

# Rocky Mountain Association of Energy Engineers

**16<sup>th</sup> Annual Energy Forum**  
**October 22, 2015 8:30-4p**



Where: Denver Police Protective Association  
(PPA) Event Center  
2105 Decatur St. Denver, CO 80211

Keynote. Ron Binz, former PUC chair and visionary leader towards the Grid 2.0, will discuss policy developments impacting energy generation, consumption, and transmission.

A listing of all speakers and topics is on page 7-8

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

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CSU is looking for an Associate Vice President, Facilities Management. Applications close October 27, 2015. Please click on <https://jobs.colostate.edu/postings/18476> for more information.

## RMAEE Board of Directors

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303-489-2774

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Open

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303-571-7254

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# Presidential Wisdom

## What's Happening in our Industry!

From Industry Newsletters (tidbits from around the industry):

Renewable Energy World:

Beyond Utility 2.0: Part 1 "A Prelude to the Future" – an interesting and timely article just prior to the Energy Forum and follows nicely our September monthly meeting data: <http://fw.to/yDx2fcF> This link leads to first part of 4-part serial.

AEE Newsletters and Links:

Data Center Efficiency: 40% Improvement Through Best Practices - U.S. data centers consume about 100 billion kilowatt-hours of electricity, representing more than 2% of all U.S. electricity use according to U.S. Department of Energy (DOE) estimates. [http://www.energyvortex.com/pages/headlinedetails.cfm?id=7488&utm\\_source=iContact&utm\\_medium=email&utm\\_campaign=AEE-%20Energy,%20Power,%20Facilities%20Newsletter&utm\\_content=AEE+Energy+Newsletter#sthash.eqx1yrlw.dpuf](http://www.energyvortex.com/pages/headlinedetails.cfm?id=7488&utm_source=iContact&utm_medium=email&utm_campaign=AEE-%20Energy,%20Power,%20Facilities%20Newsletter&utm_content=AEE+Energy+Newsletter#sthash.eqx1yrlw.dpuf) :

Energy Management Jobs Report for 2015 - See more at: <http://www.aeecenter.org/files/reports/2015EnergyManagementJobs.pdf>

Other sources of EE/RE Information: Efficiency of LED's Jumps Nearly 50% Since 2012 - <http://www.dailyenergyreport.com/efficiency-of-leds-jumps-nearly-50-since-2012/>  
From AEE (National): <http://www.aeecenter.org/>

## Upcoming Conferences 2015 &16 –

- 27th GLOBALCON 2016 - Energy, Power, and Facility Management Strategies and Technologies: March 9-10, 2016 Hynes Convention Center, Boston, MA \* Hosted By: National Grid [www.aeeprograms.com/globalcon](http://www.aeeprograms.com/globalcon) Ashley Clark, Exhibit Manager 770-279-4392 / [Ashley@aeecenter.org](mailto:Ashley@aeecenter.org)

- 34th West Coast Energy Management Congress: May 25-26, 2016 Washington State Convention Center, Seattle, WA \* Hosted By: Puget Sound Energy

[www.aeeprograms.com/emc](http://www.aeeprograms.com/emc) Ashley Clark, Exhibit Manager 770-279-4392 /  
Ashley@aeecenter.org

- 3 9th World Energy Engineering Congress: September 21-22, 2016 Washington  
Convention Center, Washington, DC \* Featuring FedEnergy Works  
[www.aeeprograms.com/weec](http://www.aeeprograms.com/weec) Ted Kurklis, Exhibit Manager 770-271-7869 /  
ted@aeecenter.org

### Monthly Meetings Info

We started the 2015/16 year of RMAEE Meetings and events with a Lunch Meeting  
September 17th, 2015 - Indian Tree Golf Club, 7055 Wadsworth Blvd, Arvada. We  
appreciate the presentation by David Mooney of DOE on the state of renewable energy  
globally and how that relates to Colorado's industry. His presentation is now on the  
website for local members to access. Thanks again to Dr. Mooney.

Put on your calendars – 16th Annual Energy Forum is October 22, 2015 at Denver Police  
Protective Association (PPA) Event Center, 2105 Decatur St. Denver, CO 80211

(General area is I-25 and Speer)

Former PUC Chairman Ron Binz has agreed to be our keynote speaker and this is a great  
one day conference.

Please note the Chapter has 4 students that received AEE Scholarships that will be at the  
Forum.

As always, we 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](http://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](mailto: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](mailto: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](mailto: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>

# Rocky Mountain Association of Energy Engineers

## “Policies and Solutions Shaping Our Energy Future”

16th Annual Energy Forum  
October 22nd, 2015  
8:30 AM to 4:00 PM

Denver Police Protective Association (PPA) Event Center  
2105 Decatur St. Denver, CO 80211  
General area is I-25 and Speer  
<http://www.rmaee.org/>

Participants will receive 6 Continuing Education Hours. Lunch and continental breakfast are included with paid admission of \$65 for RMAEE members and \$85 for nonmembers. This price ends at midnight October 20th. At the door registrations - the prices increase \$10 each. Students with Valid ID will be admitted for free.

Free parking is available in the lot across the street from the PPA venue.

Continental Breakfast and Registration Opens at 7:30 AM. Conference and speakers start at 8:30 AM.

Preliminary agenda (speakers and order of presentations subject to change)

EPA’s Clean Power Plan - William Allison (Air Pollution Control Division Director) will present on Colorado’s possible responses to the EPA’s 111d Clean Power Plan rule and how to engage in that effort.

ESCO Case Studies Session - Key stakeholders (such as client and ESCO representatives) will present case studies that demonstrate ways of overcoming challenges and successes in using the ESCO model to implement energy efficiency projects in Colorado.

Net Zero Energy Projects in Army Facilities - This presentation will highlight work done by the National Renewable Energy Lab (NREL) and the Army to advance net zero energy at Army facilities.

Colorado State University Solar PV Case Study - Carol Dollard will discuss financing, installation, and results of this solar array at CSU.

Lunch

Keynote - Ron Binz, former PUC chair and visionary leader towards the Grid 2.0, will discuss policy developments and new technologies impacting energy generation, consumption, and transmission.

Energy Efficiency in Agriculture - Sam Anderson of the Colorado Dept. of Agricultural will talk about funding sources and various programs, including small hydro, available to promote energy efficiency and energy production in the ag sector.

Commercial Property Assessed Clean Energy (CPACE) - Paul Scharfenberger, CPACE Program Manager for the Colorado Energy Office (CEO), will provide an overview of this program to provide financing for energy efficiency in Colorado's commercial building stock.

Investor Confidence Project - Tracy Phillips will discuss the various ICP protocols, how they are being implemented on Colorado projects, and how these protocols may interact with initiatives such as CPACE.

DC Microgrids - John Phelan is the Energy Services Manager for Fort Collins Utilities, leading the team that provides energy efficiency, conservation, demand response and renewable energy services will discuss the new Utilities facility in Ft Collins including the use of a DC microgrid.



# 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](mailto:dan.sachse@xcelenergy.com)

Organization	Event	Location	Date	Contact
RMAEE	Policies and Solutions Shaping Our Energy Future	Denver Police Protective Association Event Center	October 22, 2015	<a href="#">Register Here</a>
Society of Petroleum Engineers	Colorado School of Mines   Annual Energy Outlook 2015, Adam Sieminski	Colorado School of Mines - CTLM Building	October 29, 2015	<a href="http://energyeventscs.com/event-detail.cfm?id=287#sthash.Fhi3DrPX.dpuf">http://energyeventscs.com/event-detail.cfm?id=287#sthash.Fhi3DrPX.dpuf</a>

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.solarenergy.org/worksho>

## Position Available:

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