

# RCM NEWS

## RCM News for June 2016

A newsletter for Resource Conservation Managers in the Northwest

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*While every URL in RCM News is checked for accuracy prior to distribution, URLs may change, and servers may temporarily fail to connect to working URLs.*

### HVAC

Dedicated outside air systems (DOAS) are an economic way to provide clean, comfortable air to a building's interior, as described by Carl Weinschenk in "[DOAS: A New Approach to HVAC](#)" in the June 14, 2016 online issue of *Energy Manager Today*. DOAS works separately from the heating and cooling elements of an HVAC system. Controlling humidity levels with the constant air volume of DOAS has many advantages, and DOAS is increasingly being implemented in commercial HVAC in part because of higher standards from the U.S. Department of Energy.

### LEED

Green Existing Buildings, a two-part article in the June 2016 issue of *Building Operating Management*, written by Greg Zimmerman, Executive Editor, highlights the changes in the LEED v4 Operations and Maintenance rating system. This version is more rigorous and less redundant than LEED 2009, which sunsets October 31, 2016, and the new version requires an Establishment and a Performance part for each credit. The Materials and Resources program has many changes, including using life-cycle assessment and analysis. LEED v4 continues requiring buildings to recertify every five years.

Part 1: [5 Things You Need To Know About LEED v4](#)

Part 2: [Product Selection, Energy Jumpstart, Recertification in LEED v4](#)

### Lighting Controls

Controlling the type of lights and how they are controlled is the focus of "[Taking Control with Lighting Controls](#)", written by Carl Weinschenk for the June 21, 2016 online version of *Energy Manager Today*. A vacancy sensor saves more energy than an occupancy sensor because it doesn't turn on automatically when a person enters the room. When considering wireless controls, make sure they will work for your particular situation, and how managers want to use the system.

## Net Zero Energy

[“Net Zero Energy”](#), published in the May 2016 online issue of *Business Energy Magazine*, written by Lyn Corum, profiles three organizations which have designed and built net zero energy buildings. The three are part of a longer list in the “Zero Net Energy Building Controls” report published by Continental Association of Buildings Automation. A federal building in Colorado, high-profile foundation in California, and Lane Community College in Oregon, demonstrate the importance of controls and sensors in getting to net zero or net zero ready.

## Utility Rebates

A two-part article on utility rebates in the June 2016 issue of *Building Operating Management*, written by David Lewellen, points out the importance of doing your homework when applying for energy upgrade incentives. Filling out paperwork accurately and applying early are important, as well as talking with the utility to get pre-approval in some cases. Rebates are not a certainty, and that needs to be taken into account when it is necessary to go ahead with a project.

Part 1: [How To Make A Better Case For Energy Upgrades With Utility Rebates](#)

Part 2: [How To Cut Risk In Getting Utility Rebates](#)

## Upcoming Events & Training Opportunities

### ENERGY STAR® and Portfolio Manager® Trainings

All are online webinars.

- Submetering for Higher Education Campuses – July 6
- Just Add Water: Incorporating Water Efficiency – July 12
- Portfolio Manager 101 – July 19
- Portfolio Manager 201 – July 20
- Portfolio Manager 301 – July 21
- Benchmarking Water/Wastewater Treatment Facilities – July 28
- Ask the Expert – Every Wednesday at 9:00 AM Pacific time

[Click here for more webinars and information](#)

US EPA

### Energy Management Certificate

**The Bootcamp has been cancelled. Please sign up next summer!**

NWEEI

### 2016 Oregon APEM Summer Social

This event is primarily for networking, but there will be a short presentation focusing on Energy Efficiency in Indoor Agriculture.

- August 11 in Portland

[Click here for more information](#)

Oregon Association of Professional Energy Managers

### Building Operators Certification

BOC Level I certification is 74 hours of training and project work in building systems maintenance. Level II certification is 61 hours of training and elective coursework in equipment troubleshooting and maintenance. Classes usually meet one or two full days a month over a period of four to six months.

*All dates below are for the first class.*

- Washington State
  - Level I – Aug 30, 2016 in Moses Lake
  - Level I – Sept 28, 2016 in Renton
  - Level I – 2017 in Silverdale
  - Level II – Sept 27, 2016 in Tacoma

[Click for BOC Washington State information](#)
- Oregon
  - Level I – Oct 5, 2016 in Tigard/Portland

[Click for BOC Oregon information](#)

*Building Operators Certification*

## Resources for You

### Seasonal Building Tips

Building Operator Certification reminds you that the beginning of summer is a good time to check your schedules, your economizer, and perform routine maintenance such as replacing dirty air filters, and cleaning other HVAC parts. When schools and other workplaces have no occupants for a stretch of time, check that your [HVAC and other systems are not needlessly working](#),

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### Do you have newsletters, websites and links to share? Do you have RCM questions?

RCM News is always looking for interesting information, tips and resources to share with other resource conservation managers. Our goal is to increase your success by sharing what you and your colleagues are doing – with energy efficiency measures, problem-solving, communication, data tracking, presentations, and more. In addition, WSU Energy Program can help find solutions to your RCM program’s technical and programmatic questions. [Email Karen](#) to share and ask!

### Washington RCM Support

The Washington State University Energy Program provides RCM support. Check out the “RCMx” website: <http://www.energy.wsu.edu/PublicFacilitiesSupport/ResourceConservation/RCMx.aspx>. We appreciate any feedback on this site and would also appreciate items to add to our resources, such as tools, examples of policies and job descriptions.

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Previous issues of RCM News may be viewed at <http://www.energy.wsu.edu/PublicationsandTools.aspx> (click on Resource Conservation in the right hand column).

We welcome comments or ideas for articles. Please send to Karen Janowitz - [janowitzk@energy.wsu.edu](mailto:janowitzk@energy.wsu.edu)

