



RCM News for October 2023

A Newsletter for Resource Conservation Managers in the Northwest

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ANNOUNCEMENTS

Washington State Clean Buildings Performance Standard

The Washington State Department of Commerce is asking building owners to participate in their rulemaking process for the Clean Buildings Performance Standard. Participants can submit comments online by November 21st at 4:30 PM PST [here](#) and/or join a public hearing on November 21st via zoom [here](#). More information can be found [here](#).

New Clean Buildings Workgroup

The Washington State Department of Commerce is organizing a workgroup to analyze the financial investments required for owners of Tier 1 covered buildings to comply with the Clean Buildings Performance Standards and make recommendations to the legislature to assist building owners in attaining compliance. Workgroup members have been invited to participate in monthly meetings over the next 11 months. For more information and to receive updates see the [Clean Buildings webpage](#).

Puget Sound Energy Clean Buildings Accelerator

Commercial building owners, or their partners, in the Puget Sound Energy (PSE) territory can sign up for [PSE's Clean Buildings Accelerator program](#) for guidance, tailored coaching, and more in order to comply with Washington's Clean Buildings Law. Register for a virtual orientation November 1,

November 14 or December 12; or, enroll in an upcoming Accelerator program. Upcoming Accelerator kickoff dates are November 9, 2023 and January 23, 2024.

Seattle Clean Buildings Accelerator

Seattle's Clean Building Accelerator, implemented by Stillwater Energy, provides free support to all building owners and is focused on BIPOC, nonprofits, and owners of buildings that serve or are in frontline communities. Watch this [recording](#) of a recent session to learn more about the program.

Seattle Clean Buildings Accelerator offers two pathway's for training:

- Education: Self-led learning via the Seattle Clean Buildings Accelerator's educational website
- Light Coaching & Training: Tailored hands-on support via a cohort

[Click here for more information and information on enrollment](#)

Additional Clean Buildings Accelerator Programs

In addition to Puget Sound Energy's and City of Seattle's Building Accelerator programs (see above), other local governments and utilities across Washington offer Clean Buildings Accelerator programs. Please note that not all are free of charge.

- [Bellevue Clean Buildings Incentive Program](#)
- [Issaquah Clean Buildings Incentive Program](#)
- [Snohomish PUD Clean Buildings](#) (Next Cohort begins Mar 2024)
- [Avista Clean Buildings Accelerator](#)
- [Pacific Power Washington Clean Buildings](#)

ARTICLES

Energy Conservation Measures

"[Common Energy Conservation Measures](#)", published October 12th, 2023 online at *Buildings Commissioning Association*, focuses on the potential of decarbonizing through Existing Building Commissioning (EBCx) as a means to cut energy consumption and operating costs. Utility bills and weather data in the energy analysis process are important by helping commissioning providers and owners identify energy conservation measures (ECMs). The author of the article, Nicole Imeson, P.L. Eng., explores several commonly implemented ECMs, such as optimizing air handling units for energy savings, upgrading lighting with occupancy sensors, and introducing outdoor air reset schedules for boiler plants. Benefits of replacing constant volume pumps with variable speed pumps for more efficient operation are also discussed.

Electric Vehicle Planning

The article "[How to Plan for Electric Vehicle Parking](#)" published on October 23rd, 2023 in *FacilitiesNet*, talks about the rise of electric vehicles (EVs) and how they are set to impact facility management, with questions arising about EV parking, charging infrastructure, and lease negotiations. Author Greg Zimmerman, Senior Contributing Editor, provides best practices for leasing arrangements such as allocating dedicated EV charging locations and specifying charging costs, which can encourage shared use and support environmental goals. Prioritizing EV parking spots close to the building may continue

as EV adoption grows, while facility managers must balance charger numbers to meet demand efficiently and reduce carbon emissions. Hybrid work trends also influence EV charging planning, considering factors like occupancy and overall market adoption.

UPCOMING EVENTS & TRAINING OPPORTUNITIES

➤ ALL EVENTS VIRTUAL UNLESS OTHERWISE NOTED ◀

Better Buildings Webinar Series

All online webinars

- The Power of Partnership in Reducing Emissions – Oct 31
- Enhancing Energy Management: Using 50001 Ready to Achieve Decarbonization Goals – Nov 14
- Coining a Cleaner Future: How to Finance your Emissions Reduction Plan – Nov 28
- Turning Insights into Action: Bridging Building Data Analytics and Work Order Systems – Dec 5
- Cool Runnings: The Race to Phasedown Industrial Fluorinated Gas Emissions – Dec 12
- Storing and Saving: Using Thermal Energy Storage in Commercial Buildings – Dec 19

[Click here for more information](#)

US DOE Better Buildings

ENERGY STAR® and Portfolio Manager® Trainings

All are online webinars.

- How to Apply for Tenant Space Recognition – Nov 1
- Introduction to the ENERGY STAR Portfolio Manager Data Explorer – Nov 1
- Water-Energy Nexus in Action – Nov 8
- Verifying ENERGY STAR for Tenant Space Recognition – Nov 9
- Portfolio Manager 101 – Nov 14
- Portfolio Manager 201 – Nov 21
- Portfolio Manager 301 – Nov 28
- Portfolio Manager 101 – Dec 5
- Financing energy Efficiency Projects: What to Know Before you Sign – Dec 5
- Portfolio Manager 201 – Dec 12
- Portfolio Manager 301 – Dec 19
- Energy Benchmarking Water and Wastewater Treatment Plants in Portfolio Manager – Dec 21
- Ask the Expert – every other Wednesday

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

U.S. EPA ENERGY STAR

Energy Management Trainings and Certifications

- Microgrid Fundamentals Online Training Program – Nov 6-9

- Premier Certified Energy Manager (CEM®) Training Program – Nov 13-17
- Effective Energy Management Master Plan Online Training Program – Nov 13-15
- Certified Sustainable Development Professional (CSDP®) Training Program – Nov 14-16
- Life Cycle Costing for Energy Professionals Online Training Program – Nov 14-16
- Climate Action Certificate Virtual Training Program – Nov 15-16
- 50001 Certified Professional (50001 CP) Training Program – Nov 27-30
- Premier Certified Energy Manager (CEM®) Training Program – Dec 4-8

[Click here for more information](#)

The Association of Energy Engineers

IFMA Webinars

Free online event

- FM Metrics that Matter: Common & Critical Facilities – Nov 8

[Click here for more information](#)

IFMA

Lighting Design Lab Webinars

Free online classes

- Electrification and Energy Management Systems – Nov 9

[Click here for more information](#)

Lighting Design Lab

Illuminating Engineering Society Webinars

- Modern Outdoor Lighting in the Court of Public Opinion – Nov 28

[Click here for more information](#)

Illuminating Engineering Society, Pacific Northwest National Laboratory

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
 - Level I class
 - Spring 2024, dates TBA, via Zoom
 - Summer 2024, dates TBA, via Zoom
 - Fall 2024, dates TBA, in Seattle
 - Level II class
 - Fall 2024, dates TBA, via Zoom

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

- Oregon

- Level I class
 - Jan 4 to Jul 11, 2024 via Zoom

[Click here for BOC Oregon information](#)

Building Operators Certification, Northwest Water & Energy Education Institute

National Facilities Management and Technology Conference and Expo

- Mar 12-14, 2024 in Baltimore, MD

[Click here for more information](#)

National Facilities Management & Technology

WAMOA Leadership Seminar

- Mar 21-22, 2024 in Leavenworth, WA

[Click here for more information](#)

Washington Association of Maintenance and Operation Administrators

Better Buildings, Better Plants Summit – Save the Date

- Apr 2 to Apr 4, 2024 in Washington, D.C.

[Click here for more information](#)

U.S. Department of Energy, Better Buildings

Getting to Zero Forum – Save the Date

- May 21-23, 2024 in Charlotte, NC

[Click here for more information](#)

New Buildings Institute

RESOURCES

Energy Management Plan (EMP) and the Operation and Maintenance (O&M) Program Tools

The Washington State Department of Commerce has developed two reporting tools, the Energy Management Plan Reporting Tool (EMP) and the Operations and Maintenance Reporting Tool (O&M), to help standardize reporting requirements and ensure they meet all requirements prior to submitting a compliance application. These documents along with other helpful guidance, technical, fact sheet and flowchart documents can be found on the [Clean Buildings Performance Standard Document Library](#).

Building Performance Videos

Reduce energy consumption and utility costs, improve equipment life and occupant comfort, and more with [videos produced by Slipstream](#). Topics include rooftop units, demand control ventilation, lots of videos on cleaning HVAC equipment, information about HVAC controls, and indoor air quality and ventilation basics. Another great resource from Slipstream is a series on [advanced building controls](#). Training includes short sessions for energy managers and longer targeted sessions for

building operators and facility engineers. The series is funded by the Department of Defense Environmental Security Technology Certification Program, and open to everyone.

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

