

RCM NEWS

RCM News for March 2018

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.

Win a Scholarship to the 2018 Energy/Facilities Connections Conference!

Washington State public sector RCMs and Energy Managers may enter a contest to win a free registration to attend the [May 8-10, 2018 Energy/Facilities Connections Conference](#), held in Leavenworth. Contest submissions are due April 2, 2018 by 5:00 PM. Visit the [WSU RCM webpage](#) to download contest details.

Data Loggers

[“Using Data Loggers to Verify Boiler Hot Water Reset”](#), published March 22, 2018 for the *Smart Buildings Center*, a project of NEEC, describes how lowering the supply water temperature of boilers can save energy. A nearly five-page technical document, accessed through a link in the article, describes step-by-step how to use data loggers to verify the performance of the hot water reset control.

Energy Meters

Energy meters and energy monitoring systems are not just used to track energy consumption, according to [“Embracing Energy Metering”](#), written by Dan Rafter and appearing in the January-February 2018 issue of *Distributed Energy*. In addition to helping identify ways to reduce energy consumption, energy meters can help monitor the health of equipment. Advanced meters can be integrated into a building’s automation system, as well.

ENERGY STAR® Changes

Changes to ENERGY STAR® ratings are the topic of a two-part article written by Josh Richards for the March 2018 issue of *Building Operating Management*. The updated Commercial Buildings Energy Consumption Survey (CBECS), which provides energy statistics from a sampling of commercial buildings nationwide, is due out later in 2018. Individual buildings using Portfolio Manager are given ENERGY STAR® scores by comparing their energy-performance with models based on the CBECS survey. As there are most likely many more energy efficient buildings in the 2018 CBECS than in the last survey published in 2012, some buildings, especially those with a 75-80 score, may lose ENERGY STAR® certification.

Part 1 – [Are You At Risk For Losing Your Energy Star Certification?](#)

Part 2 – [Stay the Energy Conservation Course](#)

Linear Fluorescents

“[Relamping Gone Wrong: New Standards Could Impact Your Replacement Plans](#)”, by Janelle Penny, appearing in the 3/21/2018 issue of *Buildings Magazine*, offers alternative solutions to the 32 watt linear fluorescent T8 bulb that is no longer manufactured. Options include switching to LEDs (the most energy efficient), switching to fluorescents, or stockpiling the noncompliant lamps.

New Building Commissioning

A two-part article on Commissioning in the March 2018 issue of *Building Operating Management*, written by Buddy Bishop and David Cantrill, lists some of the most common mistakes that occur during the design and construction phases of buildings. Knowing about these common mistakes can make the commissioning process be more effective, as well as providing quicker payback when the issues are resolved.

Part 1 – [10 Most Common Building Design Phase Mistakes](#)

Part 2 – [10 Most Common Building Construction Phase Mistakes](#)

Upcoming Events & Training Opportunities

Better Buildings Webinars

- Taking Control: Best Practices in Energy Data Management and Tools for Success – April 3
- Financing 2.0: Navigating 3rd Party Financing for Efficiency and Renewables – May 1

[Click here for more information](#)

Better Buildings, U.S.DOE

ENERGY STAR® and Portfolio Manager® Trainings

All are online webinars.

- Portfolio Manager 101 – Apr 3
- Portfolio Manager 201 – Apr 10
- Background on BOMA’s Water and Waste Challenge – Apr 12
- Portfolio Manager 301 – Apr 17
- Preparing for EPA’s ENERGY STAR metric updates – Apr 26
- Ask the Expert – Most Wednesday at 9:00 AM Pacific time

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

US EPA

Energy Star offline

Energy Star will be offline for maintenance from 8:00 pm EDT Friday, April 6 to 11:59 pm Sunday April 8 www.energystar.gov/buildingshelp.

Building Operator Certification Technical Webinar Series

- Top 5 Strategies for Indoor Air Quality and Energy Efficiency – April 19
- Lighting Controls – Top 5 Things to Know – May 22

[Click here for more information](#)

Building Operators Certification

Northwest Facilities Expo and Conference

Conference sessions include Tunable LED Lighting for Better Morale and Productivity, Rainwater Harvesting and Water Reuse for Facilities, and Building Tune-ups and Commissioning

- April 18 & 19 in Portland

[Click here for more information](#)

NW Energy Coalition

Making Energy Efficiency a Reality

This free ASHRAE webcast focuses on achieving deep efficiency goals through strategies and policies.

- April 19 webcast

[Click here for information](#)

ASHRAE

Energy/Facilities Connections Conference

An agenda preview (subject to change) is now available for this 14th annual conference (Click on “Agenda” in the link below). This year’s theme is “A Seat at the Table: Strategizing for Facilities Success”. This conference is a great networking and learning event not to be missed.

- May 8-10, 2018 in Leavenworth, WA

[Click here for information](#)

WSU Energy Program Plant Operations Support Consortium

IFMA Annual Education Symposium & Tradeshow

Sponsored by the Greater Seattle Chapter of the International Facility Management Association, this 22nd annual event features a full day of sessions on important trends and practices in facility management.

- May 23 in Lynnwood, WA

[Click here for information](#)

IFMA

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
 - Sept 25, 2018 in Renton
- Oregon
 - Level I classes
 - Sept 2018 in Portland area
 - Level II classes
 - Summer 2018 in Portland area

[Click for BOC Washington State information](#)

[Click for BOC Oregon information](#)

Building Operators Certification

Resources

RCM Webinars

Two recent RCM Webinars provided through WSU Energy Program, are available for viewing and listening to on the [WSU RCM Website](#). “Lights! Retrofits! RCM Action!” and “Save Energy & Resources with RCMs” were held January 18 and February 28, respectively. If you have a webinar idea appropriate for RCMs, or a webinar you’d like to present, send Karen an email.

Guidelines for Energy Management

The [ENERGY STAR® Guidelines for Energy Management](#) is a valuable tool for continued energy performance improvement. The 43-page document details seven steps of energy management best practices, and includes an assessment matrix, sample energy policies, and other resources. Both experienced and new RCMs are bound to find material in the guide that is helpful to accomplish their goals.

Building Energy Efficiency Checklist

Checklists are a great way to remind us about things that need to be done, and can be used over and over. The City of Seattle maintains the [Northwest Energy Efficiency Council’s Building Energy Efficiency Checklist](#) on their website. In it, you will find tips to save energy for occupants, managers, and RCMs. Print it, post it, or use it to create your own extended list.

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

