

Rocky Mountain Association of Energy Engineers

Monthly Lunch Meeting
May 21, 2015 11:30-1:00



Where: Indian Tree Golf Course
7055 Wadsworth Blvd Arvada

Damon Carson is the visionary founder and President of repurposedMATERIALS with locations in Chicago, Denver, Atlanta, and additional location coming soon. His company has a very unique business model focused on creative re-use – or, “repurposing”.

Carson will explore with attendees new ways to think about waste and byproducts beyond their original purpose. Carson will share his strategies for creative problem-solving and you'll have fun learning the difference between reuse and repurposing.

repurposedMATERIALS is actually Damon's second foray into the waste stream of America albeit with a very different and unique business model. Several years back, he sold a garbage company that he had co-owned in the Colorado ski resorts of Vail and Breckenridge to Waste Management.

To register on line click on [Lunch Registration](#). If you need a vegetarian entrée please click on [vegetarian](#)

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Presidential Wisdom

CEM Class and Exam hosted by RMAEE is planned for **June 25th, 26th, 29th, and 30th** with the exam on **July 1st**. We need at least 20 participants to make it work so **please share the opportunity** with any and all fellow workers, organizations, or complete strangers you meet over the next month.

Local Sign up information:

Please contact Steve Kutska at: stephen.p.kutska@xcelenergy.com if you are interested in signing up. Payment options include check, Visa, and Master Card. Sign up deadline is May 25, 2015. Make Checks payable to **RMAEE**.

Monthly Meetings Info

The April 16th, 2015 meeting was a presentation by Michael Turner - the Energy Efficiency Programs Manager at the Colorado Energy Office. Our sincere thanks to Michael for his excellent update on the programs at the CEO. His presentation will be posted on the website soon.

What's Happening in our Industry

From Industry Newsletters (tidbits from around the industry):

www.theguardian.com/environment/

Scrap fossil fuel subsidies now and bring in carbon tax, says World Bank chief.

Jim Yong Kim calls for five-point plan to deliver low-carbon growth, including removal of incentives to exploit oil, gas and coal

NY Times:

APR. 10, 2015 New York City Mayor Bill de Blasio and federal government announce plan to install over \$100 million worth of alterations and improvements to make city's public housing buildings more energy efficient.

[MORE](#)

Huffington Post:

First, last Monday, Atlanta became the first major Southeast city [to adopt](#) an energy efficiency policy that focuses on tackling building energy use and waste through measures such as benchmarking, transparency, and energy audits.

Second, the unanimous City Council approval of Atlanta's Commercial Buildings Energy Efficiency Ordinance was followed by Portland, Oregon's City Council unanimously approving an [Energy Performance Reporting Policy](#) for buildings over 20,000 square feet.

If you still need convincing that there is a market shift underway, look to the U.S. Congress, which on Tuesday [passed](#) the [Energy Efficiency Improvement Act of 2015](#), a targeted energy efficiency bill that, among other provisions, addresses energy use benchmarking in federal leased buildings.

www.BreakingEnergy.com

Amid widespread attempts to reduce New York's environmental footprint, city officials on Wednesday weighed a City Council bill to reduce light use in many commercial buildings when empty at night. "The environmental considerations are clear: reducing potentially wasteful energy use as part of the city's bid to curb its greenhouse gas emissions.

From AEE (National): <http://www.aeecenter.org/>

Executive Order to Reduce Greenhouse Gases by Forty Percent

Look back at history...in 2010, the Executive Branch began mandatory reporting of its GHG emissions and there was a lot of work prescribed for [CEMs](#) and especially those that had the [CRM certification](#) because some carbon reduction activities can have a 21 times greater impact on GHG savings than energy/CO₂ reduction strategies. Now, the Executive Branch is requiring GHG savings not only for itself **but also for its supply chain**. This is much more challenging than just reporting emissions. Thus, there will be an even greater demand for certified professionals. In addition, the Executive Order requires a greater use of renewable energy, so the [REP certification](#) is also highly applicable. Finally, because this is the federal government (which does a lot of performance contracts), the new [PCF certification](#) will help fund many of the energy/carbon/renewable projects.

On-Demand Seminars

<http://aee.peachnewmedia.com/store/provider/provider09.php>

Welcome to the On Demand Training Center! Here you can select from a variety of On Demand seminars to bolster your knowledge, and earn AEE re-certification credits, CEUs, PDH and prepare for certification programs.

This is also an important reminder to join or renew membership in AEE (National) to maintain your certifications, especially CEM.

Other Resources at AEE:

- **AEE YouTube video channel** - www.youtube.com/aee. Numerous informative videos on a wide range of energy efficiency topics are available here.
- **Upcoming Conferences 2015 –**
 - **Energy Management Congress (EMC) June 3-4, 2015**, Long Beach Convention Center, Long Beach, CA. www.energyevent.com
 - **WORLD ENERGY ENGINEERING CONGRESS (WEEC), September 30-October 2, 2015**
Orlando, FL. <http://www.energycongress.com/>

We always need more members to volunteer to be on the Board, please. Contact any Board member if you are interested.

And please contact any of the Board with suggestions or commentary on how we can improve RMAEE for you.

Sincerely,

Thom W Johnson

RMAEE Chapter President 2015

Membership – It may be time to renew!

- □ RMAEE Membership Fees may be due. The RMAEE annual fee is \$50/person, unless you hold a National AEE membership. For National AEE members the RMAEE annual fee is \$40. Local membership gets you \$10 off the regular lunch meeting price of \$30 through out the year. Fill out the **application (below)** and fax, mail or email to Steve Kutska.
- Annual Corporate Memberships- Improved! An Annual Corporate Membership (ACM) is assigned to the company, thereby allowing any employee of the company to use this “Annual Corporate Membership” to attend RMAEE meetings. Each ACM allows one company employee to attend the meeting. This is different from previous years, when only the assigned employee could use the corporate membership
- Another membership benefit is the password protected member’s corner on the RMAEE website, www.rmaee.org. All available presentations are stored here in PDF form for local members to download. If you are a local member and do not know the password send an email to dan.sachse@xcelenergy.com and the sign on and password will be mailed to your email address.

Stay Connected with the RMAEE!
Visit this award winning website at
<http://www.rmaee.org/>

We’ve added an employment section.

If you would like to post an employment notice please send your listing(s) to
Dan Sachse at dan.sachse@xcelenergy.com.

Rocky Mountain
Association of Energy Engineers
Membership Form

Members may join the local Rocky Mountain Chapter of AEE at any time during the year.

Membership will run for one year from the month you join RMAEE.

Please send the completed form or attach a business card and send along with payment for your membership dues. We have 2 ways to pay – check payable to RMAEE or Credit Card (Master Card or Visa cards only).

Mail payment to:

Steve Kutska

Xcel Energy

1800 Larimer Street

Denver, CO 80202

Stephen.p.kutska@xcelenergy.com

For questions about membership call Steve Kutska at 303 571-7254.

RMAEE Local Membership Dues Form

Please complete this box or simply attach a business card and mail along with your payment.

- ☐ I am an AEE National Member – a check for \$40 is enclosed for Chapter Dues AEE Member
- ☐ I am NOT an AEE National Member – a check for \$50 is enclosed for Chapter Dues
- ☐ Annual Corporate Membership - 220.00 per year allows the company to send one employee to each meeting. This also includes one free lunch meeting.

Name _____

Company _____

Address _____

City, State, Zip _____

Phone _____

Email _____

Credit Card Information ____ Master Card ____ Visa

Card Number _____

Expiration Date _____

Name as it appears on card _____

As a reminder to anyone holding an AEE certification:

Each certified professional is required to obtain Continuing Education Units (CEU) or Professional Development Hours (PDH) each renewal period. AEE does not maintain a record of your continuing education in the interim so you must maintain your own record of continuing education and complete a recertification form at the time of your renewal. A total of 10 renewal credits are required utilizing a combination of the following:

- Employment in energy activities
- Membership in a professional organization
- Office held in professional organization
- Continuing education (courses, seminars)
- Energy conference attendance
- Professional awards or published/presented papers

For more information, examples of how to tabulate credits, and how contact hours (CEUs, PDHs, etc) are converted to AEE credits see

<http://www.aeecenter.org/i4a/pages/index.cfm?pageid=3771>

Association of Energy Engineers

Rocky Mountain Chapter



AEE Certified Energy Manager Seminar and Exam June 25 – July 1, 2015 Sponsored by RMAEE

Location

Greater Metro Denver Area

When

The 5 day Certified Energy Manager Seminar and Exam dates are June 25 - 26 and June 29 – 30 with the exam on July 1. Sessions start at 8 AM and end at 5 PM.

Qualifications

All candidates must submit their CEM Applications to the Association of Energy Engineers AEE (Atlanta GA) and obtain approval to attend the CEM Seminar before May 15, 2015. Please send all questions regarding a student's qualifications to AEE in Atlanta. All caudate applications must be reviewed and approved by AEE in Atlanta GA. **See note 1 below.**

For information on the qualifications and registration please go to the AEE website <http://www.aeecenter.org/i4a/pages/index.cfm?pageid=3351>

Payment

Financial arrangement must be made by May 15, 2015. Checks will not be cashed and Credit cards (VISA and MC only) will not be run until May 22, 2015. All students will be notified on April 7th of their final acceptance in the seminar.

Cancellation Policy

RMAEE reserves the right to cancel the seminar and return all fees collected if a minimum of 20 students have not signed up and paid their tuition fees by close of business May 15, 2015. RMAEE will notify all attendees by close ofa business May 22, 2015 if the seminar has been cancelled.

There will be a 100% cancellation charge for any attendee cancellation after May 22, 2015. A substitution of an attendee will be allowed until June 19, 2015, if for some reason the original attendee cannot attend. To maximize the value of your investment any substitute attendee should meet the Association of Energy Engineers qualifications for CEM certification.

Sign up information

Please contact Steve Kutska at : stephen.p.kutska@xcelenergy.com if you are interested in signing up. Payment options include check, Visa, and Master Card. Sign up deadline is May 15, 2015. Make Checks payable to **RMAEE**.

Seminar Fee:

Attendee per person	\$1,900.00
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Non-Profit Organizations Per person	\$1,800.00
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Send payments to

Xcel Energy

Attn: Steve Kutska

1800 Larimer St.

Denver Colorado 80202

We will accept credit card payments over the phone. Please call Steve Kutska at 303-571-7254

Notes:

1. The application and test fee required by AEE with your application submittal is included in the Seminar prices above. **Please do not pay that fee when you submit your application to AEE.** Please send a note with your application submittal to AEE saying that you are attending the June, 2015 CEM Seminar in Denver which is sponsored by RMAEE.
2. Lunches and refreshments at breaks are included in the seminar fee.
3. Any questions regarding the application or your qualifications, please contact AEE in Atlanta. Any questions regarding the seminar in Denver, please contact Steve Kutska at: stephen.p.kutska@xcelenergy.com or call 303-571-7254

ATTEND THE EXPO... EXPLORE NEW TECHNOLOGIES... SLASH YOUR COSTS... IMPROVE YOUR OPERATIONS!

Wednesday
June 3, 2015
10AM-4PM

Thursday
June 4, 2015
10AM-2PM

**Long Beach
Convention Center
Long Beach, CA
Hall B**



Show Host

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Network with industry
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VIP GUEST OF:

COLORADO / ROCKY MOUNTAIN CHAPTER

**COPIES CAN BE MADE
IF NEEDED.**

EXPO ONLY

To register online, print out additional expo tickets, or for more show information, including workshops, visit: www.energyevent.com

**FOR
EXPO AND
EXHIBIT HALL
WORKSHOPS**

EMC COMPLIMENTARY RAPID EXPO REGISTRATION TICKET

Fax completed ticket to: (770) 447-4354 or mail to: AEE Registrar, 3168 Mercer University Drive, Atlanta, GA 30341 or email to: Connie@aeecenter.org

OPTION 1: Online. To register online and print out additional expo tickets, visit the 33rd WEST COAST EMC show website at www.energyevent.com/FreeExpoPass

OPTION 2: Preregister by Fax, Mail, or Email. Your completed registration card must be received no later than May 22, 2015. Your visitor badge will be emailed to you or you may pick it up onsite at the self-registration desk.

Fax completed ticket to: (770) 447-4354 or mail to: AEE Registrar, 3168 Mercer University Drive, Atlanta, GA 30341 or email to: Connie@aeecenter.org

OPTION 3: Onsite. After May 22, 2015, complete this card and bring it with you to the onsite Expo "Visitor" registration desk located at Convention Center. Your show badge will be prepared for you for free show admission (\$95 value).

NAME _____

LAST

FIRST

MI

TITLE _____

FIRM _____

ADDRESS _____

CITY _____

STATE _____ ZIP _____

PHONE _____ FAX _____

EMAIL _____

No one under 16 years of age admitted.

PLEASE COMPLETE AS PART OF REGISTRATION

1. Type of Firm/Business (check only one):

- | | | |
|--|---|--|
| <input type="checkbox"/> Commercial | <input type="checkbox"/> Government | <input type="checkbox"/> Utility/Energy Producer |
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Consulting Engineer | <input type="checkbox"/> Manufacturer/Vendor |
| <input type="checkbox"/> Institutional | <input type="checkbox"/> Construction/Architect | <input type="checkbox"/> Press/Trade Media |

2. Occupation/Title (check only one):

- | | | |
|--|--|--|
| <input type="checkbox"/> Manager | <input type="checkbox"/> Plant Engineer/Facility Manager | <input type="checkbox"/> Educator/Researcher |
| <input type="checkbox"/> Owner/Developer | <input type="checkbox"/> Energy Engineer/ Energy Manager | <input type="checkbox"/> Architect |
| <input type="checkbox"/> Consultant | <input type="checkbox"/> Vice President, President, CEO | <input type="checkbox"/> Sales/Marketing |

OPTIONAL:

- ☐ Please send me information on exhibiting in next year's show.

Our product/service is: _____

Consider upgrading to attend the conference, seminar, or other show functions. See Website.

For more information on this event or for hotel information, visit

www.energyevent.com

For more information on AEE and its programs, visit www.aeecenter.org



The Association of Energy Engineers (AEE) invites you to attend a Professional Training Seminar held in conjunction with the [West Coast Energy Management Congress \(EMC\) June 3-4, 2015 in Long Beach, CA](#). Use code **chapter100** at check out to receive \$100 off your seminar registration.*

Click the appropriate link below for details and registration info for each seminar:

- [Effective Performance Contracting and Project Funding \(PCF prep\)](#)
- [Fundamentals of Water Efficiency: Strategies for Effective Water Management \(CWEP prep\)](#)
- [Basics of Distributed Generation and Onsite CHP \(DGCP prep\)](#)
- [Fundamentals of Energy Auditing \(CEA prep\)](#)
- [Fundamentals of Measurement & Verification: Applying the IPMVP \(CMVP prep\)](#)
- [Fundamentals of Renewable Energy: Technologies, Applications, Strategies \(REP prep\)](#)
- [Comprehensive 5-Day Training Program for Business Energy Professionals \(BEP prep\)](#)

Please feel free to contact AEE Seminar Registration Support if you have any questions about the seminar or the registration process:

Terese Lavallee
AEE Seminar Support
770.925.9633
terese@aeecenter.org

33rd West Coast Energy Management Congress (EMC)

Hosted by: Southern California Edison (SCE)

June 3-4, 2015 – Long Beach, CA – Long Beach Convention Center

www.energyevent.com

The West Coast Energy Management Congress (EMC) is the largest energy conference and technology expo held on the U.S. West Coast specifically for business, industrial and institutional energy users. It brings together the top experts in all areas of the field to help you set a clear, optimum path to energy efficiency, facility optimization and sustainability, as well as innovation solutions to improve your ROI.

You can explore promising new technologies, compare energy supply and alternative energy options, and learn about innovative project implementation strategies.

Please see the attached free expo pass to attend the expo.

We look forward to seeing you in Long Beach!

** Does not apply to prior sales, no price adjusts will be made and this offer may not be combined with any other discount offer or coupon code. AEE Members will receive this discount off of their already discounted member price.*

Colorado Energy Events

If you know of other upcoming events that should be listed in this calendar, please contact Dan Sachse at dan.sachse@xcelenergy.com

Organization	Event	Location	Date	Contact
RMAEE	Monthly Lunch Meeting	Indian Tree Golf Course	May 21, 2015	http://www.rmaee.org/
Metro Denver EDC – Colorado Energy Coalition	Colorado Energy Expo	Sports Authority Field at Mile High	May 13, 2015	http://coloradocleantech.com
AEE	Energy Management Congress	Long Beach, CA Long Beach Convention Center	June 3-4, 2015	http://www.energyevent.com/

Colorado Governor's Energy Office:
<http://www.colorado.gov/energy/>

ASHRAE
<http://www.ashrae.org/>

Rocky Mountain Electric League
<http://www.rmel.org/>

IEEE
<http://www.ieee.org/portal/site>

Colorado Renewable Energy Society –
<http://www.cres-energy.org/events>

Solar Energy International -
<http://www.solarenegy.org/worksho>

STATE OF COLORADO

invites applications for the position of: CDOC/Engineer-in-Training II

This position is open only to Colorado state residents.

CLASS TITLE: ENGINEER-IN-TRAINING II

LOCATION: Colorado Springs, Colorado

PRIMARY PHYSICAL WORK ADDRESS: CDOC Central Office 2862 South Circle Drive Colorado Springs, CO 80906

OPENING DATE: 04/21/15

CLOSING DATE: 05/18/15 04:00 PM

JOB TYPE: Full Time

[Click Here For More Information](#)