

# RCM NEWS

## RCM News for November 2017

### 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.*

*Remember to prepare for winter holidays when your buildings are unoccupied. BetterBricks, by NEEA, has a [tip sheet](#) to prepare for the season, save energy, and avoid complaints.*

### Behavior Change

The Behavior, Energy & Climate Change Conference was held this year on October 15-18, 2017 in Sacramento, CA. A [program agenda](#) with links to individual presentations is available for viewing. The links to the two presentations below were part of the October 17 Concurrent Sessions 5D – Spotlight on Efficiency in Schools and Hospitals. They are informative even without an audio recording.

- [“Teacher knows best? Balancing energy savings, air quality, and comfort in California’s schools.”](#) presented by Sarah Outcault at UC Davis Western Cooling Efficiency Center. Don’t let the focus on California schools keep you from viewing the presentation – it’s appropriate for all schools.
- The presentation by Signo Uddenberg at MKThink, [“Do I turn the lights on or not?”](#) focuses on lighting quality, sensors, and what the sensor results indicate about light usage in different college classrooms.

### Occupant Behavior

[“Oh behave! Survey stories and lessons learned from building occupants in high-performance buildings”](#) is a research article written by Julia Day and William O’Brien and published in Energy

Research & Social Science, Volume 31, September 2017, Pages 11-20. Stories from seven occupant behavior and energy study surveys reveal how occupant behavior may affect energy use in a way not considered by building designers. The purpose of this article is to illustrate the research methodologies used to collect the stories, and how the stories may be interpreted for buildings design and control improvements. The studies include many stories such as motion sensors installed in the wrong locations and occupant discomfort due to lack of communication.

## Upcoming Events & Training Opportunities

### ENERGY STAR® and Portfolio Manager® Trainings

All are online webinars.

- Portfolio Manager 101 – Dec 7
- Energy Rules – Closing the Circle between Design & Operations – Dec 13
- Portfolio Manager 201 – Dec 19
- Portfolio Manager 301 – Dec 21
- Ask the Expert – Every Wednesday at 9:00 AM Pacific time

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

*US EPA*

### 2017 Oregon APEM Winter Forum: Watt's The Skinny On Lighting These Days?

Topics include how the lighting industry is evolving, the Internet of Things, integrated lighting controls, and LED technology advancements.

- December 8, 2017 in Vancouver

[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 classes
    - March 2018 in Seattle
    - Sept 2018 in Renton
- Oregon
  - Stay tuned for upcoming classes

[Click for BOC Washington State information](#)

[Click for BOC Oregon information](#)

*Building Operators Certification*

## Resources for You

### Two-year College Degree

Lane Community College (LCC) Energy Management Technician Program, which is the national model for energy efficiency education, is now offering an online degree. The two-year degree program includes online courses in addition to providing hands-on skills with “real world” field projects and cultivating employment opportunities with regional employers. Applications for the expanded online Energy Management Technician Program are currently being accepted for Fall 2017 enrollment at [www.lanecce.edu/nweei](http://www.lanecce.edu/nweei). For more information, contact Roger Ebbage, Coordinator, Energy and Water Education Programs, Lane Community College, 541-463-6160, [ebbager@lanecce.edu](mailto:ebbager@lanecce.edu).

### Zero Energy Resources

Check out the [Zero Energy Resource Hub](#) from the New Buildings Institute to find examples of zero energy policies and programs, technical studies, and school resources.

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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)

