



## How will your project change *your* community?

### Money on the Street

WPPSEF is seeking to invest in new projects that will benefit West Penn Power ratepayers. The response to WPPSEF request-for-proposal solicitation, which closed on February 1, generated over \$5M of new project funding requests. WPPSEF looks forward to supporting innovative projects that will help to change our communities. We hope to begin announcing new projects in early Spring. If you missed the deadline and would like to learn if your project is eligible for a loan, please send us an [email](#).



### Project Showcase

#### Energy and Healthcare

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.



In today's challenging health care climate, energy efficiency is more important than ever before. And benchmarking is critical to becoming more efficient-you can't manage what you don't measure.

What is the American Society for Healthcare Engineering (ASHE) Energy to Care Program?

- Energy to Care is an opportunity for health care facility professionals to provide value to their organizations through energy efficiencies.
- Energy to Care helps you measure your facility's energy use using a robust dashboard.
- Energy to Care offers ways for you to be recognized for your efficiency accomplishments.

"WPPSEF is delighted to provide financial support to attract the national ASHE Energy to Care program to Pennsylvania. By working with PSHFE and the 12 hospitals that participate in the Energy to Care program, WPPSEF's support will have an impact on energy usage across the Pennsylvania healthcare community says Joel Morrison, WPPSEF Director." 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. [Read the entire release.](#)

Begin your journey to greater efficiency by joining the [Energy to Care](#) program.

### Kudos

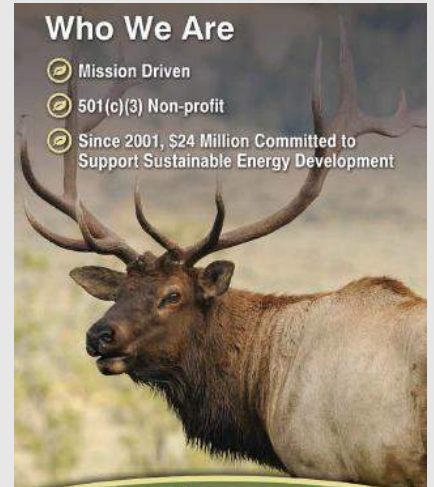
**Aquion Energy** was named the 'North American Company of the Year' in 2017 Global Cleantech 100. Aquion Energy is the manufacturer of proprietary Aqueous Hybrid Ion (AHI™) batteries and battery systems for long-duration, stationary energy storage applications. Aquion's Aspen product line is optimized for daily deep cycling for residential solar, green architecture, off-grid and microgrid, telecom towers, energy management, and grid-scale applications. Aquion's high-performance, safe, sustainable, and cost-effective batteries deliver reliability and value for customers. The company's battery systems



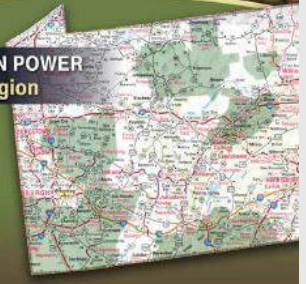
#### Visit our website

#### 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



provide flexible, modular energy storage that enables broad adoption of renewable energy technologies such as wind and solar, reduced reliance on fossil fuels, and optimization of existing grid-tied generation assets. WPPSEF provided a loan to Aquion Energy, a Pittsburgh-based company with technology that was developed out of Carnegie Mellon University by founder and chief technology officer Jay Whitacre.

**PA Department of Environmental Protection (DEP)** is helping to define Pennsylvania's Solar Future. Clean, renewable solar energy is vital to economic growth, environmental protection, and electrical grid resiliency in Pennsylvania. Finding Pennsylvania's Solar Future kicks off on March 2, 2017, with a stakeholders meeting hosted by the Department of Environmental Protection and PennFuture at the Rachel Carson State Office Building in Harrisburg. Participation is open to the public. Participants will be asked to join working groups that will meet regularly throughout 2017 and 2018 to consider modeling data, debate policy options, and provide critical feedback to DEP on options and methods to support the increase of solar development and deployment in the Commonwealth. Learn more and [register](#).



### 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](#)

## Events

### The Pennsylvania Housing Research Center

25th Annual PHRC Conference  
March 1-2, 2017 | State College, PA



This two-day event provides information and updates on issues of interest to the residential construction industry. The first day of the conference, Wednesday (3/1), focuses on issues related to housing structures and their systems via breakout session in four tracks: Building Science & Technology, Construction & Management, Building Codes, and Multifamily. The second day of the conference, Thursday (3/2), provides opportunities to attend full-day workshops relating to specific areas of residential construction.

[Learn More.](#)

### PennTAP

Facility Operations Workshop  
March 14, 2017 | State College, PA



This Facility Operations Workshop will show you how to save energy and reduce your facility operating costs. Two parallel training tracks will focus on Building Operator Certification (BOC) maintenance points and Building Re-tuning (BRT) topics. Building operators, maintenance staff or technicians, energy managers, facility managers, building engineers, and HVAC technicians are encouraged to attend. Registered participants will be entered into a drawing for various energy audit equipment to measure air flow, temperature, distance, and energy.

[Learn More.](#)

### 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.

[Learn More.](#)

### Home Performance Coalition

2017 HPC National Home Performance Conference  
March 19-22, 2017 | Nashville, TN



The HPC National Conference & Trade Show is where you will join over one thousand residential energy efficiency professionals for four days of outstanding educational sessions, networking, and inspiration. In educational sessions, over lunch, or during casual conversations over coffee at the Trade Show, you'll have the chance to engage personally connect with industry leaders and your peers from across the country.

[Learn More.](#)

### 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.](#)

### 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.](#)

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## 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 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).

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