

Wisconsin Energy Efficiency Expo

June 5th, 2014

WHO IS WATCHING YOUR ENERGY SPEND?

A conference and exposition to promote energy efficiency.

Presented by: **Wisconsin Chapter of the Association of Energy Engineers**



Hosted by: **WCTC**



WAUKESHA COUNTY TECHNICAL COLLEGE

WAAE (**W**isconsin Chapter of the **A**ssociation of **E**nergy **E**ngineers) has over 280 members representing hundreds of Wisconsin businesses, utility companies, contractors, suppliers and state organizations.

WAAE meets on the fourth Wednesday of the month. Meetings focus on energy efficiency, networking, and new technologies followed by a tour of the facility showcasing their energy reduction efforts. Past meetings were held at:

MillerCoors	Quad Graphics	Hunzinger University
Mid-States Aluminum	Kwik Trip - HQ	Sargento Foods
Environmental Systems, Inc.	Bemis Manufacturing	Cleaver Brooks
UW Madison/Platteville	Sheboygan WWTP	We Energies
Aurora Medical Center	Johnson Controls Inc	Potawatomi Casino
Bucyrus/Caterpillar	Kohler Company	MG&E
Gundersen Health System	CREE	American Family Ins.
Quality Power Solutions	Mercury Marine	Menasha Packaging
Petit National Ice Center	Alliant Energy	JF Ahern
Milk Specialties	Rexnord Falk	Trane – West Allis

WAAE chapter and members have received numerous awards which include;

Chapter Awards:

- AEE National Chapter of the Year (2012)
- Most New Members (2008, 2011, 2012)

International Awards:

- Energy Manager of the Year (2011 and 2012)
- Renewable Energy Project of the Year (2012)

Midwest Regional Awards:

- Energy Manager of the Year (2011)
- Energy Professional Development Award (2011 and 2012)
- Renewable Energy Innovator of the Year (2011, 2013)
- Young Engineer of the Year (2009)

If you are interested in becoming a **WAAE** member or a corporate sponsor, visit our booth or email Kathy Leifer at KathyLeifer@alliantenergy.com

Visit **WAAE** website (waae.wildapricot.org) for additional Information regarding upcoming meetings, training and events.

2nd ANNUAL

WISCONSIN ENERGY EFFICIENCY EXPO

Keynote Speaker



Ellen Nowak PSC Commissioner

Keynote Topic:

MISO, Distributed Generation, and Focus on Energy

Ellen Nowak was first appointed to the Wisconsin Public Service Commission in July 2011 by Governor Scott Walker. She was reconfirmed for a new, six-year term beginning on March 1, 2013.

At the Commission, Nowak has delegated authority to provide commissioner-oversight of Focus on Energy, the state's energy efficiency and renewable program.

She serves on the Committee on Energy Resources and the Environment for the National Association of Regulatory Utility Commissioners, and is also a member of the Eastern Interconnection States' Planning Council (EISPC).

Prior to her appointment, she served as the chief of staff to Waukesha County Executive, Dan Vrakas.

From 2002-2006, she served as legal counsel and subsequent chief of staff to the Speaker of the Wisconsin Assembly. She also later worked as the deputy director of School Choice Wisconsin.

From 1998-2002, Ellen practiced business litigation at Mallery & Zimmerman, SC in Milwaukee.

Ellen has a law degree from Marquette University and a Bachelor of Science from the University of Wisconsin – Milwaukee.

June 5, 2014		WEEE - Wisconsin Energy Efficiency Expo	
8:30 – 9:00	Registration, Continental Breakfast		
9:00 – 9:15	Welcome, Jerry Eaton. W AEE President		
9:15 – 10:00	Breakout Session 1 <ul style="list-style-type: none"> • Effective Energy Management - Part 1 • LEED v4 – Major Revision to the Rating System – Part 1 • Real Economics of Heat Recovery and Thermal Energy Storage • Major Energy Trends 		
10:00 – 10:30	Exhibitor Viewing		
10:30 – 11:15	Breakout Session 2 <ul style="list-style-type: none"> • Effective Energy Management - Part 2 • LEED v4 – Major Revision to the Rating System – Part 2 • Catalytic Retrofits - Recuperative Thermal Oxidizers • Heat Pipe Technology • Reducing Outside Air Infiltration 		
11:15 – 12:00	Lunch and Exhibitor Viewing		
12:00 – 1:00		<p>Key Note Speaker</p> <p>Ellen Nowak PSC Commissioner</p>	
1:00 – 1:30	Exhibitor Viewing		
1:30 – 2:15	Breakout Session 3 <ul style="list-style-type: none"> • Beyond ASHRAE Energy Codes • Wisconsin’s Political and Regulatory Energy Trends • Chilled Beams, The New System of Choice? • Integrated Information Management and Smart Buildings • Panel Discussion – Who is Watching Your Energy Spend? 		
2:15 – 2:45	Exhibitor Viewing		
2:45 – 3:30	Breakout Session 4 <ul style="list-style-type: none"> • New Frontiers in LED Lighting • Commissioning, Retro-Commissioning and Associated Costs • Optimizing Boiler Room Efficiency – Matching Supply w/ Demand • Data Center Energy Efficiency • Power Quality and Energy Intelligence 		
3:30 – 4:30	Exhibitor Viewing		
4:30	Closed		

2ND ANNUAL WEEE - SPONSORS



Waukesha County Technical College



WCTC's long-standing commitment to educating students to be productive members of business and industry hasn't changed; it keeps getting stronger. WCTC's four schools - the School of Business, School of Health, School of Protective and Human Services and School of Applied Technologies - offer programs that are as diverse as the students they serve.

WCTC's Center for Business Performance Solutions (CBPS) Department provides customized learning opportunities, technical resources, and strategic assistance to companies focused on building strong workers which lead to increased efficiencies, improved production, enhanced customer relationships, and progressive innovation.

Business leaders are influential in helping shape the WCTC curriculum as more than 700 advisory committee members ensure that what is being taught in the classroom reflects industry needs. Pair that with instructors who boast extensive work histories and impressive education credentials, and that equals a realistic learning experience that's second to none.



BRIGGS & STRATTON



Briggs & Stratton Corporation, headquartered in Milwaukee, Wisconsin, is the world's largest producer of gasoline engines for outdoor power equipment. Its wholly owned subsidiary Briggs & Stratton Power Products Group LLC is North America's number one manufacturer of portable generators and pressure washers, and is a leading designer, manufacturer and marketer of standby generators, along with lawn and garden and turf care through its Simplicity®, Snapper®, Ferris® and Murray® brands. Briggs & Stratton products are designed, manufactured, marketed and serviced in over 100 countries on six continents.

Briggs & Stratton's Commitment to Sustainability

- **Environmental Stewardship:** Engines made today have 75% fewer emissions than those sold before 1995. Manufacturing facilities committed to cutting energy use by 25% in 10 years.
- **Investing in Communities:** Engaged in supporting education, the arts, social welfare and improving the lives of people in our communities.
- **Business Excellence:** Committed to being in business for another 100 years!



FOCUS ON ENERGY



Focus on Energy is Wisconsin utilities' statewide energy efficiency and renewable resource program. Since 2001, the program has worked with eligible Wisconsin residents and businesses to install cost-effective energy efficiency and renewable energy projects. The information, resources and financial incentives they provide help to implement energy saving projects that otherwise would not be completed, or to complete projects sooner than scheduled.

These energy projects: help Wisconsin residents and businesses manage rising energy costs, promote in-state economic development, protect our environment, and control Wisconsin's growing demand for electricity and natural gas.



HUNZINGER CONSTRUCTION COMPANY



Hunzinger Construction Company is a fourth generation experienced construction management, general contracting, and design/build firm that has continuously served the construction industry since 1907. Over the course of their 107-year history, Hunzinger has received numerous awards for outstanding project management, safety, engineering, concrete work, and core values, including: the Marquette University Family Business Excellence Award for Core Values and being recognized as the Employer of Choice for 4 consecutive years by Wisconsin Builder magazine.

Hunzinger has provided Preconstruction and Construction Management services on some of Wisconsin's most notable and challenging projects. Hunzinger's safety record, experience, and highly-trained staff sets their company apart from the competition. Hunzinger prides itself on being a process-driven organization that maintains effective communication with all project team members, while proactively working to find cost effective building solutions.