust by SCCLT)*

Each Unit: 1,360 sq ft, 3 bedroom, 1.5 bath, open concept first floor, covered carport

Green Energy Technology Features: solar array, energy efficient heating & cooling systems, Energy Star appliances, locally sourced materials with enhanced durability, water-saving technology, and more!

Designed for first-time home-buyer, middle-income qualified applicants (federal guidelines)

- 1 Person household up to \$60,375 per year
- 2 Person household up to \$69,000 per year
- 3 Person household up to \$77,625 per year
- 4 Person household up to \$86,250 per year

**APPLICATION PROCESS:** Orientation, free budget counseling and home-buyer education coordinated by State College Community Land Trust. Application process may take 3-4 months.

**Inquire & apply NOW. Contact Colleen Ritter, SCCLT at (814) 867-0656 or [director@scclandtrust.org](mailto:director@scclandtrust.org)**




The Westmoreland County Industrial Development Corporation (WCIDC) received a \$285,000 loan and a \$20,000 grant from WPPSEF to support building renovations at The Corner, an entrepreneurial center located in downtown New Kensington. Situated on New Kensington's Fifth Avenue, The Corner is a collaborative effort between the WCIDC and Penn State New Kensington. This flagship project will bring entrepreneurial programming for all and act as the small business and innovation hub for the city. Along with stimulating growth through the programming, The Corner will play a key part in the effort to revitalize the area and development along the Corridor of Innovation.



[Learn More.](#)



**WPPSEF Links**

**Project Gallery**

**Video Gallery**

**Service Region**

**Leadership Team**

**Apply for Funding**

**We Work With**

**Elliance**

**EPA Burnwise**

**Frick Environmental Center**

**Green Building Alliance**

**Mountain Watershed**

**PennSEF - Pennsylvania**

**Sustainable Energy Finance**

**Program**

**Pennsylvania Environmental**

**Council**

**Penn State New Kensington**

**Corner LaunchBox**

**Pennsylvania Wilds**

**Shaver's Creek Environmental**

**Center**

**State College Community Land**

**Trust**

**Conferences We Sponsor**

**Energypath 2018**

**Invent Penn State**

**North American Passive House**

**Network**



**Passive House Conference Comes to Pittsburgh**

The North American Passive House Network (NAPHN) 2018 Conference got a kick start from WPPSEF. Passive House Western Pennsylvania received a \$25,000 grant from WPPSEF to secure space in Pittsburgh's David L. Lawrence Convention Center for this national conference in October of 2018. Passive House is a rigorous standard for energy efficiency resulting in low energy use for space heating or cooling. Building professionals have used the standard to construct residential properties, office buildings, hotels, prisons, schools, hospitals, supermarkets, and mixed-used buildings. The United Nations recently identified the Passive House design concept as probably the only way to mitigate global warming caused by the built environment. Joel Morrison, Director of WPPSEF, stated that "The NAPHN18 conference fits well with the WPPSEF mission to facilitate public



education regarding sustainable energy deployment in the Western Pennsylvania region." PHWPA also notes that the WPPSEF grant extends the benefits of the education and information exchange that will occur at the conference to North America and beyond because of the many national and international attendees, who will return to their homelands filled with new, applicable knowledge.

[Learn More.](#)

## First Round of Finalists Selected

In the **Wood Stove Design Challenge**, teams from around the world are competing to design an integrated thermoelectric generator and wood stove that is optimized for both home heat and electrical power output. The U.S. Department of Energy's



Bioenergy Technologies Office (BETO) and the Alliance for Green Heat (AGH) are excited to announce the first round of finalists for the fourth Wood Stove Design Challenge!

One of BETO's goals is to develop innovative, sustainable technologies to convert our U.S. biomass resources into renewable biofuels, biopower, and bioproducts. BETO will provide a total of \$125,000 in funding to support this technology that will help grow the bioeconomy. AGH and BETO will announce additional finalists in the future. Finalists will have the opportunity to showcase their wood stove technology on the National Mall in Washington, D.C., on Nov. 9-14, 2018.

[Learn More.](#)

## Events

### PennTAP

Building Re-Tuning: An Energy Sustainability Series  
Feb 15, 2018, 7:30 am - 3:00 pm | Malvern, PA



This workshop will focus on the fundamentals of BRT including how to use low-cost tools and workbook calculations for an energy-conscious facility. BRT is a systematic low-cost/no-cost approach to ensure that buildings are operating at maximum efficiency. BRT is for any local government building, community college, or K-12 school interested in reducing their facility energy costs. This multi-media training includes a webinar, guest speakers, and two building walk-throughs in regional facilities. Space is limited, so register early!

[Learn More.](#)

### CMU Energy Week

Investing in our Energy Future  
April 3th - 6th, 2018 | Pittsburgh, PA



Join energy thought leaders from industry, government, academia, and the nonprofit sector to engage and collaborate on energy research, trends, innovative technologies, and opportunities.

Key Events:

4/3 | Energy Industry Career Fair

4/4 | Kickoff, Keynotes, Evening VIP Panel

4/5 | Investor Forum

4/6 | Allegheny Cleantech University Prize Collegiate Competition (sponsored by the U.S. Department of Energy)

[Learn More.](#)

### Invent Penn State

Venture & IP Conference | Moving Innovative Ideas to Market  
April 19 & 20, 2018 | State College, PA



WPPSEF is proud to be a sponsor of this event. The inaugural conference showcased over 90 start-up ventures-14 from our own Penn State community-that represented high growth and emerging markets including IT, Energy, Advanced Manufacturing, Biotechnology, Healthcare, B2B and B2C, among others. The 2018 conference is expected to be an even bigger draw.

We can't wait to introduce you to these remarkable trailblazers and to celebrate the spirit of innovation and entrepreneurship that we embrace at Penn State. Please join us.

[Learn More.](#)

### Energypath 2018 Grid Integration

July 26, 2018 | Desales University | Center Valley, PA





Energypath 2018 has something for everyone: Learn about renewable technologies, energy efficiency techniques and start or expand your career in the energy industry with a crash course in sustainable energy. This year's conference will focus on the theme of Grid Integration. Grid Integration is an increasingly critical issue as the demand for electricity rises along with the growing need for reliable and diverse sources of electricity. Although progress has been made to improve grid stability and resiliency, more needs to be done to integrate renewables, batteries, and vehicles into the electric grid. This conference will evaluate the challenges of grid integration and discuss viable solutions. WPPSEF is proud to be a sponsor of this event. Please join us.

[Learn More.](#)

### Emerald Evening 2018

25th Anniversary Celebration  
September 20, 2018 | Pittsburgh, PA



Mark your calendars for this milestone event as we celebrate 25 years of green building projects that are transforming our region's built environment. Please save the date and join us for an evening of inspiration and celebration as we reflect on 25 years of green building and look ahead to a sustainable future. More details coming soon about this year's Emerald Evening. Stay tuned!

[Learn More.](#)

### Did You Know?

**Middle Creek Wildlife Management Area** near Lancaster is viewed as an important stopover for snow geese, perhaps the noisiest of all waterfowl and every year 70,000+ snow geese pass through Middle Creek in early spring. The annual spring migration from wintering grounds in the eastern and southern states back to breeding grounds in the Arctic tundra (northern Alaska, Canada and Siberia) will begin soon. Observing thousands of the white waterfowl taking off together or descending out of the sky in unison, honking loudly, is one of the great wildlife spectacles in PA. Some have compared it to being inside a snow globe.

[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.



**WPPSEF**  
WEST PENN POWER  
SUSTAINABLE  
ENERGY FUND

Sustainable energy enews 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](mailto:wppsef@ems.psu.edu).

