

RCM NEWS

RCM News for October 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.

ENERGY STAR®

EPA has extended the deadline for [applying](#) for 2017 ENERGY STAR® certification. The new deadline for application submittal is Friday, December 15, 2017. The deadline was extended to help those impacted by this year's hurricanes. Applications received by December 15, which do not need follow-up or changes, will receive 2017 certification if approved. Applications received after December 15 may receive 2018 certification.

Cost-free ENERGY STAR® certifications are now available, albeit in limited numbers, for public sector and non-profit agencies. Over 100 licensed professionals (LP) have volunteered to offer one or more verifications at no charge. Use the [LP Finder](#) and filter for "Cost-Free Verification Offered". Arrangements are made directly between the LP and the agency.

Lighting

A three-part article on Lighting, written by Rita Tatum for the October 2017 issue of *Building Operating Management*, focuses on energy savings and occupant comfort from daylight harvesting systems for buildings. Networked lighting controls can maintain a defined lighting level by reducing LED lighting when daylight levels increase.

Part 1 – [Improvement to Daylight Harvesting Technology Yields Energy Savings](#)

Part 2 – [LEDs and Other New Tech Complement Advanced Daylight Harvesting Systems](#)

Part 3 – [Lighting Retrofit Focuses On Daylight, Energy Efficiency](#)

Another three-part article on Lighting, this one in the October 2017 *Facility Maintenance Decisions Magazine*, written by Craig DiLouie, focuses on the replacement of linear fluorescents and high-intensity discharge lamps with LEDs, and their compatibility with controls. Both Tubular LEDs and LED HID replacement lamps are practical when budgeting is tight and for spot lamp replacements. Lamps within each category have different installation needs, for example whether the existing ballast can be used or a bypass is necessary.

Part 1 – [Lighting Controls: Advances in LED Technology](#)

Part 2 – [Lighting Controls: When to Use TLED Lamps](#)

Part 3 – [Lighting Controls: Specifying Control Systems Based on Facility Needs](#)

Rooftop Unit Incentives

The [Energy Trust of Oregon](#) is offering new cash incentives for qualifying business customers of NW Natural in Washington State. Businesses must use rates 3, 41, and/or 42. While most incentives are for Multifamily buildings, there is a \$29/ton unit incentive for new rooftop units with advanced controls with demand control ventilation.

Water Efficiency

A three-part article in *Building Operating Management* on Water Efficiency, written by Rita Tatum and published in the October 2017 issue, suggests ten ways to reduce water use in buildings, especially if easy fixes such as installing low-flow fixtures have already been implemented. Dramatic increases in water rates across the country make water conservation even more of an imperative. Enlist occupants to report water leaks, make sure equipment is not using more than its share of water, and conduct water audits. Irrigation systems offer a large range of options, and water metering/submetering is important.

Part 1 – [10 Steps To Advanced Water Efficiency](#)

Part 2 – [INFOGRAPHIC: HVAC's Impact on Water Use](#)

Part 3 – [Alliance for Water Stewardship Standard Can Aid Water Efficiency Efforts](#)

Upcoming Events & Training Opportunities

NW Clean & Affordable Energy Conference

- Nov 2 in Seattle

[Click here for more information](#)

NW Energy Coalition

Washington's Energy Future Conference

Not necessarily appropriate for RCMs, yet possibly worth exploring.

- Nov 6 in Tacoma

[Click here for more information](#)

Northwest Environmental Business Council

ENERGY STAR® and Portfolio Manager® Trainings

All are online webinars.

- Portfolio Manager 101 – Nov 7
- Seeking Savings Indoors and Outdoors with WaterSense – Nov 8
- 10-minutes takes from ENERGY STAR partners – Nov 14
- Portfolio Manager 201 – Nov 21
- Portfolio Manager 301 – Nov 28
- Ask the Expert – Every Wednesday at 9:00 AM Pacific time

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

US EPA

Better Buildings Webinars

- 2 for 1: Energy Efficiency and Water Savings are a Combo Deal – Nov 7 webinar

[Click here for information](#)

U.S. Department of Energy

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. For more information, contact Roger Ebbage, Coordinator, Energy and Water Education Programs, Lane Community College, 541-463-6160, ebbager@lanecce.edu.

Daylight Savings Time

Daylight Savings Time ends the first weekend of November, bringing with it the need for more lighting later in the day as we inch toward the winter solstice. Now is a great time to take care of that lighting retrofit or maintenance project. Chances are, your utility offers lighting incentives.

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

