

RCM NEWS

RCM News for October 2021

A Newsletter for Resource Conservation Managers in the Northwest

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JOB OPPORTUNITY

Facilities Conservation and Planning Analyst – Tacoma Power

The Facilities Conservation and Planning Analyst at Tacoma Power manages facility conservation and sustainability programs for Tacoma Power Utility properties, and monitors facility performance indicator data. Other responsibilities include participating in facility planning and conducting site assessments and operational reviews.

Deadline to apply – November 15, 2021 at 4:00 PM Pacific

[Click here to view job announcement and to apply.](#)

ANNOUNCEMENTS

Clean Buildings Directories

Sign up to be included in the Directory of Qualified Persons and/or Directory of Qualified Energy Auditors, or view the directories, on the [Washington Department of Commerce's Clean Buildings Website](#). These roles fulfill certain responsibilities for compliance with the Washington State Clean Buildings Performance Standard.

ARTICLES

Smart Building Data

Too much unsorted data can be just as bad as no data. In a two-part article on smart building data in the October 2021 issue of *Building Operating Management*, writer Greg Zimmerman discusses providing data in the appropriate format for the appropriate stakeholders, as well as how to sort the data for analysis. Integrating devices and systems into a holistic smart building, called cyberphysical systems, can make data manageable and usable.

Part 1 – [How to Make Smart Building Data Smarter](#)

Part 2 – [Managing Data and Energy Use During the Pandemic](#)

Variable Refrigerant Flow

Replacing conventional two-pipe boiler/chiller units with variable refrigerant flow (VRF) has reduced utility bills at some City of Montgomery, Alabama buildings between 24 percent and 42 percent. "[How VRF Helps Facilities Cut Utility Bills](#)", published in the October 2021 issue of *Building Operating Management*, written by Howard Riell, also explores some of the challenges of retrofitting government buildings of various ages, including training the city's HVAC mechanics to be comfortable with the new systems.

UPCOMING EVENTS & TRAINING OPPORTUNITIES

ENERGY STAR® and Portfolio Manager® Trainings

All are online webinars.

- Reducing Costs with Quick Water Wins – Nov 2
- Portfolio Manager 101 – Nov 2
- How to Avoid Common Mistakes When Benchmarking K-12 Schools – Nov 3
- Portfolio Manager 201 – Nov 10
- Portfolio Manager 301 – Nov 16
- Financing Energy Efficiency Buildings: What to Know Before You Sign – Nov 16
- How Schools Can Use IAQ Sensors & Energy Data to Monitor Performance – Nov 17
- Ask the Expert – Most Wednesdays at 9:00 AM Pacific time

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

U.S. EPA ENERGY STAR

Lighting Design Lab Webinars

Free online classes

- Commercial HPWH: Design, Operations & Maintenance Deep Dive Part 2 – Nov 3
- Commercial HPWH: Design, Operations & Maintenance Deep Dive Part 3 – Nov 10
- Commercial HPWH: Design, Operations & Maintenance Deep Dive Part 4 – Nov 17

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

Lighting Design Lab

Energy Data Management Webinar Series

A three-part series examining the seven steps of the Department of Energy's Energy Data Management Guide (see below under Resources for more information).

- Build a Solid Foundation for Your Energy Data Management Program (Part 2) – Nov 4 online
- Hardwire Energy Data Management into Your Organization (Part 3) – Dec 2 online

[Click here for more information](#)

U.S. DOE Better Buildings

Energy Star Webinar Series: Learn From the Best

- Dive into Water and Waste Savings Strategies from BOMA's W2 Challenge Champions – Nov 9
- Working Together to Save Energy: Employee Engagement Strategies – Dec 9

[Click here for more information](#)

U.S. EPA ENERGY STAR

Better Buildings Webinars

- Reimagining Carbon Costs: Finance Your Way to a Low-Carbon Future – Nov 9
- Assessing and Reducing Embodied Carbon – Dec 7

[Click here for more information](#)

U.S. DOE Better Buildings

LIGHTFAIR International Post-Show

Learn about the latest in networked & luminaire level lighting controls, and much more.

- Nov 9 online

[Click here for more information](#)

Smart Buildings Center and Lighting Design Lab

Oregon APEM Fall Series 2021 – Energy Recovery

- Part 3 – Nov 16
 - Creative Cooling Solution for Indoor Cannabis Cultivation
 - Utilizing Existing Equipment to Improve Efficiency, a Case Study

[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
 - Nov 17, 2021 through May 12, 2022 online for **Eastern WA and Idaho residents**

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

- Oregon

- Level I classes
 - March 3, 2022 through Oct 6, 2022 online
- Level II classes
 - Jan 13, 2022 through July 14, 2022 online – **REGISTER NOW!**

[Click here for BOC Oregon information](#)

Building Operators Certification

RESOURCES

Energy Data Management Guide

Created for public-sector organizations, the [Energy Data Management Guide](#) from the U.S. Department of Energy is a seven-step approach for “establishing a robust and sustainable energy management program” by generating buy-in, building a solid foundation for energy data management, and hardwiring energy management. RCMs, energy and sustainability managers, public-sector officials, and others may find the information familiar, yet the website goes into detail and is bound to prove useful with its large collection of strategies, data management tools and resources, templates and worksheets, and relevant examples.

Water Savings

Join the [Better Buildings Water Savings Network](#) to help reduce your building’s water use and connect with other partners to share solutions and receive technical assistance. Resources provided by U.S. Department of Energy include water management strategies, a water budget tool, and water-efficient technology opportunities.

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

