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Presented in
Conjunction with



WEEC

WORLD ENERGY
ENGINEERING
CONGRESS



FEMWorks 2010

Federal Energy Management Workshops

Leadership and skills update training workshops
for today's federal energy managers...

December 8-10, 2010 - Washington Convention Center, Washington, DC



Presented by



Hosted by



Association of Energy Engineers®
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Government Energy Leaders



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FEMWorks 2010

Important energy-saving reasons you should attend



As a new feature of the 33rd WEEC the companion Federal Energy Management Workshops (FEMWorks 2010) program is targeted to the government sector and other energy management professionals. FEMWorks provides the tools to help government agencies reduce their dependence on oil. Professionals from the commercial, institutional, and industrial marketplace can also participate in these sessions. The WEEC is the largest and most prestigious energy efficiency, facilities upgrade, and renewable energy event in the nation, featuring 15 conference tracks, 17 seminars, over 300 speakers, and a huge exposition of the latest products

and services available to the energy industry. This results-oriented program contains the most comprehensive information on the most current energy policy, government energy management, carbon reduction, renewable energy, energy efficiency, combined heat and power, and distributed generation technologies.

WEEC Conference Opening Session: The Age of Energy Transformation

Wednesday, December 8, 2010 / 8:45 - 11:00am

Chair - Kaushik Vyas, Vice President, Business Development, Energy, Environment and Infrastructure Solutions, Science Applications International Corporation (SAIC)



Welcome from Host Sponsor, SAIC
JT Grumski, P.E., Senior Vice President and Business Unit General Manager
Science Applications International Corporation (SAIC)



Welcome from AEE
Albert Thumann, P.E., C.E.M.,
Executive Director
Association of Energy Engineers (AEE)



Hot, Flat, & Crowded
Thomas Friedman, Author and Foreign Affairs Columnist, The New York Times



DoD Energy Programs
Rear Admiral Philip H. Cullom,
Director of Task Force Energy
U.S. Navy

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Government Energy Leaders



Association Energy Leaders



WEEC 2010 is co-located with Ecobuild America (www.aeccecobuild.com) and the 2010 National Institute of Building Sciences Annual Meeting. WEEC attendees will have complimentary cross-over admission to the Ecobuild exhibits in Hall D on Wednesday and Thursday from 10:00 am to 3:00 pm.

FEMWorks Conference Program

Track A: (FEMWorks) Energy Policy

Session A1:
Wednesday, December 8
2:30 - 4:30pm
Recent Legislative Updates & Regulatory Energy Developments
Chair: Matt Miller, Vice President of Government Affairs, Financial Executives International. **Co-Chair:** Edmund Woollen, Senior Vice President, Science Applications International Corp.

Session A2:
Thursday, December 9
9:00 - 11:00 am
The Green Jobs Explosion
Chair: Wendy Brown, Human Resources Manager, Sain Engineering Associates, Inc. **Co-Chair:** Tom Jensen, Practice Leader, Sustainable Solutions, Science Applications International Corp., R.W. Beck

Session A3:
Thursday, December 9
2:30 - 4:30 pm
Perspectives on Energy & Climate Legislation in the 111th Congress
Chair: Brad Penney, Director of Government Relations, Alliance to Save Energy

Session A4:
Friday, December 10
9:00 - 11:00 am
Energy Policy & Legislation
Chair: Timothy Howell, P.E., C.E.M., Principal Energy Engineer, Glenmount Global Solutions

Track B: (FEMWorks) State Government Energy

Session B1:
Wednesday, December 8
2:30 - 4:30pm
Net Zero Buildings in the Federal Sector
Chair: Nick J. Stecky, C.E.M., LEED AP, President, NJS Associates, LLC

Session B2:
Thursday, December 9
9:00 - 11:00 am
Leading by Example: NYC's Energy Management Strategy
Chair: Pat Impollonia, Director of Energy Conservation Planning, NYC Dept. of Citywide Administrative Services

Session B3:
Thursday, December 9
2:30 - 4:30 pm
Energy Audits
Chair: Bernard S. Kemter, C.E.M., C.B.S.T., C.L.E.P., Facility Operations Specialist, Contracting Officer's Rep

Session B4:
Friday, December 10
9:00 - 11:00 am
Educational Facilities
Chair: Ron Marinelli, Director of Facilities/Energy Mgr., Lopatcong School District

Track C: (FEMWorks) Government Energy Mgmt.

Session C1:
Wednesday, December 8
2:30 - 4:30pm
Stimulus Funding
Chair: Chuck Clinton, Senior Advisor & Lead Regional Coordinator, National Association of State Energy Officials

Session C2:
Thursday, December 9
9:00 - 11:00 am
Federal Leadership in High Performance and Sustainable Buildings
Chair: Christopher Abbuehl, C.E.M., D.G.C.P., Director, Renewable Energy, Constellation Energy

Session C3:
Thursday, December 9
2:30 - 4:30 pm
DoD Critical Issues Forum
Chair: Buster G. Barksdale, Jr., C.E.M., C.S.D.P., Senior Vice President, Primary Integration Energy

Session C4:
Friday, December 10
9:00 - 11:00 am
Government Energy Savings Projects
Chair: Steven A. Parker, P.E., C.E.M., Chief Engineer, Energy & Environment Directorate, Pacific Northwest National Laboratory

Track D: (FEMWorks) Government Energy Mgmt.

Session D1:
Wednesday, December 8
2:30 - 4:30pm
Federal Energy Management Implementation
Chair: James E. Woods, C.E.M., C.S.D.P., Vice President, Business Development, Sain Engineering Associates

Session D2:
Thursday, December 9
9:00 - 11:00 am
New Rules, Regulations, & EO's
Chair: Millard E. Carr, P.E., C.E.M., Vice President, Operations, Sain Engineering Associates, Inc.

Session D3:
Thursday, December 9
2:30 - 4:30 pm
Low Cost/No Cost
Chair: Thomas F. Bersson, P.E., LEED AP, Assistant VP - Navy & Marines Account, Science Applications International Corp.

Session D4:
Friday, December 10
9:00 - 11:00 am
Federal Energy Management
Chair: Buster G. Barksdale, Jr., C.E.M., C.S.D.P., Senior Vice President, Primary Integration Energy

WEEC Conference Program

DAY ONE WEDNESDAY DECEMBER 8, 2010

Conference Opening Session: The Age of Energy Transformation 8:45-11:00 am
Luncheon in Exhibit Hall for Conference Attendees 12:00 noon
Exhibits Open 10:00 am - 6:00 pm
Reception 4:00 pm / Banquet 7:00 pm

Wednesday December 8, 2010 - 2:30-4:30 pm

TRACK E Smart Grid- Beyond AMI	TRACK F Energy Basics	TRACK G Energy Management	TRACK H Carbon Reduction	TRACK I Green Buildings	TRACK J High Performance Buildings	TRACK K Industrial Energy Management	TRACK L Industrial Energy Management	TRACK M Superior Energy Performance	TRACK N Renewable Energy	TRACK O Power Generation
Smart Grid Value After AMI	Energy Management 101	Efficient HVAC Systems	Maintaining Credibility in Sustainability	Does the Future of Energy Codes Start with the Outcome?	Meeting Energy Performance Benchmarking Requirements Using ENERGY STAR Portfolio Manager	How We Achieved the ENERGY STAR Challenge for Industry	Energy and Carbon Reduction Success Stories	Engaging Everyone in Energy Management	Financing the Scale Up of Renewable Energy in the U.S.	Financing Renewable Energy Projects

DAY TWO THURSDAY DECEMBER 9, 2010

Luncheon in Exhibit Hall for Conference Attendees 12:00 noon
Exhibits Open 10:00 am - 4:00 pm

Thursday December 9, 2010: 9:00-11:00 am

Legal Implications of the Smart Grid	Energy Management 102	Energy Management	Climate Risk Management Success Stories	Existing Building Commissioning	Greening of Hospitals	Best Practices in Energy Management	Decarbonization of Industrial Processes	Superior Energy Performance for Industry	Wind Energy	Onsite Generation
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Thursday December 9, 2010: 2:30-4:30 pm

Effective Smart Grid Communications	Lighting Controls	Energy Management Case Studies	Carbon Reduction: Programs and Technologies	Green Data Centers	Lighting and Energy Efficient Sustainable Buildings	Creating Sustainable Energy Programs	Best Practices in Compressed Air	New Electrification Technology	Biomass	District Energy
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DAY THREE FRIDAY DECEMBER 10, 2010

Keynote Luncheon for Conference Attendees 11:15 am - 1:30 pm

Friday December 10, 2010: 9:00-11:00 am

Advanced Applications and New Opportunities	Energy Management 103	Energy Management Tools	Carbon Accounting in a Regulatory Landscape	Strategies and Sustainability for Green Buildings	High Performance Buildings	How to Optimize Your Energy Efficiency and ROI in Comm. Industrial Sites	Industrial Energy Management Case Studies	Achieving Optimum Energy Performance	Solar	Alternative Energy
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FEMWorks 2010 Registration Form • Washington Convention Center • Washington, DC

WORLD ENERGY ENGINEERING CONGRESS 2010 WILL BE HELD AT:
Washington Convention Center, Hall A, 801 Mount Vernon Place, NW, Washington, DC

PREREGISTRATION

1. **ONLINE:** For credit card payments only, you may register online at: www.energycongress.com
At check-out enter code: **FEMWorks**
2. **BY MAIL (All Events):** Complete the registration form and return it with check or credit card number, expiration date, and signature to the address indicated. Be sure to indicate all portions of the program you wish to attend.
3. **BY PHONE (All Events):** For credit card payments only, you may register by phone by calling: Conference: (770) 447-5083, Ext. 226 or Seminars: (770) 925-9633
4. **BY FAX (All Events):** If you plan to pay by credit card, you may complete the registration form, including, all necessary credit card information, and transmit a completed registration form to the following FAX number: (770) 447-4354

Federal government agency participants registering by FAX must submit a completed "Request, Authorization, Agreement, and Certification of Training" Form or completed DD1556 forms with completed registration form.

Your completed registration form, along with full payment, should be received no later than November 22, 2010. After that date, plan to register onsite at the Washington Convention Center-Hall A. For questions or further information regarding registration, call: (770) 447-5083 Ext. 226

JOIN THE ASSOCIATION OF ENERGY ENGINEERS AND SAVE ON YOUR REGISTRATION FEES
By completing the form, you can apply for membership in AEE and then qualify to take the member rates on all portions of the program for which you register. Membership benefits include discounts on continuing education programs and books, plus free subscriptions to *Energy Engineering*, *Strategic Planning for Energy and the Environment*, *Energy & Power Management*, and *Energy Insight*.

REGISTRATION CANCELLATION POLICY
Adjusted refund of conference fee (less \$125 service charge) will be made if AEE Registrar is notified in writing on or before November 22, 2010. No refunds after November 22, 2010. Substitutions may be made, but must be received in writing. Should a program be cancelled because of weather, illness, or any other reason, all attendees will be notified as early as possible, and out liability will be limited to the return of the registration fee.

GOVERNMENT AGENCY GROUP DISCOUNT PROGRAM
Government agencies can attend FEMWorks 2010 and the World Energy Engineering Congress 2010 at greatly reduced rates. This discount applies to agencies that purchase two or more conference registrations. *No other discounts apply.* Contact Bill Kent for more details at (770) 447-5083, Ext 217.

GROUP RATES
More than three delegates = \$495 per person

WASHINGTON, DC HOTEL ACCOMMODATIONS
Blocks of rooms have been reserved for WEEC participants at the following hotels. To receive special group rates, when calling the hotels, be sure to mention AEE and the WEEC. Hotels generally fill quickly, and availability after cutoff dates will be very limited, so it is best to reserve your room as early as possible. For an updated list of hotel accommodations, please visit the website at www.energycongress.com/hotels

Renaissance Penn Quarter (1 walking block to Convention Center)
Group rates of \$229 (single/double) per night; block will be held until November 15, 2010
LOCATION: 999 Ninth Street NW, Washington, DC 20001
TO REGISTER BY PHONE: (800) 266-9432
Mention Group Code AEE for room block rates.

Marriot at Metro Center (3 walking blocks to Convention Center)
Group rates at \$209 (single/double) per night; block will be held until November 15, 2010.
LOCATION: 775 12th Street NW, Washington, DC 20005
TO REGISTER BY PHONE: (202) 737-2200 or (800) 939-2510
Mention Group Code Association of Energy Engineers for room block rates.

Grand Hyatt Washington (2 walking blocks to Convention Center)
Group rates at \$259 (single/double) per night; block will be held until November 8, 2010.
LOCATION: 1000 H Street NW, Washington, DC 20001
TO REGISTER BY PHONE: (800) 233-1234
Mention Group Code Association of Energy Engineers for room block rates.

Henley Park Hotel (1.5 walking blocks to Convention Center)
Group rates of \$234 (single/double) per night; block will be held until November 12, 2010
LOCATION: 926 Massachusetts Avenue, Washington, DC 20001
TO REGISTER BY PHONE: (202) 414-0503 or (800) 222-8474
Mention Group Code AEE for room block rates.

Embassy Suites DC Convention Center (2 walking blocks to Convention Center)
Group rates of \$234/\$259 (single/double) per night; block will be held until November 5, 2010.
LOCATION: 900 10th Street NW, Washington, DC 20001
TO REGISTER BY PHONE: (800) 362-2779
Mention Group Code WEEC for special group rates.

Red Roof Inn, Washington DC (4 walking blocks to Convention Center)
Group rates of \$189 (single/double) per night; block will be held until November 15, 2010
LOCATION: 500 H Street NW, Washington, DC 20001
TO REGISTER BY PHONE: (800) 733-7663
Mention Group Code B254WEE for special group rates.

Registration Form

1. Delegate Information (No one under 16 years of age admitted)

Name: Mr. Ms. _____
LAST FIRST MI
Title _____
Name for Badge _____
AEE Member No. (if applicable) _____
(Must be provided if you are already a member and taking member rate)
Company _____
Address _____
City/State/Zip _____
Phone (____) _____ FAX (____) _____
E-mail Address _____

Please complete as part of registration:

1. Type of firm/business (check only one)
 Commercial Institutional Government Consulting Engineer
 Industrial Construction/Architect Utility/Energy Producer
 Manufacturer/Vendor Trade Press Media
2. Occupation/Title (check only one)
 Manager V.P., President, CEO Owner/Developer Plant Eng./Facility Mgr.
 Engineer Consultant Sales/Marketing Educator/Researcher

2. Free Registration: Expo Only / December 8-9, 2010

Check here to preregister for exhibits only. To receive free registration, you must mail or fax this form to reach us no later than **November 22, 2010**. (This saves you the \$40.00 admission at the door.) **Please send "Attn: Dept. EO" or fax to (770) 447-4354.**

3. Free Registration: Special Events

Find out more about the these special events at

www.aeecenter.org/WEEC/specialevents

- Energy Advocacy Training-December 7, 2010 / 8:00-11:00 am / FREE
- FEMP Smart Metering-December 7, 2010 / 9:00 am - 5:00 pm / FREE
- Retrofitting Existing Buildings LEED Workshop-December 7, 2010 / 1:00-3:00 pm / FREE
- New Technologies Breakfast-December 8, 2010 / 8:00-9:00 am / FREE
- CWEEL Energy Policy: Opportunities & Challenges Breakfast-December 9, 2010 / 7:30-9:00 am / FREE
- EPA Portfolio Managers Workshop-December 9, 2010 / 12:30-2:30 pm / FREE
- AEE National Capital Chapter Lunch-December 9, 2010 / 11:30pm
FREE for paid conference attendees / \$20 for non-attendees
- Energy Champion and Energy Savers Workshop-December 9, 2010 / 1:00-2:00 pm / FREE

4. AEE Members Application (Optional)

I wish to become a member of the Association of Energy Engineers in the classification checked below:

- Member-A graduate of an engineering college or university or a registered professional engineer or architect. (Persons who believe they are qualified by experience or related degree may petition for full membership consideration.)
- Affiliate Member-A person interested in the objectives of the Association who does not meet the above criteria to be a full member.

Please choose one of the following AEE Membership categories:

- AEE Membership Only - Dues \$185
 - AEE Membership plus Facility Managers Institute - Dues \$215
 - AEE Membership plus Cogeneration & Distributed Generation Institute - Dues \$215
 - AEE Membership plus Environmental Engineers & Managers Institute - Dues \$215
 - AEE Membership plus Energy Services Marketing Society - Dues \$215
 - AEE Membership plus Alternative & Renewable Energy Development Institute - Dues \$215
 - AEE Membership plus Council on Women in Energy & Environmental Leadership - Dues \$215
- Appropriate membership fee must be included in your total registration payment for your application to be processed and to have the member price applied to WEEC registration.

5. FEMWorks Workshop Program / December 8-10, 2010

Conference registration entitles you to attend any the 15 tracks during 3-day conference. Fee includes AEE Awards Banquet, Dec. 8, Luncheons, Dec. 8-9, Keynote Luncheon, Dec. 10, copy of Proceedings CD, and a pass to the 2-day expo. (Single session serves as opening meeting for all conference tracks.)

Individual Fees: \$ _____

Special V.I.P. Rate - \$595 AEE Members/Government*/Nonprofit
Nonmember Fee - \$695

Note: Price reflects \$300 savings off regular rates.

6. Payment Information

- Select method of payment
- Check enclosed (Payable in U.S. Funds to Association of Energy Engineers)
 - Charge to my credit card (for advance registrations only)
 - American Express VISA MasterCard

Card No. _____

Expiration Date _____

Signature _____

Total Conference, Seminar, & Registration Fees \$ _____
Discount (If Applicable) \$ _____
Membership Fees (Optional) \$ _____
Total Enclosed \$ _____