

CONFERENCE PROGRAM PREVIEW



JUNE 15 - 16, 2010
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Early discount valid for new conference registrations only. AEE membership, seminars, and exhibit fees are excluded. This offer may not be combined with any other offers.

# CONFERENCE OPENING SESSION

Tuesday, June 15, 2010 / 9:15 am - 11:00 am

## Leadership & Strategies for a Powerful Energy Economy

CHAIR: Bob Stolarski, Director, Customer Energy Management, Puget Sound Energy



Welcome from AEE

Albert Thumann, P.E., C.E.M.,  
Executive Director,  
Association of Energy Engineers



Green Power and the  
Smart Grid

Stephen P. Reynolds,  
CEO & President,  
Puget Sound Energy



Microsoft - Conserving Energy, Saving  
Money

Troy Batterberry, Product Unit  
Manager, Energy  
Management & Home  
Automation Division, Microsoft



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the U.S. Economy

Jon Creyts, Principal,  
McKinsey & Company

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# CONFERENCE PROGRAM

Tuesday, June 15 / 2:00pm - 4:00pm

Wednesday, June 16 / 9:00am - 1:00am

Wednesday, June 16 / 2:00pm - 4:00pm

Track 1: Policy & Programs	Track 2: Green & High Performance Buildings	Track 3: Energy Management	Track 4: New Energy Technologies
<b>Session 1A</b>	<b>Session 2A</b>	<b>Session 3A</b>	<b>Session 4A</b>
<b>Carbon Cap &amp; Trade and Playing Under the "New Rules"</b>	<b>New Rules: ASHRAE Standard 189.1 and LEED Updates</b>	<b>Best Operational Practices for Energy Savings</b>	<b>New Technologies Overview</b>
<i>Chair: William Einstein, Manager of Emerging Technologies and Climate Change, Puget Sound Energy</i>	<i>Chair: David Landers, P.E., C.E.M., Supervising Engineer, Energy Efficiency Services, Puget Sound Energy</i>	<i>Chair: Janice Peterson, P.E., LEED AP, Market Manager, Building Operations, Northwest Energy Efficiency Alliance</i>	<i>Chair: Graham Parker, C.E.M., B.E.P., Senior Staff Engineer, Pacific Northwest National Laboratory</i>
<p><b>Carbon Regulation? Is it Coming? What Will it Look Like?</b></p> <p>The likelihood of greenhouse gas emission regulations is increasing, but at what level – federal or state, legislative or regulatory? Many agencies, industry associations and organizations are supporting the adoption of climate change policies, but to date, agreement has not been reached. This panel will feature experts well-versed in the dynamic regulatory and legislative arena who will discuss their thoughts on climate change policies and the impact they could have on the environment, the business community, utilities and the energy industry.</p>	<p><b>ASHRAE Standard 189.1P Overview - Part 1</b> Tom Marseille, Principal, Stantec</p> <p><b>ASHRAE Standard 189.1P Overview - Part 2</b> Don Horn, AIA, LEED AP, Office of Federal High-Performance Green Buildings, GSA Public Buildings Service</p> <p><b>LEED NC Update &amp; Verifying Performance of LEED Certified Buildings</b> Nancy Henderson, Managing Partner, ArchEcology</p> <p><b>LEED Operations &amp; Maintenance for Existing Buildings Overview</b> Jessica Green, Seattle Regional Director, Brightworks</p>	<p><b>Common Opportunities - The Top Four Expensive Energy Problems</b> Jim Volkman, P.E., Principal, Strategic Energy Group</p> <p><b>Packaged Rooftop Units - Improving Performance in the Field</b> Mark Cherniack, Senior Program Manager, New Buildings Institute</p> <p><b>New ASHRAE Guideline for Commissioning Existing Buildings</b> Holly R. Townes, P.E., Senior Energy Management Engineer, Business Energy Management, Puget Sound Energy</p> <p><b>Energy Management Success at J.R. Simplot Corporation</b> Don Sturtevant, Corporate Energy Champion, J.R. Simplot Corporation</p>	<p><b>Live Long and Prosper? - Where do LEDs Make Sense in the Energy Efficient Lighting World?</b> Heidi Steward, LC, Research Engineer, Pacific Northwest National Laboratory</p> <p><b>Crossing the Credibility Divide - Using the Regional Technical Forum to Move New Technologies into Utility Programs</b> Tom Eckman, Manager, Conservation Resources, Northwest Power and Conservation Council</p> <p><b>The Real Lessons and the Real Data and the Real Costs of a Solar PV System - A Case Study</b> Carl Salas, P.E., Founder &amp; Principal, Salas O'Brien Engineers, Inc.</p> <p><b>Northwest Energy Efficiency Technology Assessment: Technologies with Promise</b> Jack W. Zeiger, C.E.M., Energy Engineer, Washington State University Extension Energy Program</p>
<b>Session 1B</b>	<b>Session 2B</b>	<b>Session 3B</b>	<b>Session 4B</b>
<b>Leading Legislation and Programs</b>	<b>Benchmarking Energy Performance - Using EnergyStar Portfolio Manager</b>	<b>Energy Auditing from Walk Through to Investment Grade</b>	<b>Smart Grid &amp; Metering</b>
<i>Chair: Arun Jhaveri, Ph.D., C.S.D.P., Senior Advisor/Consultant, Arun Jhaveri &amp; Associates</i>	<i>Chair: Robert D. Sauchelli, National Program Manager, US EPA Energy Star</i>	<i>Chair: Ronald L. Fues, P.E., LEED AP, Engineering Services Manager, Energy &amp; Facility Solutions, McKinstry Company</i>	<i>Chair: Lee Hall, Smart Grid Program Manager, Bonneville Power Administration</i>
<b>Commitment to Resource Efficiency</b> Leslie A. Solmes, Author, Mill Valley CA	<b>Energy Performance Disclosure, New Requirements for WA, CA and Elsewhere</b> Stan Price, Executive Director, Northwest Energy Efficiency Council	<b>Economical Load Disaggregation Strategies</b> David Landers, P.E., C.E.M., Supervising Engineer, Energy Efficiency Services, Puget Sound Energy	<b>The Pacific Northwest Smart Grid Demonstration Project</b> Don Hammerstrom, Ph.D., Senior Engineer, Pacific Northwest National Laboratory, Battelle Memorial Institute Pacific Northwest Division
<b>Pathways to Greener Cities</b> Peter Garforth, P.E., Principal, Garforth International, LLC	<b>Utility Experience with ENERGY STAR ABS (Invited)</b> Theta Silver-Pell, Program Manager, PG&E Customer Energy Efficiency	<b>Auditing the Audit: How to Minimize Inefficiencies in the Audit Process</b> Daniel M. Addink, C.E.M., Program Manager, McKinstry Company	<b>Avista's Efforts in Smart Grid and AMI Deployment</b> Curt Kirkeby, Smart Grid Lead, Avista Utilities
<b>6th Power Plan of the Northwest Power Planning Council</b> Charlie Grist, Senior Analyst, Northwest Power and Conservation Council	<b>ENERGY STAR: A Customer's Experience - How Does ENERGY STAR Benchmarking Enable the Customer to Better Prioritize and Manage Energy</b> Dave Cone, Resource Conservation Manager, Evergreen Public Schools	<b>Scaling Up Energy Audits: Using Proxy Buildings to Reduce the Time Required to Perform Preliminary Audits of Multiple Facilities</b> Brandon R. Adams, C.E.M., CSBA, Program Manager, McKinstry Company	<b>University of Washington's Campus Smart Grid Deployment</b> John Chapman, Executive Director - Engineering and Operations, University of Washington
<b>Current Status of the Energy-Related Federal Legislation and Programs</b> Arun Jhaveri, Ph.D., C.S.D.P., Senior Advisor/Consultant, Arun Jhaveri & Associates	<b>BOMA Kilowatt Crackdown - A Case Study</b> Dave Nieman, Senior Performance Engineer, MacDonald-Miller Facility Solutions - Seattle	<b>Northwest Trade Ally Network - A Resource for Building Owners and Managers</b> Roger Spring, Director, Trade Ally Network	<b>The Smart Grid Maturity Model</b> Marvin T. Serhan, C.E.M., C.S.D.P., Marv Serhan, LLC
<b>Session 1C</b>	<b>Session 2C</b>	<b>Session 3C</b>	<b>Session 4C</b>
<b>Financing and Incentives for Energy Management</b>	<b>Design &amp; Construction for Energy Performance - West Coast Round Up</b>	<b>Energy Management Success Stories</b>	<b>Data Centers</b>
<i>Chair: Kim Drury, Senior Policy Associate, NW Energy Coalition</i>	<i>Chair: Sam Miller, AIA, LEED AP, Partner, LMN Architects</i>	<i>Chair: Robert Balzar, Director of Conservation Resources Division, Seattle City Light</i>	<i>Chair: Chao Chen, P.E., C.E.M., Supervising Engineer, Business Energy Management, Puget Sound Energy</i>
<p><b>Dr. Shirley Hansen, CEO, Hansen Associates, Inc., will discuss the huge opportunities and potential hazards in preformance contracting before us.</b></p> <p>Low energy prices kept the Northwest performance contracting market from keeping pace with the rest of the country. Conditions have changed. The energy service company (ESCO) industry is growing. A major driver is the model ESCOs offer for combining energy efficiency and renewable energy as we strive for a more sustainable world. Performance contracting has been around for over a hundred years. By trial and error, ESCOs have learned what works and what doesn't! Our region has a great opportunity to learn from others' mistakes.</p>	<p><b>Commercial Building Design of the Future: Implications of the 2030 Challenge</b> Douglas Bors, P.E., President, Sophometrics, Inc. and Lisa Rosenow, Energy Project Manager, Putnam Price Group, Inc./BetterBricks</p> <p><b>Zero Saving Technologies, Why Commissioning is Needed - M&amp;V Case Studies</b> Brad Acker, P.E., Researcher, Integrated Design Lab</p> <p><b>Swedish Medical Center - Issaquah (A Case Study)</b> Dick Moeller, Principal, Cdi Engineers</p> <p><b>Post-Occupancy Evaluation: Tools for Design Teams</b> Alison G. Kwok, Ph.D., AIA, LEED AP, Professor, Department of Architecture, University of Oregon</p>	<p><b>Seattle City Light's Quick Lighting Program</b> Gregory S. Whiting, C.E.M., Manager, Conservation Resources, Seattle City Light</p> <p><b>Olympus America - An Overview of Practical Energy Conservation Measures</b> Pad Kemmanahalli, ASP, CHMM, CFM, CSBA, Senior Manager EHS&amp;F, Olympus America, Inc.</p> <p><b>Refrigeration Savings: The Next Wave of Capacity Control</b> Patrick Johanning, C.E.M., Engineer, Portland Energy Conservation, Inc.</p> <p><b>Intel's Chilled Water Plant Optimization Project</b> Christoph Ostendorp, P.E., C.E.M., Senior Staff Engineer, Intel Corporation</p>	<p><b>Green and Clean: Case Studies for Data Center Air Economization</b> Stephen Fok, P.E., Supervisor, Senior Engineer, Pacific Gas and Electric Company</p> <p><b>Server Virtualization: Capturing Savings</b> Corban Lester, Program Development Manager, Lockheed Martin</p> <p><b>Do You Really Need Double Conversion UPS?</b> Brian Fortenbery, Program Manager, Electric Power Research Institute</p> <p><b>Air Flow Management in Data Center</b> Speaker Invited</p>

# EXPOSITION

Tuesday, June 15 / 10 am - 4 pm  
 Wednesday, June 16 / 10 am - 2 pm

## Exhibitor List as of 2/10/10

ACR Systems  
 AEE Pacific Northwest Chapter  
 AirAdvice  
 AirClean Technologies  
 Airius, LLC / Air Pear  
 Alliance to Save Energy  
 American Gas Magazine  
 Association of Energy Engineers  
 ATS Automation / Alerton / OptiNet  
 Badger Meter, Inc.  
 Benjamin Electric Company  
 Benz Air  
 BetterBricks  
 Bonneville Power Administration  
 Branom Instrument Company  
 Building Commissioning Association  
 Campbell Company Inc.  
 ClimateMaster  
 Columbia Hydronics  
 Compressed Air Best Practices  
 Contractor's Hotline  
 Copper Development Association  
 Crestchic USA  
 Custom Mechanical Solutions, Inc.  
 Cypress Envirosystems  
 Delta Controls  
 Dent Instruments  
 Diesel & Gas Turbine Worldwide  
 Distributed Energy Magazine  
 Electric Energy  
 Electrical News  
 Electrical Solutions  
 E-Mon  
 eSight Energy  
 Evluma  
 EXHAUSTO, Inc.  
 Faronics  
 Flexim Americas Corporation  
 Flow Control Industries, Inc.

Fluke Corporation  
 Geofinity Mfg.  
 Goodman Co., Amana PTAC Sales  
 Graybar Electric Co.  
 Hioki USA  
 Holaday-Parks  
 Honeywell Building Solutions  
 Ice Kube Systems  
 Indoor Environment Connections  
 Ingersoll Rand - Air Solutions  
 International District Energy Association  
 International Ground Source Heat Pump  
 Johansen Mechanical  
 Kaeser Compressors, Inc.  
 King Electrical Mfg Co, Inc.  
 Leviton Manufacturing Co.  
 Light Doctor  
 Logic Beach  
 Lutron Electronics  
 MacDonald-Miller  
 MagnaDrive  
 Maney Publications  
 MaxLite  
 McKinstry  
 Measurlogic, Inc.  
 Mechanical Sales / Armstrong Pump  
 MICONROLS, INC.  
 Multistack  
 National Insulation Association  
 Neptun Light Inc.  
 Noren Products, Inc.  
 North America Power Partners  
 North Coast Electric  
 Northwest Energy Efficiency Council  
 Obvius  
 Onicon Incorporated  
 PLC Multipoint, Inc.

Philips Lighting  
 Pollution Equipment Magazine  
 Precision-Paragon (P2)  
 Proctor Sales Inc.  
 PSF Mechanical  
**Puget Sound Energy - HOST**  
 PumpTech Inc.  
 Recharge Magazine  
 Remote Monitoring Magazine  
 Ripley Lighting Controls  
 SAGE Electrochromics, Inc.  
 Seattle City Light  
 Sensor Switch, Inc.  
 Sentry Switch  
 Smardt, Inc.  
 Snohomish County PUD  
 Spectrum Lighting  
 Sunpark Electronics Corp.  
 Sustainable Facility  
 Tacoma Power  
 Total Reclaim  
 Trane - Ingersoll Rand  
 Turbocor  
 U.S. DOE Industrial Technologies Program  
 Universal Lighting Technologies, Inc.  
 University Mechanical Contractors, Inc.  
 US Combined Heat & Power Association  
 US EPA Energy Star  
 USGBC - Cascadia Chapter  
 Watt Stopper  
 Windpower Monthly

Note: Subject to change without notice

128	WORKSHOP PRESENTATION AREA	229 328	329 428	429 528	529 628	WORKSHOP PRESENTATION AREA	
126		227 326	327 427	427 526	527 626		
122	123 222	221 322	323 422	423 522	523 622	623 722	723
120	121 220	221 320	321 420	421 520	521 620	621 720	721
118			319 418	419 518	519 618	619 718	719
116	117 216	217 316	317 416	417 516	517 616	617 716	717
114	115 214	215 314	315 414	415 514	515 614	615 714	715
110	111 210	211 310	311 410	411 510	511 610	611 710	711
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104					209	704	705
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100	101 200	201 300	301 400				

## FREE EXPO ADMISSION

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Information on Exhibiting at EMC  
 Contact Information: Ashley Clark,  
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 (770) 279-4392 or  
[ashley@aeecenter.org](mailto:ashley@aeecenter.org) or  
 visit [www.aeecenter.org/EMC](http://www.aeecenter.org/EMC)

# SPECIAL EVENTS

## Pacific Northwest Green Showcase



EMC's Pacific Northwest Green showcase, co-presented by U.S. EPA's ENERGY STAR Program, will be a prominent part of the event for 2010. You can examine the latest green, sustainable and environmentally friendly energy technologies now available for both new design and retrofit projects.



## Exhibit Hall Workshop Presentations

Popular exhibit hall workshops have been designed to enhance your learning and allow for an interactive experience. Expo-only visitors, conference attendees, seminar delegates, and any other visitors to the show floor can participate in these sessions for free. See products and services available while hearing case studies, applications, retrofit success stories, and innovative strategies for reducing costs.

## TUESDAY EVENTS

### New Technologies Breakfast

**TUESDAY, June 15 / 8:00 - 9:00AM**

Leviton Manufacturing Co. is pleased to sponsor the New Technologies Breakfast, a concise and informative forum for West Coast EMC attendees to preview the new and innovative products and services on display at the expo. Exhibitors will present 5- to 8- minute presentations on their newest technologies, enabling attendees to quickly map out their time at the show and get a rapid survey of what's new. This is a must-attend event for anyone responsible for providing trip reports or technology summaries for their employer.

Leviton offers the broadest array of lighting energy management solutions and technological advancements, which are the cornerstones to its 100-year history of success in the industry. Be sure to put this event on your schedule and sign up on the registration form. For information on sponsoring or speaking at this breakfast event, contact Jacqueline Fraga by emailing her at [jacqueline@aeecenter.org](mailto:jacqueline@aeecenter.org) or call (770) 279-4390.



Sponsored by:



## WEDNESDAY EVENTS

**Energy Policy: Opportunities and Challenges** - A program for women professionals and women-owned companies

**WEDNESDAY, June 16 / 7:30 - 9:00AM**

Join us for a FREE breakfast at EMC for a round-table discussion with women in the energy and environmental fields and to network with your peers. The meeting is presented by the Council on Women in Energy and Environmental Leadership (CWEEL). CWEEL was founded by Laurie Wiegand-Jackson, President of North America Power Partners and is co-directed by MaryAnne Lauderdale, P.E., Regional Director of Engineering at Lime Energy. This group is established to support the professional development of women in the industry. For information about CWEEL or to register for the breakfast, visit [www.aeecenter.org/CWEELEMC](http://www.aeecenter.org/CWEELEMC), or contact Ruth Whitlock, Executive Administrator at AEE. She can be reached at [whit@aeecenter.org](mailto:whit@aeecenter.org).



# SEMINARS

In addition to the EMC conference, AEE will present a variety of in-depth seminars to meet your training needs (separate fees apply). Visit [www.energyevent.com](http://www.energyevent.com) and click on "Seminars" for more details.

June 14 - 16, 2010

Fundamentals of Energy Auditing (prep: CEA certification)

Fundamentals of Measurement & Verification for Energy Managers & Emission Traders:  
Applying the IPMVP (prep: CMVP certification)

Fundamentals of Power Quality (prep: CPQ certification)

Fundamentals of Renewable Energy: Technologies, Applications & Strategies (prep: RET certification)

June 14 - 17, 2010

CEM Training Course for Government Involved Energy Professionals (prep: CEM certification)

Fundamentals of Carbon Reduction (prep: CRM certification)

West Coast EMC will be held at the Washington State Convention & Trade Center, 800 Convention Place, Seattle, WA

**HOTEL RESERVATIONS**

**Hyatt at Olive 8** - \$215/\$240 (single/double) per night. (206) 695-1234. Deadline: **May 12th**. Refer code AEEI for special group rates.

**Crowne Plaza Seattle** - \$180 per night. (206) 464-1980, Deadline: **May 13th**. Refer to Association of Energy Engineers or West Coast Energy Management Congress for special group rates.

**PREREGISTRATION**

1. **ONLINE:** www.energyevent.com. Enter Coupon Code **EMCEarly** at checkout and discount will be applied.

2. **BY FAX:** FAX number: (770) 447-4354

3. **BY PHONE:** Conference: (770) 447-5083, ext. 224  
Seminars: (770) 925-9633

4. **BY MAIL:** Send to Registrar, Association of Energy Engineers, 4025 Pleasantdale Road, Suite 420, Atlanta, Georgia 30340-4264.

Your completed registration form, along with full payment, should be received no later than **June 4, 2010** (to receive early registration discount). After that date, plan to register onsite at the Convention Center. For questions regarding registration, call: (770) 447-5083, ext. 224.

**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 **June 4, 2010**. Substitutions may be made, but must be received in writing. Should a program be cancelled because of weather, illness, or any other reason, our liability will be limited to the return of the registration fees.

**CORPORATE / GOVERNMENT LEADER GROUP RATES**

Send 3 or more delegates to the conference and save on individual registration fees and also receive recognition as a Corporate or Government Leader. Your logo will appear on signage, onsite materials and the show website.

- GREEN STAR LEADER (25 delegates) - \$10,000
- BLUE STAR LEADER (15 delegates) - \$7,500
- RED STAR LEADER (7 delegates) - \$5,000
- WHITE STAR LEADER (3 delegates) - \$2,500

For more information on the Corporate/Government Leader Program, please contact Bill Kent at bill@aeecenter.org or 770-447-5083 ext. 217

**EMC 2010 CONFERENCE, SEMINARS, AND EXHIBITS REGISTRATION FORM—PHOTO COPIES OF THIS FORM MAY BE USED.**

Federal government employees must include DD1556 forms with registrations. For Special Early Registration Discount, your completed registration form **MUST BE RECEIVED NO LATER THAN June 4, 2010**. After that date, plan to register onsite.

**1—DELEGATE INFORMATION**

Name: \_\_\_\_\_ Title \_\_\_\_\_

AEE Member No.(if applicable) \_\_\_\_\_  
Must be provided if you are a member and taking member rates

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  Eng.  Press/Media  Industrial  Construction  Architect  Utility/Energy Producer  Mfr./Vendor

**2. OCCUPATION/TITLE (Check only one):**

Manager  V.P.  President, CEO  Owner/Developer  Plant Engineer/Facility Mgr.  Engineer  Consultant  Sales/Marketing  Educator/Researcher

**2—Free Registration: EXPO ONLY**

Register me for the expo only. To receive this free registration, mail or fax this form to arrive to us not later than June 4, 2010. (Savings of \$40.00 at-door admission.) Please send "Attn: Dept. EO" or fax to (770) 447-4354.

**3—Free Registration: SPECIAL EVENTS**

**New Technologies Breakfast** Tuesday, June 15 / 8:00am - 9:00am  
 **CWEEL Breakfast** Wednesday, June 16 / 7:30am - 9:00am

**4—CONFERENCE / June 15 & 16, 2010**

Conference registration entitles you to attend any of four conference tracks. Fee includes luncheons on June 15 & 16, copy of proceedings, and exhibit pass. (Single session serves as opening meeting for all conference tracks).

**INDIVIDUAL FEES:**

Member/Government/Non Profit Price—\$795  
Non-Member Fee—\$895

SINGLE DAY FEE: Specify  June 15 or  June 16 - \$450 \$ \_\_\_\_\_

GROUP DISCOUNTS (preregistration only)  
Company Plan (3 or more delegates)  
GREEN STAR LEADER (25 delegates) - \$10,000  
BLUE STAR LEADER (15 delegates) - \$7,500  
RED STAR LEADER (7 delegates) - \$5,000  
WHITE STAR LEADER (3 delegates) - \$2,500

Please fill in the appropriate fee:

\$ \_\_\_\_\_

**5—SEMINARS - Separate Fees**

June 14 - 16, 2010

**Fundamentals of Energy Auditing**

Member/Government/Non Profit Price: \$1,350.00  
Non-Member Price: \$1,450.00

\$ \_\_\_\_\_

**Fundamentals of Measurement & Verification for Energy Managers & Emission Traders: Applying the IPMVP**

Member/Government/Non Profit Price: \$1,250.00  
Non-Member Price: \$1,350.00

\$ \_\_\_\_\_

**Fundamentals of Power Quality**

Member/Government/Non Profit Price: \$1,250.00  
Non-Member Price: \$1,350.00

\$ \_\_\_\_\_

**Fundamentals of Renewable Energy: Technologies, Applications & Strategies**

Member/Government/Non Profit Price: \$1,350.00  
Non-Member Price: \$1,450.00

\$ \_\_\_\_\_

June 14 - 17, 2010

**Fundamentals of Carbon Reduction**

Member/Government/Non Profit Price: \$1,450.00  
Non-Member Price: \$1,550.00

\$ \_\_\_\_\_

**CEM Training Course for Gov't Involved Energy Professionals**

Member/Government/Non Profit Price: \$1,595.00  
Non-Member Price: \$1,795.00

\$ \_\_\_\_\_

\*Note that registering for seminar does not automatically register you for the exam. An additional fee of \$200 is required for the certification application and exam. Visit aeecenter.org/certification for more information.

**6—PAYMENT INFORMATION**

**Total CONFERENCE AND SEMINAR FEES**

DISCOUNT IF APPLICABLE

TOTAL ENCLOSED

( ) Company Check (payable to AEE) or

( ) Credit Card (circle one):

Visa MasterCard Amex

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Card Number

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