

RCM News for September 2022

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

Building Electrification Grants

The Washington State Department of Commerce is preparing to make \$9.7 million of total funding available under the 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 equipment. Please visit the [Clean Energy Fund Building Electrification website](#) for more information and to sign up to receive email updates about the program.

Clean Buildings Performance Standard Helpdesk

The Northwest Energy Efficiency Council (NEEC) and the Smart Buildings Center (SBC) are offering a Clean Buildings Performance Standard Helpdesk. The utility* sponsored service is providing technical assistance and coaching during office hours via phone, zoom/teams, and email. In addition, a resource webpage including training videos, FAQs, and other resources regarding the Standard is available. The webpage and the helpdesk information can be found at <https://www.smartbuildingscenter.org/resources/clean-buildings-performance-standard/>.

*Sponsoring utilities are Clark Public Utilities, Puget Sound Energy, Seattle City Light, Snohomish County PUD and Tacoma Power.

ARTICLES

Energy Efficiency

Resource Conservation Managers and the like certainly know energy efficiency. Yet an article written by Chris Connolly for *NW Energy Coalition* and published online September 19, 2022 is still worth reading. "[Energy Efficiency 101](#)" discusses the importance of energy efficiency in relation to electricity demand, renewable energy, future energy needs, and utility and government initiatives. The article is a good short refresher course, and includes numbers and data which might be useful when reaching out to educate others.

HVAC Upgrade

"[Seattle Central College Embraces Sustainability](#)", written by Dave Lubach for the September 2022 issue of *Building Operating Management*, discusses the various goals for an upgrade to the college's aging, steam-based HVAC system. New regulations requiring reduction of greenhouse gas emissions and energy use, costly deferred maintenance on the steam system, and aging campus buildings led the college to a new approach using air-water and water-water heat pumps.

Inflation Reduction Act Tax Deductions

The Federal Inflation Reduction Act, signed into law in August 2022, includes expanded tax deductions for Section 179D for commercial building energy efficiency. "[Inflation Reduction Act Expands Energy Efficiency Tax Deductions](#)", in the September 2022 *Building Operating Management*, written by Charles R. Goulding and Jacob Goldman, points to certain changes such as increased deduction levels, inclusion of non-profit and Tribal Government buildings, and allowing the maximum deduction to be taken every three years instead of one year.

UPCOMING EVENTS & TRAINING OPPORTUNITIES

➤ ALL EVENTS VIRTUAL UNLESS OTHERWISE NOTED ◀

ENERGY STAR® and Portfolio Manager® Trainings

All are online webinars.

- Portfolio Manager 101 – Oct 4
- Portfolio Manager 201 – Oct 6
- Portfolio Manager 301 - Oct 11
- Find Rebates of Commercial Building Equipment – Oct 27
- Ask the Expert – every other Wednesday at 9:00 AM Pacific time

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

U.S. EPA ENERGY STAR

Better Building Webinars

- Sustainability & Decarbonization Inside Warehouses & Distribution Centers – Oct 4
- Leading by Example: Building Envelope Success Stories: Oct 25
- Transforming Building Operations with New Self-Correction Controls Technology – Oct 26

- 2-in-1: What is the Potential for an Integrated Furnace & Water Heater? – Oct 27
- Heat Pumps to Electrify Existing Buildings: Case Studies – Oct 27
- Inspiring a Clean Energy Workforce – Nov 1

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

U.S. DOE Better Buildings

Lighting Design Lab Webinars

Free online classes

- Heat Pump Deep Dive, Day 1 – Oct 11
- Heat Pump Deep Dive, Day 2 – Oct 13
- Electrification of the Built Environment, Day 1 – Oct 18
- Electrification of the Built Environment, Day 2 – Oct 20

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

Lighting Design Lab

Smart Building Center Technical Webinars

- Occupancy & Ventilation: Finding the Balance Between Safety & Efficiency – Oct 19

[Click here for more information](#)

Building Operators Certification

ET Summit 2022

California's emerging technologies summit

- Oct 25 & 26 - virtual

[Click here for more information](#)

Emerging Technologies Coordinating Council

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
 - Level II classes
 - Oct 26, 2022 to Mar 30, 2023 for Washington residents via Zoom

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

- Oregon
 - Level I class
 - Jan 12, 2023 to Jul 13, 2023 virtual
 - Level II will be available in 2023

[Click here for BOC Oregon information](#)

Building Operators Certification, Northwest Water & Energy Education Institute

Oregon APEM Fall Forum 2022

Fueling the Future

- Oct 27 in Portland

[Click here for more information](#)

Oregon Association of Professional Energy Managers

Building Operators Certification for Multifamily

BOC Level I Multifamily training helps staff advance skills and career in energy efficient operations of multifamily facilities

- Classes run from Nov 2, 2022 through Apr 27, 2023

[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

Clean Buildings Training Videos

New [training videos](#) are available on the WA State Department of Commerce Clean Buildings Support and Resources webpage. Recently completed videos will help you determine your building's energy-use intensity target and answer questions about compliance paths. View these as an aid to help you meet your Clean Buildings Performance Standard requirements.

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.

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 send to Karen Janowitz - janowitzk@energy.wsu.edu

