

RCM NEWS

RCM News for November 2022

A Newsletter for Resource Conservation Managers in the Northwest

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JOB ANNOUNCEMENTS

Renton School District Controls & Energy Manager

The Renton School District is recruiting for a Controls & Energy Manager who will be responsible for the implementation and management of the district's safety program for all district facilities, and providing technical problem-solving skills involving automation devices, software network data flow, and technician team building.

[Click here for position announcement.](#)

Buildings and Energy Program Manager – Olympia

The City of Olympia is seeking a person to manage the City's climate-related building and energy programs and projects. Responsibilities include overall program strategy and problem-solving related to buildings and energy, measuring and analyzing building energy use and greenhouse gas emissions, facilitating implementation of energy efficiency and decarbonization goals and measures across all city departments. Position begins January 2023 and is open until filled.

First review will be for applications received before 5:00 pm December 7, 2022.

[Click here for more information and application.](#)

ANNOUNCEMENTS

Seattle Clean Building Accelerator

The City of Seattle Clean Buildings Accelerator offers two pathways for their no-cost technical support and training program to assist building owners and operators in meeting the requirements of the Washington Clean Buildings law and reduce carbon emissions. The [Educational Pathway](#) is a self-led online resource available to all who need to comply with the WA Clean Building law. The [Light Coaching Pathway](#) provides tailored support and hands-on assistance, and prioritizes buildings located in or serving frontline communities. They are now enrolling for a second cohort in December.

Building Electrification Grants

Applications are now being accepted for the Washington State Department of Commerce Clean Energy Fund Building Electrification grant program. The program will award funding to eligible projects that advance all-electric buildings by deploying smart technologies to demonstrate grid-interactive buildings, or installing high-efficiency electric equipment to reduce the use of fossil fuel-powered equipment. Please visit the [Building Electrification Program webpage](#) for more information. Applications will be accepted until January 9, 2023.

Clean Buildings Early Adopter Incentive Survey

If you haven't yet, please take the Clean Buildings [Qualified Person Survey](#) and [Incentive Application Survey](#) to provide input about user experience with the Clean Buildings Early Adopter Incentive program. The surveys help the Washington State Department of Commerce improve support resources for the program.

ARTICLES

ENERGY STAR Performance Trends

Two decades of energy trends in office buildings in the U.S. have been evaluated in a recently released study that analyzes ENERGY STAR certified buildings changes over time, and compares certified buildings with the U.S. office building stock. "[Two Decades of ENERGY STAR®: A Retrospective Study of EPA's ENERGY STAR Office Buildings Score and Certification](#)", released November 2022 by the U.S. Environmental Protection Agency, also identifies key characteristics and building management practices affecting differences in energy use between certified (ENERGY STAR) and U.S. commercial buildings.

Outdoor Lighting

While outdoor lighting for parking spaces must comply with codes and local jurisdiction requirements, strategies should also be taken to improve user experience and especially safety. In "[Lighting the Way to Outdoor Safety](#)", published in the November 2022 issue of *Building Operating Management*, contributing writers Leilani Nelson and Rachel Fitzgerald discuss design elements such as uniformity, color quality, and vertical illumination which increase visibility and make the user experience safer.

UPCOMING EVENTS & TRAINING OPPORTUNITIES

ENERGY STAR® and Portfolio Manager® Trainings

All are online webinars.

- Portfolio Manager 101 – Dec 6
- Portfolio Manager 201 – Dec 8
- Portfolio Manager 301 - Dec 13
- Ask the Expert – every other Wednesday 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

- CO₂ Heat Pump Water Heater Efficiency, Decarbonization, and Load Shift project in a Multi-Family Building – Dec 6

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

Lighting Design Lab

Better Building Webinars

- Understanding Your Water Bills to Save Money and Energy – Dec 6
- The Big Heat Pump Push: How Are Programs, Contractors, and the Grid Responding? – Dec 8
- Electrification Station: Decarbonizing City Buildings and Fleets – Dec 13
- Refrigerant Management for Fewer Leaks and Emissions – Jan 10, 2023

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

U.S. DOE Better Buildings

Oregon APEM Winter Social & Annual Meeting

- December 15 in Portland

[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
 - Mar 15, 2023 to Aug 2, 2023 via Zoom
 - Sept 2023 in Seattle
 - Level II class
 - Fall 2023 via Zoom

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

- Oregon
 - Level I class
 - Jan 12, 2023 to Jul 13, 2023 virtual
 - Level II class
 - Apr 6, 2023 to Sep 14, 2023

[Click here for BOC Oregon information](#)

Building Operators Certification, Northwest Water & Energy Education Institute

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.

- March 7 through April 5, 2023 via Zoom

[Click here for more information](#)

Building Operators Certification

Getting to Zero Forum – Save the Date

- May 10-12, 2023 in Minneapolis + virtual

[Click here for more information](#)

New Buildings Institute

RESOURCES

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.

Clean Buildings Investment Criteria

A video recording of [Compliance through Investment Criteria](#), a webinar for Washington State Department of Commerce Clean Buildings Performance Standard is now available for viewing. The investment criteria is one way to comply with the standard, and the webinar helps you decide if this is the best approach for your building.

Helpdesks

The Smart Buildings Center (SBC) offers technical support with two helpdesks. Resources, guidance, training, and technical assistance are provided through a [K-12 Ventilation and Indoor Air Quality Helpdesk](#), funded by the Washington State Department of Commerce, to help improve the indoor

environment in our schools. The [Clean Buildings Performance Standard Helpdesk](#) is a utility-sponsored helpdesk providing technical assistance, resources, and trainings to assist building owners in reaching compliance with the Clean Buildings Performance Standard.

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

