

RCM News for November 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.

It's a light month for RCM News - use time saved from reading articles to prepare your building for the winter. Remember to check schedules and setpoints to account for reduced staffing during the holidays. Enjoy!

ANNOUNCEMENTS

Peer Review for Advanced Energy Design Guide

The [Advanced Energy Design Guide for Small to Medium Office Buildings: Achieving Zero Energy](#) is available for technical refinement review and feedback. Review input is accepted from December 1 through December 16, 2018. ASHRAE, in collaboration with AIA (American Institute of Architects), IESNA (Illuminating Engineering Society of North America), USGBC (U.S. Green Building Council) and the DOE (Department of Energy) continues to develop the Advanced Energy Design Guide (AEDG) Series.

Green Ribbon Schools

Is your school reducing environmental impacts and costs, providing sustainability education, and improving the health and wellness of students and staff? If yes, nominate your school for a U.S. Department of Education [Green Ribbon Schools award](#). The Washington State Office of Superintendent of Public Instruction will select finalists to be forwarded to the U.S. Department of Education for possible national award selection. Applications are due December 15, 2018.

Washington State Energy Efficiency and Solar Grants

Applications are now being accepted by the Washington State Department of Commerce for grants that result in energy and operational cost savings or solar installations. Washington State local agencies, public higher education institutions, public school districts, and state agencies may apply. Applications, available at the [Energy Efficiency and Solar Grants program website](#), are due by 5 PM December 31, 2018.

ENERGY STAR® Web Services

Portfolio Manager® web services use Transport Layer Security (TLS) to provide secure communications on the Internet. [Support for TLSv1.0 is being discontinued on February 17, 2019](#) for both the LIVE and TEST environments. A verification site has been set up to help determine if your site is or is not using TLSv1.0. It is strongly encouraged that your technology support staff verify soon if your system is configured for TLS 1.1 or above.

ARTICLES

ENERGY STAR® Scores

If you cannot get enough information about recent changes in ENERGY STAR® scoring, you can read the four-part article in the November 2019 issue of *Building Operating Maintenance*, written by Rita Tatum. Dramatic changes in your score are most likely not a result of increased energy use, but a comparison with better buildings. The article has a link to a score update toolkit provided by EPA that can help prepare staff, management, and occupants about the change. The last section of the article describes how to do an energy treasure hunt to find further low-cost savings.

Part 1 – [Energy Star Scores Have Changed: How FMs Are Responding](#)

Part 2 – [Proactive Steps to Respond To New Energy Star Metrics](#)

Part 3 – [Four Steps to Respond to New Energy Star Metrics](#)

Part 4 – [How to Do an Energy Treasure Hunt](#)

Green Revolving Funds

[Green revolving funds](#) can help an agency carry out energy efficiency projects by overcoming the common barrier of a lack of dedicated capital. The Better Buildings website showcases case studies of a county, small city, and university, among others, who have successfully created their own internal green fund. [Hillsboro](#), a small suburban city in Oregon, created a Sustainability Revolving Fund (SRF) to use savings from energy efficiency projects to fund other energy efficiency projects. [King County, WA](#) implements the Fund to Reduce Energy Demand (FRED) to avoid competition for limited funding for energy and water efficiency projects. The [University of Utah](#) created an Energy Management Fund and an Energy Manager position to continually reinvest in future projects. Each case study includes information such as tools and resources used to achieve success, measuring success, policies, and their funding process.

UPCOMING EVENTS & TRAINING OPPORTUNITIES

Advanced Energy Efficient Technology Webinar

A Better Buildings Technology Research Team webinar about advance technologies to reduce energy consumption.

- Dec 4 Webinar

[Click here for more information](#)

Better Buildings, U.S. DOE

The LED Tipping Point Effect: Put vendor neutrality to work for your next LED lighting and controls project

- Dec 5 Webinar

[Click here for more information](#)

Energy Manager Today, Energy Management Collaborative

Oregon APEM Winter Forum

“Just What is the Future of Energy and Rebates in the Pacific Northwest Anyway?”

A panel on strategic energy management (SEM) may be of particular interest to RCMs.

- December 7 in Vancouver, WA

[Click here for more information](#)

Oregon Association of Professional Energy Managers

ENERGY STAR® and Portfolio Manager® Trainings

All are online webinars.

- Portfolio Manager 101 – Dec 10
- Assessing & Evaluating Water Efficiency in Capital Improvement Projects – Dec 12
- Portfolio Manager Web Services: February 2019 V12.0 Release Overview – Dec 12
- Portfolio Manager 201 – Dec 13
- Portfolio Manager 301 – Dec 18
- Ask the Expert – Most Wednesday at 9:00 AM Pacific time

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

US EPA

Washington Green Schools Training

Washington State school RCMs and Energy Managers, along with other school staff, can attend a training to organize a green team and get recognition for your school.

- January 24, 2019 – Pierce County
- January 30, 2019 – King County
- February 5, 2019 – Snohomish County
- February 2019 (date TBD) – Clark County
- February 13, 2019 – Spokance County

[Click here for more information](#)

Washington Green Schools

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 are scheduled for Burlington and Spokane in Spring 2019, and Seattle and Tacoma in Fall 2019
 - Level II class is scheduled for Seattle in Spring 2019

[Click here for BOC Washington State information](#)

- Oregon
 - Level I classes
 - Sept 2019 TBA in the Portland area
 - Level II classes
 - January 9, 2019 in Portland (Registering Now)

[Click here for BOC Oregon information](#)

Building Operators Certification

RESOURCES

Behavior Change Programs

[“Reducing Energy Waste through Municipally Led Behavior Change Programs”](#) is not just for municipalities. A large-scale review of energy-saving behavior change programs provides information on program design, impacts, recommendations, and more. The 71 page report, published November 14, 2019 by the American Council for an Energy-Efficient Economy, is written by Ariel Dreihobl, Maxine Chikumbo, and Kate Tanabe.

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.

RCM News is prepared by the Washington State University Energy Program

This activity is funded by the U.S. Department of Energy State Energy Program. Funds provided through the Washington Department of Commerce Energy Division.

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

