

## Morning

8:00 – 8:30 am

*Ballroom C*

### Registration and Breakfast

8:30 – 8:35 am

*Ballroom C*

### Welcome Remarks

 Tanna Pugh, [PennTAP](#)

8:35 – 9:00 am

*Ballroom C*

### Opening Speaker

 Andrew Gutberlet, PE, LEED AP  
[Penn State OPP](#)

## Morning – Breakout Track I

9:00 a.m. – Noon

*Ballroom C*

### 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](#)

## Morning – Breakout Track II

9:00 – 10:00 am

*Ballroom B*

### 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

*Ballroom B*

### 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

*Ballroom B*

### 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>	<b>ESCO Opportunities – Case Studies</b> Energy Services Companies (ESCOs) will discuss case studies, business opportunities, and energy savings projects for your school or municipality building within Pennsylvania.	Jen Ponce de Leon, <a href="#">TEN</a>
10:00 – 11:00 am <i>Ballroom A</i>	<b>Utility Rebates Panel</b> 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.	Doug Good, <a href="#">FirstEnergy</a> Ron Ryzdak, <a href="#">Duquesne Light</a> Royal Smith, <a href="#">PennTAP</a>
11:00 am – Noon <i>Ballroom A</i>	<b>Indoor Air Quality – Mold</b> 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, <a href="#">Penn College</a>

## Lunch & Roundtable

Noon – 1:30 pm <i>Ballroom C</i>	<b>Lunch / Vendor Networking</b>  <b>Past BRT Participants Roundtable</b> 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, <a href="#">Upper Merion Area School District</a> Brittany Prischak, <a href="#">County of Allegheny</a>
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## Afternoon – Site Walkthrough

1:45 – 4:00 pm <i>Rec Hall</i>	<b>Site Walkthroughs on Campus</b> 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.	<a href="#">PennTAP</a>
4:00 – 4:15 pm <i>Ballroom C</i>	<b>Conference Wrap Up</b> Please join the PennTAP team to close out the conference. At this time, certificates will be handed out and all conference activities will be finalized.	<a href="#">PennTAP</a>

## Afternoon – Breakout

1:45 – 2:30 pm <i>Ballroom A</i>	<b>Portfolio Manager</b> 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, <a href="#">Sustainable Pittsburgh</a>
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2:30 – 3:15 pm <i>Ballroom A</i>	<p><b>Tools of the Trade</b></p> <p>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.</p>	Denise Bechdel, <a href="#">PennTAP</a>
3:15 – 4:00 pm <i>Ballroom A</i>	<p><b>Sustainable Energy Fund (SEF)</b></p> <p>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.</p>	Joel Morrison, <a href="#">West Penn Power SEF</a> Angie Berzonski, <a href="#">Met-Ed / Penelec Sustainable Energy Fund</a>
4:00 – 4:15 pm <i>Ballroom C</i>	<p><b>Conference Wrap Up</b></p> <p>Please join the PennTAP team to close out the conference. At this time, certificates will be handed out and all conference activities will be finalized.</p>	<a href="#">PennTAP</a>