

Morning

8:00 – 8:30 am <i>Ballroom C</i>	Registration and Breakfast	
8:30 – 8:35 am <i>Ballroom C</i>	Welcome Remarks	Tanna Pugh, PennTAP
8:35 – 9:00 am <i>Ballroom C</i>	Opening Speaker	Andrew Gutberlet, PE, LEED AP Penn State OPP

Morning – Breakout Track I

9:00 – 11:00 am <i>Ballroom C</i>	BRT Topics Training This comprehensive session will cover data collection, benchmarking, tools of the trade, calculator resources, walkthrough protocols, implementation, best practices, sustainability and certifications.	Alanna Colvin, PennTAP
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Morning – Breakout Track II

9:00 – 10:00 am <i>Ballroom B</i>	Technology – Lighting, Building Codes Rapid developments of light-emitting-diode (LED) technology has made significant energy savings possible. Examples of LED lighting and solutions will be circulated and discussed including how to evaluate, specify, justify, and finance upgrades.	Justin Stradley, Hite Lighting Co.
10:00 – 11:00 am <i>Ballroom B</i>	Technology – HVAC HVAC systems are among the largest energy consumers in schools and commercial buildings. This session will detail how engineers can design a quality system that is cost-competitive with traditional ventilation designs, while successfully providing an appropriate quantity and quality of outdoor air, lower energy costs and easier maintenance.	Tom Dowling, Penn College
11:00 am – Noon <i>Ballroom B</i>	Technology – Solar Learn why academic institutions across the country are committing to solar power. Schools are being recognized for their leadership and responsible practices—and being rewarded with dramatic and immediate savings on their electricity bills.	Jason Grottini, Envinity

Morning – Breakout Track III

9:00 – 10:00 am <i>Ballroom A</i>	ESCO Opportunities – Case Studies Energy Services Companies (ESCOs) will discuss case studies, business opportunities, and energy savings projects for your school or municipality building within Pennsylvania.	TEN
10:00 – 11:00 am <i>Ballroom A</i>	Utility Rebates Panel Saving energy always makes sense from an operating cost perspective, but sometimes an investment must be made in the form of new equipment. Hear utility providers describe what incentives are available to you and share success stories.	FirstEnergy PPL Duquesne Light PennTAP (Moderator)
11:00 am – Noon <i>Ballroom A</i>	Indoor Air Quality – Mold Mold is a threat for any facility, among other common allergens and irritants. Learn about indoor air quality strategies and green cleaning methods to help support preventative maintenance of your building.	Tom Dowling, Penn College

Lunch & Roundtable

Noon – 1:30 pm <i>Ballroom C</i>	Lunch / Vendor Networking Past BRT Participants Roundtable BRT is reported to save up to 20% in the energy costs for commercial buildings. Trained building operators describe how BRT changed their perspective and helped them make substantive and sustainable improvements to their facilities.	Fred Remelius, Upper Merion Area School District
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Afternoon – Site Walkthrough

1:45 – 4:00 pm <i>Rec Hall</i>	Site Walkthroughs on Campus Rec Hall has been selected to represent an older building going through its own re-tuning process. Participants will travel to the site and discuss observations, opportunities, and solutions for low/no-cost improvements.	PennTAP
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Afternoon – Breakout

1:45 – 2:30 pm <i>Ballroom A</i>	Portfolio Manager A critical component of a sustainable energy management plan is to determine meaningful metrics that can be measured and serve as a tool to identify opportunities and track improvements. Benchmarking establishes the yardstick by which projects are evaluated.	Jim Price, Sustainable Pittsburgh
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Tools of the Trade

2:30 – 3:15 pm
Ballroom A

Learn about a variety of energy measuring tools that can be used to identify energy waste, troubleshoot equipment, and document building performance. Examples of the latest equipment that can be used with your smartphone will also be demonstrated.

Denise Bechdel, [PennTAP](#)

Sustainable Energy Fund (SEF)

3:15 – 4:00 pm
Ballroom A

Learn about the multiple Sustainable Energy Funds (SEFs) across the state of Pennsylvania. It is SEFs mission to promote, research and invest in clean and renewable energy technologies, energy conservation, energy efficiency, and sustainable enterprises that provide opportunities and benefits for electric rate payers in Pennsylvania.

[West Penn Power SEF](#) &
[Sustainable Energy Fund](#)