



## RCM News for June 2024

### 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.*

## ANNOUNCEMENTS

### Occupant Engagement Webinar

Slides and a video-recording from WSU Energy Program's June 5, 2024 webinar, "Occupant Engagement Programs: WSU's Energy & Comfort Campaign", are now available for viewing on the [RCM website](#). Find the links at the top of the right column.

### Clean Buildings News from the Washington State Department of Commerce

- [Lifecycle Cost Analysis \(LCCA\) Form F Webinar Training](#)

This highly [technical training](#) on July 11 focuses on Form D (Energy Audit Form, and walks through filling out Form F with a sample project. Intended audience is energy auditors, consultants, and engineers.

- [Clean Building Performance Standards \(CBPS\) Office Hours Series](#)

Join the Washington State Department of Commerce for their monthly Clean Building Performance Standards Office Hours. This is a dedicated space outside of their scheduled trainings and workshops to ask questions, talk through scenarios and meet other community members who are also working with their organizations to meet the standards. CBPS Office Hours will take place on the 4<sup>th</sup> Tuesday of each month. The first of four CBPS session will be held July 23. [Click here to register](#).

- [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.

- [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](#)
  - One-hour Info sessions – Jul 17, Aug 21, Sep 18, Oct 15
  - Accelerator Kickoff dates – Sep 10, Oct 29
- [Seattle Clean Buildings Accelerator Program](#)
- [Snohomish PUD](#)

- [Clean Buildings Incentive Program – Bellevue & Issaquah](#)

The Cities of [Bellevue](#) and [Issaquah](#) are helping large buildings (20,000+ sf) to reduce energy use, save on costs, and comply with the Clean Buildings Performance Standard. Free building energy services include energy benchmarking, scoping assessments, incentive navigation, and compliance reporting support – an estimated \$18,000 value. Sign-up today:

- [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:
    - Helping Nonprofits & Multifamily Owners Achieve Clean Buildings Compliance – July 17 – [Register here](#)
    - Clean Buildings Performance Standard – The Law & How to Comply – July 25 – [Register here](#)
    - Clean Buildings Performance Standard – A Closer Look & Benchmarking – Aug 14 – [Register here](#)

## ARTICLES

### Building Technology Adoption

"[Flatten the Smart Building Technology Learning Curve](#)", published May 31, 2024 in *Buildings* Magazine and written by Andrew Froehlich, offers strategies to lessen resistance from building staff and occupants when adopting smart building technology. A few approaches include taking into account how the technology interfaces with users, making sure to have good vendor communication procedures, and introducing new technologies in phases so users can get accustomed to them.

### Plug Loads

Electronic devices operating in standby mode can account for a substantial portion of consumed energy, especially in large energy efficient buildings. In "[Honeywell launches plug load management solution to cut US energy waste](#)", published June 21, 2024 in *Utility Dive*, writer Joe Burns discusses a new solution from Honeywell, Connected Power, which manages plug loads by allowing operators to monitor and control energy consumption of each power outlet, or areas of buildings. Connected Power can be used as a stand-alone portal, or integrated into most existing building management systems.

### Renovations for Sustainability

Renovations of a 100-year old elementary school in Washington D.C. were designed to meet the goals of sustainability and historic preservation. In addition to meeting LEED Gold and WELL standards, the school is also expected to achieve Net Zero Energy Certification, as discussed in "[Raymond Elementary Combines History and Sustainability](#)", published in the June 2024 issue of *Building Operating Management* and written by Maura Keller. To reach an EUI score of 21.5, net zero energy efficiency measures included motorized window shades with reflective backing, geothermal system piping with a single primary variable loop, and ultra-low-flow hot water fixtures.

## UPCOMING EVENTS & TRAINING OPPORTUNITIES

➤ ALL EVENTS VIRTUAL UNLESS OTHERWISE NOTED ◀

### 2024 Better Buildings Summer Webinars

- Fail to Plan, Plan to Fail: How Emissions Reduction Planning Helps Partners Meet Climate Goals – July 2
- Storage Wars: Industrial Energy Storage Solutions – July 9
- There's a Heat Pump for That: Multifamily Decarbonization Solutions – July 16
- Financing the Future: Innovative Solutions for Decarbonization – July 23
- Building Owner spotlight: DOE's Smarter Smaller Buildings Campaign – July 30
- The Better Buildings Commercial Building Heat Pump Accelerator: Goals, Impacts, and Opportunities – Aug 6

[Click here for more information](#)

*U.S. DOE Better Buildings*

## ENERGY STAR® and Portfolio Manager® Trainings

- Portfolio Manager 101 – July 2
- Portfolio Manager 201 – July 9
- How to Apply for ENERGY STAR Certification – July 11
- Portfolio Manager 301 – July 16
- Verifying ENERGY STAR Certification – July 18
- Beat the Peak – Using Water Wisely for Commercial Outdoor Spaces – July 31
- Ask the Expert – every other Wednesday

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

*U.S. EPA ENERGY STAR*

## Net-Zero Buildings: Cost-Effective and Sustainable for New Construction

- July 24

[Click here to register](#)

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

## Smart Buildings Exchange

A three day hybrid conference connecting participants to the latest information and technologies in the smart buildings industry. Earn BOC credential maintenance points for attending sessions.

- Aug 27- 29 in Seattle + virtual and in-person options offered

[Click here for more information.](#)

*Smart Buildings Center*

## 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.

- Sept 17 through Oct 23 via Zoom

[Click here for more information](#)

*Building Operators Certification*

## 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*

## 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
      - 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
      - Sept 12, 2024 to Mar 6, 2025 via Zoom
    - Looking for a Level II class – contact the Oregon NWEEL
- [Click here for BOC Oregon information](#)

*Building Operators Certification, Northwest Water & Energy Education Institute*

#### 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*

#### IFMA World Workplace 2024

- Oct 9-11 in San Antonio, TX

[Click here for more information](#)

*International Facility Management Association*

## RESOURCES

### 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](#).

### Smart Buildings Center Remote Learning Library

Search the Smart Buildings Remote Learning Center’s collection of on-demand webinars. Topics include: energy efficiency, demand response, building operations, benchmarking, building tune-ups,

smart building technologies, and grid-enabled buildings. Contributors include: Smart Buildings Center/BOC, U.S. DOE, NEEA, BetterBricks, and many others. [Click here for more information.](#)

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### 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.

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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 email to [RCM@energy.wsu.edu](mailto:RCM@energy.wsu.edu).

