



RCM News for April 2024

A Newsletter for Resource Conservation Managers in the Northwest

In this issue:

Announcements

Articles

Decarbonizing Facilities

Enhanced IAQ Management

Facility Management Succession Strategies

Upcoming Events & Training Opportunities

Resources

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.

ANNOUNCEMENTS

RCM Clean Buildings Webinar Presentation Available

Presentation slides and video-recording from the March 20, 2024 "Meeting Your Clean Buildings Requirements: EMP and O&M Program Guidance", sponsored by the RCM team at WSU Energy Program, are now available for viewing on the [WSU Energy Program RCM webpage](#).

RCM Summit May 7

WSU Energy Program is sponsoring an RCM Summit for Resource Conservation Managers on May 7, 2024. The 3 hour virtual meeting will feature attendee networking in break-out rooms, follow-up discussion to the March 20 Clean Buildings EMP and O&M Program Guidance webinar, and a short presentation on considerations and challenges for electric vehicle fleet readiness and charging stations. [Click here for more information and to register](#).

Tenant Engagement RCM Webinar June 5

The next WSU Energy Program RCM webinar focuses on energy and occupant comfort. Registration is not yet open, but save the date – June 5 at 12:00 PM Pacific Time.

Clean Buildings News from the Washington State Department of Commerce

- **Clean Buildings Incentive Program Updates**

Join Commerce's Clean Buildings Team May 9 to learn about updates to the Clean Buildings Incentive Program. Commerce will discuss the enhanced payment for Tier 1 incentives (HB1976), energy audit incentives for public buildings, and the Verified Auditor Network. [For more information and to register click here.](#)

- **Clean Buildings Performance Standard Integrated Document**

The most recent version of the Clean Buildings Performance Standard Integrated Document includes Tier 1 and Tier 2 buildings and is available for [download here](#). The Standard consists of ASHRAE Standard 100-2018 and state amendments to ASHRAE 100-2018, WAC 194-50.

- **Updated Form F: Life Cycle Analysis (LCCA) Tool**

Updated Form F: Life Cycle Analysis (LCCA) Tool is a compliance document for buildings pursuing compliance through the investment path. The tool can evaluate the cost-effectiveness of various measures. The LCCA Tool can be found [here](#).

- **Tier 2 incentive Program Revised Workshop Series**

Five monthly workshops are scheduled to present program details and answer questions about "Tier 2" buildings for the Clean Buildings program. The program begins July 1, 2025. More information on Tier 1 and Tier 2 buildings can be found [here](#). The program overview is presented at the first workshop on June 13.

- [Tier 2 Program Overview \(registration\)](#) – Jun 13
- [Funding Distribution \(registration\)](#) – Aug 15
- [Building Focus \(registration\)](#) – Oct 10
- [Utilities \(registration\)](#) – Nov 14
- [Finalizing the Program \(registration\)](#) – Dec 12

Clean Buildings Incentives and Accelerator Programs

Many utilities and local jurisdictions offer incentive and accelerator programs across Washington state to assist with compliance of the Clean Buildings Performance Standard. Check the program in your territory below for announcements, dates and other information. Please note that not all are free of charge and new programs may not yet be listed.

- Accelerator Programs
 - [Avista Clean Buildings Accelerator](#)
 - [Pacific Power Washington Clean Buildings](#)
 - [Puget Sound Energy Accelerator Program](#)
 - Info sessions: May 29, Jun 17, Jul 17, Aug 21, Sep 18, Oct 15
 - Kick-off dates: Jun 4, Sep 10, and Oct 29, 2024
 - [Seattle Clean Buildings Accelerator Program](#)
 - [Snohomish PUD](#)

- Incentive Programs
 - [Bellevue Clean Buildings Incentive Program](#)
 - [Issaquah Clean Buildings Incentive Program](#)
 - Bellevue and Issaquah are teaming up to provide free webinars on the Clean Buildings Standard for owners and operators:
 - Clean Buildings Performance Standard – the Law & How to Comply – May 22 – [Register here](#)
 - Clean Buildings Performance Standard - A Closer Look at Benchmarking – May 30 – [Register here](#)
 - Helping Nonprofits & Multifamily Owners Achieve Clean Buildings Compliance – June 20 – [Register here](#)

ARTICLES

Decarbonizing Facilities

To gain buy in and start the process of decarbonization of your facility, Dave Lubach 's article "[5 Steps to Decarbonize Facilities](#)", published in the March 2024 issue of *Building Operating Management* outlines a five method process. The first step is to build a team and set SMART goals (Specific, Measurable, Achievable, Relevant and Time-Bound). Other steps include benchmarking, aligning decarbonization opportunities with capital improvement cycles, and meeting regularly with the team to track progress.

Enhanced IAQ Management

The importance of indoor air quality management cannot be under estimated. In "[Breathing Life Into Workplaces: Enhanced IAQ Management](#)", published in the Mar/Apr issue of *FMJ*, Jason DiBona outlines the many different types of airborne pollutants and their possible health, operational, and economic risks. In addition to traditional approaches to improving air quality, DiBona discusses a number of new innovative solutions such as device integration, artificial intelligence, and photoelectrochemical oxidation to drive IAQ management forward. Modern IAQ solutions can integrate air purification devices, software, and weather and environmental forecasts to enable comprehensive control.

Facility Management Succession Strategies

More than half of today's professional facility managers (FMs) will retire in the next five to fifteen years. In his article, "[Succession: Strategies to Attract Younger FM Professionals](#)", published in the Mar/Apr issue of *FMJ*, Josh Lowe offers a comprehensive plan to attract and retain a younger generation of FMs. Important knowledge such as existing procedures, inspection and reporting schedules, digital floor plans, and condition reports must be transferred from older to younger employees. Diversity, Equity and Inclusion (DEI) policies and programs may attract younger employees, as well as offering and encouraging conference and tradeshow attendance, certification, and other continuing educational opportunities.

UPCOMING EVENTS & TRAINING OPPORTUNITIES

➤ ALL EVENTS VIRTUAL UNLESS OTHERWISE NOTED ◀

AEE West Energy Conference & Expo 2024

- May 1-2 in Bellevue, WA

[Click here for more information](#)

AEE, co-hosted by Seattle City Light and Puget Sound Energy

ENERGY STAR® and Portfolio Manager® Trainings

- How to Apply for ENERGY STAR Certification – May 2
- Pt. 3: To Efficiency & Beyond! How to Benefit from Benchmarking Compliance with Strategies for Improving Energy – May 8
- Pt. 1: A Beginner's Guide to Using Portfolio Manager for Benchmarking Compliance – May 9
- Verifying ENERGY STAR Certification – May 16
- Portfolio Manager 201 – May 21
- Pt. 2: Using Benchmarking Results to Understand Your Building's Performance – May 22
- Portfolio Manager 301 – May 30
- Pt. 3: To Efficiency & Beyond! How to Benefit from Benchmarking Compliance with Strategies for Improving Energy – June 6
- Ask the Expert – every other Wednesday

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

U.S. EPA ENERGY STAR

2024 National Fundamentals of Energy Efficient Building Operations

BOC course providing the basic principles of energy efficiency awareness and practices in commercial buildings. Six half-day classes.

- May 7 through Jun 5 via Zoom

[Click here for more information](#)

Building Operators Certification

Clean & Affordable Energy Conference

- May 7 in Boise, ID

[Click here for more information](#)

Northwest Energy Coalition

Pump Systems Matter

Virtual live instructor-led courses as well as on-demand pump and system training.

- Effective Pump Intake Design and Troubleshooting Problem: Background, design objectives, using the standard – May 7
- Motor and VFD Principles Course – May 15

- Effective Pump Intake Design and Troubleshooting Problem Intakes: Using the Standard for Solids-Bearing Liquid Intake Design – June 5

[Click here for more information](#)

Hydraulic Institute and Pump Systems Matter

Introduction to the Building Re-tuning Simulator

- May 9

[Click here for more information](#)

Whole Building Design Guide, Federal Energy Management Program (FEMP)

Lighting Design Lab Webinars

Free online classes

- Today and Tomorrow: The Future of Green Building Tax Incentives – May 9

[Click here for more information](#)

Lighting Design Lab

EFX24: Efficiency Exchange 2024

- May 14-15 in Coeur d'Alene, ID

[Click here for more information](#)

Northwest Energy Efficiency Alliance

Building Operator Certification. Smart Buildings Center Live Webinars

- Realizing the Benefits of Demand Flexibility, Response & Management – May 15
- Harnessing Waste Heat Recovery and Thermal energy Storage for Efficiency – Sep 18
- Water Efficiency Strategies for Resiliency – Oct 16

[Click here for more information](#)

Smart Buildings Center

Getting to Zero Forum

- May 21-23 in Charlotte, NC

[Click here for more information](#)

New Buildings Institute

Building Operator Certification. BOC 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
 - June 4 – Oct 10, 2024 via Zoom
 - Sept 25, 2024 – Jan 23, 2025 in Seattle
 - Level II class
 - Oct 2, 2024 – Jan 30, 2025 via Zoom

[Click here for BOC Washington State information](#)
- Oregon
 - Level I class
 - Jun 13 to Dec 5, 2024 via Zoom
 - Looking for a Level II class – take the class from BOC Washington State

[Click here for BOC Oregon information](#)

Building Operators Certification, Northwest Water & Energy Education Institute

Smart Buildings Exchange

A three day hybrid conference connecting participants to the latest information and technologies in the smart buildings industry.

- Aug 27- 29 in Seattle + virtual

[Click here for more information.](#)

Smart Buildings Center

Forth Roadmap Conference

A three day hybrid conference connecting participants to the latest information and technologies in the transportation industry.

- Sep 24-26 in Detroit, MI

[Click here for more information](#)

Forth

BCxA 2024 Annual Conference

- Oct 2-4 in Las Vegas, NV

[Click here for more information](#)

Building Commissioning Association

WAMOA 2024

- Fall Conference – Oct 2-4 in Yakima

[Click here for more information](#)

Washington Association of Maintenance and Operation Administrators

RESOURCES

Better Buildings Solution Center

Presentations from the recent [2024 Better Buildings Summit](#) are now available on the Better Buildings Solutions Center website. Some of the many presentations that may be of interest are:

- [Bang for Your Buck: Energy-Efficient Building Technology Investments that Yield the Highest Rate of Returns](#)
- [Procurement Problems: A Guide on How to Address and Mitigate Procurement Difficulties](#)
- [Unlocking the Value of Data: Exploring Tools, Reporting Methods, and Analysis](#)
- [Water, Water, Everywhere: Organization-Wide Practices to Improve Water Efficiency](#)

Clean Buildings Performance Standard Customer Support

There are a few ways to get your questions answered and receive support for Washington State Clean Buildings compliance. The Smart Buildings Center (SBC) offers technical support through the [Clean Buildings Performance Standard Helpdesk](#), which is a utility-sponsored helpdesk providing technical assistance, resources, and trainings. You can also contact the Clean Buildings team at the Washington State Department of Commerce by [email](#) for questions and support, or fill out their [Customer Support Form](#).

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 the RCM team](#) 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 email to RCM@energy.wsu.edu.

