

AEE September Event (Luncheon)

Register today:

Siemens Hydronic Flow Optimization

September 26, 2019 11:30AM to 1:00PM

Members \$25.00 - Non Members \$35.00—Students \$15.00

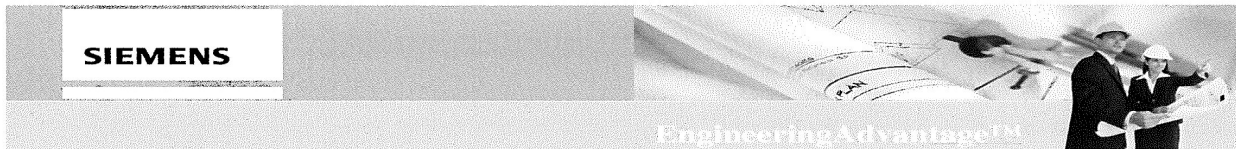
Location: Gaetano's Banquet Center & Catering

1617 Banksville Rd, Pittsburgh, PA 15216(412) 576-2761

Presenter:

Brent Waluzak

Is currently the Business Development Manager for field devices within Siemens Controls Products and Systems division. Brent came to Siemens from his engineering firm that he owned which focused on reducing energy waste and energy modeling. He has experience with energy management, performance contracts, energy efficiency software, and experience supporting HVAC equipment as a project engineer. Brent holds his Professional Engineering license in the state of Florida and resides in the Tampa Bay Area.



**Siemens Industry Inc., Building Technologies Division
Presentation Abstract**

Hydronic Flow Optimization

EAP Course ID: BAS307

Summary: According to the U.S. Energy Information Administration, commercial buildings consume about 40 percent of all energy worldwide, and HVAC systems account for more than 40 percent of buildings' energy usage. Hydronic flow optimization is a prime way to reduce HVAC energy consumption, while increasing overall building efficiency and operational performance. This presentation reviews how proven technology, such as pressure independent control valves and variable frequency drives can effectively contribute to optimized designs by maximizing the performance of variable and constant flow systems

Target Audience: Consultants, Architects, ASHRAE, BICSI, USGBC

Time: 1 hr

CEU/PDH/USGBC: AIA/CES approved 1.0 LU/HSW which is 1.0 hour of General Learning Unit or Health Safety Welfare (conversion to CEU or PDH varies by state)

Materials: Slide Presentation

Description:

- Know how hydronic system design has changed over time and why
- Understand criteria for balancing to achieve and maintain proper flow, resulting in energy efficiency
- Enable customers to increase end-user comfort and reduce energy
- Learn design considerations when specifying VFD pressure control and how to increase operational life and energy efficiency

