



East Michigan Association of Energy Engineers

Don't gamble with your Environmental and Energy issues use the skills of an experienced Certified Energy Manager or Business Energy Professional to help you. Contact one of the Board Members for more information.



Meetings Schedule

DATES: Normally, the 2nd Tuesday of February, April, September, and November.

November 8th meeting:

Utility Scale Wind Development 101:

An Overview of the Development Process

The guest speaker is Michael R. Kaplan, Wind Development Engineer with Invenergy LLC. The event will be held at Lawrence Technological University. Event costs/details within newsletter.

February 14th meeting:

(to be announced)

April 10th meeting:

(to be announced)

September 11th meeting:

(to be announced)

MEETING LOCATION:

Alfred Taubman Student Service Center – Room C406 at Lawrence Tech located 100'~ west of the Lodge freeway and on the north side of 10 mile road. The Alfred Taubman Student Service Center is building 13, south of main parking lot C and Management Building. See map for details (<http://www.ltu.edu/map>)

MEETING COST:

FREE for Chapter Members

Guests = \$25

Students/Seniors = \$19

AGENDA:

4:30 p.m. -- Board Meeting (closed session)

5:30 p.m. -- Social Time / Chapter Business

6:00 p.m.-- Dinner

6:15 p.m.—Presentation/Questions

7:15 p.m -- Adjourn (additional Social time available)

High School and College Students and seniors are welcome to attend all EMAEE meetings at a reduced dinner fee of \$19. This invitation will be for all meetings this year. An accurate count is needed for the dinner. Please respond as directed on the attached registration form. Thanks!

GUESTS ARE ALWAYS WELCOME AT OUR MEETINGS



Notes from the President!

As we have learned in the past few months, the wind does like to blow around here. I can tell by the number of fallen branches in my yard. DTE, Consumers Energy and others are putting that wind power to good use by harnessing it and converting it to electricity. On November 8, 2011 the East Michigan Chapter of the Association of Energy Engineers will be discussing wind energy and the effort required to transform the idea of a wind farm into reality. Michael R. Kaplan of Invenergy LLC will be presenting the top of Development of Wind Energy Projects at our November meeting. Mr. Kaplan is part of the development team responsible for developing the 212.8 MW Gratiot County Wind Project located in Gratiot County, Michigan. We will be meeting at Lawrence Technological University at 6pm. Please see www.emae.org for more details.

The EMAEE would like to thank Michael Woznicki of Lumecon for his great presentation on the status of LED lighting solutions. Clearly the future is now with LED. Mr. Woznicki presented the benefits of LED lighting including uniformity, color rendering and importance of L70 for quantifying useful life.

My goal as your Chapter President is to continue to grow the chapter and to make our surrounding business environment more aware of our membership's involvement in Energy and Environmental issues.

See you at the November meeting!

David Everest



September 2011 Meeting Held

September 2011 Meeting Held:

Tuesday, September 13, 2011

Subject: LED Lighting Solutions

By: Michael Woznicki, Lumecon

Summary of presentation:

LED Lighting Solutions: Challenges, Existing Capabilities and Future Directions

Meeting Location:

Alfred Taubman Student Service Center at Lawrence Technological University in Room C406

Meeting Cost:

Free for Chapter Members

Guests = \$25

Students/Seniors = \$19

Agenda:

5:30pm – Social Time / Chapter Business

6:00pm – Dinner

6:30pm – Presentation with questions to follow



Scholarship Applications Needed

Know an outstanding student in college involved in energy related studies? The Association of Energy Engineers Scholarship program is looking for applicants. See www.aecetner.org for more information on scholarship awards. Please submit to the Chapter scholarship chair David Everest or to the National Scholarship Chair.



34th World Energy Engineering Congress – Chicago, IL

The 34th World Energy Engineering Congress (WEEC), held October 12-14, 2011 at Navy Pier in Chicago, was a great success. As the career field of Energy Engineering has continued to grow, the importance and attendance of the WEEC has also increased. Over 1,000 Energy Professionals from North America, South America, Europe, Africa and Asia were represented in Chicago.

As you would expect from the grand-daughter of Jacques Cousteau, Alexandra Cousteau kicked off the congress with a heartfelt presentation on the importance of water conservation. Over the next two and a half days, the Congress included over 100 topical presentations on:

- Energy efficiency and energy management
- Renewable, green and alternative energy
- Combined heat & power / cogeneration/distributed generation
- Smart grid and electric metering innovations
- Integrated building automation and energy management
- Lighting efficiency
- HVAC systems and controls
- Thermal storage and load management
- Boilers and combustion controls
- Geoexchange technologies
- Solar and fuel cell technologies
- Application specific to federal management programs
- Energy services and project financing

T. Boon Pickens wrapped up the conference with a colorful discussion on the changing global landscape of energy supply. He encouraged the support of technologies that limit the US need of oil from the OPEC nations. In addition, he highlighted the impact that hydraulic fracturing (fracking) will have on natural gas supplies and energy markets around the world.

The WEEC is a great event to exchange new ideas and collaborate with peers from North America and around the world. I encourage you to attend the 2011 World Energy Engineering Congress in Atlanta.

Jamie Jankowski, PE, CEM, LEED AP
EMAEE – Vice President



The Battery Show

What: The Battery Show
When: October 25th – 27th, 2011
Where: Suburban Collection Showplace, Novi, MI

The Battery Show is North America’s largest free to attend exhibition for advanced batteries. The exhibition showcases the very latest battery technologies and solutions, ranging from electric vehicle applications to raw material suppliers. Its two-track business and technology conference examines battery market development and opportunities, including how technical advances are likely to impact performance, safety and cost. For more information on The Battery Show or to register, visit www.batteryshow.com.



Bits and Pieces!

We are looking for energy/environmental projects that deserve promotion for results achieved. Tell us your story and we will publish it in our newsletter. If your project is truly notable, we will nominate for a chapter or regional award. Note regional awards get international attention.

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Does your company want attention in the industry? Sponsor one of our meetings or advertise in our newsletter. Contact a Board member for further information.

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The following links are for AEE Member Services: see <http://www.aeevshow.com/classifieds> for job opportunities <http://www.aeecenter.org/Chapters> for reviewing local chapter Web pages. The web at www.aeecenter.org also lists several new on-line courses for your further education or refresher-use.

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On Wednesday, November 9, 2011, WMAEE is honored to have Mr. Kayle Emmerich from Quality Air Service to discuss a product known as the “Aircuity Optinet System”, which has been installed at several Michigan university laboratory facilities to address the effective control and efficient delivery of outdoor air. Registration link: <http://www.acteva.com/booking.cfm?bevaid=224683>



Chapter Officers

President/Scholarships

Name David Everest, Ph.D., CEM
Phone (734) 456-3977
Email david.everest@siemens.com
Term expires 12-31-12

Vice President

Name Jamie Jankowski, PE, CEM, LEED AP
Phone (248) 762-4447
Email jamiej@seworksllc.com
Term expires 12-31-12

Treasurer/Membership

Name Paul Dobry, CEM
Phone (248) 276-6123
Email DobryP@trinityhealth.org
Term Expires 12-31-12

Secretary/Awards

Name Bruce Snyder, CEM
Phone (248) 823-2174
Email bsnyder@ids-troy.com
Term Expires 12-31-11

Website Administration

Name Steven Moore II
Phone (734) 730-8251
Email smooreii@emich.edu

Newsletter Chair

Name Kevin Dunbar, CEM, LEED AP
Phone (586) 524-1892
Email kdunbar@ameresco.com

www.emaee.org