

RCM NEWS

Have you taken the RCM Survey?

If not, you have until Feb 25 to do so. [Click here for the link.](#)

Thank you!

RCM News for February 2022

A Newsletter for Resource Conservation Managers in the Northwest

In this issue:

Announcements

Articles

 Benchmarking

 Building Commissioning

 Ventilation and HVAC

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

State Project Improvement Grants

Applications for [State Project Improvement](#) funding from the Washington State Department of Commerce are being accepted on a continual basis until all funds have been awarded. These grants cover the additional costs to increase the efficiency of projects at existing state-owned buildings.

ARTICLES

Benchmarking

While benchmarking energy use in buildings can be straightforward, attention must be given to certain details in order to accurately measure a building's performance. In "[Benchmarking Building Performance: It's 2022, Do You Know What Your EUI Is?](#)" published in the *Winter/Spring 2022 BOC Bulletin*, Katherine Morgan discusses these challenges, the roles of voluntary and regulatory benchmarking drivers, and the value of submetering.

Building Commissioning

Facility condition assessments (FCA) can be more than just a static look at the condition of a building. In [“Improving Long-Term Energy Efficiency with Commissioning”](#), written by Josh Green and Chris Smith and appearing in the February 2022 online edition of *Building Operating Management*, the importance of adding energy commissioning and test & balance (TAB) services to an FCA is examined.

Commissioning and TAB processes provide information such as optimizing building performance that can help create persistent savings and improved systems operations.

Ventilation and HVAC

[“Proven HVAC Solutions To Reduce Viral Spread And Increase Energy Efficiency”](#), published online by *BetterBricks*, discusses the need for increased ventilation rates to stem the spread of viruses in indoor air. HVAC approaches such as very high efficiency dedicated outdoor air systems (DOAS), single zone rooftop units, and packaged VAV systems are all capable of increased airflow, but very high efficiency DOAS does so with the least amount of energy.

UPCOMING EVENTS & TRAINING OPPORTUNITIES

➤ ALL EVENTS VIRTUAL UNLESS OTHERWISE NOTED ◀

Lighting Design Lab Webinars

Free online classes

- Intro to Central Systems for Heat Pump Water Heating Part 1 – March 1
- Intro to Central Systems for Heat Pump Water Heating Part 2 – March 9

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

Lighting Design Lab

Better Buildings Webinars

- Work Smarter, Not Harder: Creative Project and Process Implementation – March 1
- Lightweight Secondary Windows – March 3
- Scaling Up HVAC Fault Detection in a Portfolio – March 10
- State of the Market and Solar Lease Best Practices – March 15
- Integrating Plug Load Management into Lighting & Building Management Systems – March 22
- Grid-Interactive Efficient Buildings: The Potential for Cost-Effective Decarbonization – March 24
- Low Carbon Technologies: Strategies for Different Building Types – Apr 5
- How Historic Buildings Can Benefit from DOE Technology Campaigns – Apr 6

[Click here for more information](#)

U.S. DOE Better Buildings

ENERGY STAR® and Portfolio Manager® Trainings

All are online webinars.

- Portfolio Manager 101 – March 8
- Tracking GHG Emissions in Portfolio Manager – March 8

- Find Leaks and Stop Water Waste in Their Tracks – March 16
- Portfolio Manager 201 – March 17
- Financing Energy Efficiency Projects: What to Know Before you Sign – March 22
- Benchmarking Water & Wastewater Treatment Plants – March 22
- Portfolio Manager 301 – March 23
- Ask the Expert – Most Wednesdays at 9:00 AM Pacific time

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

U.S. EPA ENERGY STAR

Life Cycle Cost Analysis (LCCA) tool training for industry professionals

Intended for professionals responsible for energy conservation projects for existing buildings, this tool is used for the investment criteria of the Washington State Clean Buildings Performance Standard. The tool is also known as “Form F”.

- March 10

[Click here to register](#)

Washington State Dept of Commerce

Basics of Building Benchmarking for Ordinance Compliance

- To Efficiency & Beyond! How to Benefit from Benchmarking Compliance with Strategies for Improving Energy – March 10

[Click here to register](#)

U.S. EPA ENERGY STAR

Power Facility Energy Conference

Annual conference that offers practical energy solutions and opportunities to gain knowledge, connections, and success regarding energy efficiency projects.

- March 17 in Lynnwood WA

[Click here for more information](#)

Electric League of the Pacific Northwest

BOC Technical Webinars

- Benchmarking Simplified: Using Tools & Techniques to Meet Energy Performance Standards – March 23
- It’s Electric: The Impact of Electrification on Building Operations – April 20

[Click here for more information](#)

Building Operators Certification

Efficiency Exchange 2022 Conference

- April 14-15

[Click here for more information](#)

Northwest Energy Efficiency Alliance

WSSHE Spring Symposium

Washington State Society for Healthcare Engineering symposium for health care facility management/line staff, architects, engineers, and contractors

- April 19-22 in Chelan

[Click here for more information](#)

Washington State Society for Healthcare Engineering

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
 - April 19 to Sept 14, 2022 for Washington residents
 - Fall 2022 for Washington residents – location/delivery TBD
 - Level II classes
 - Fall 2022 for Washington residents – location/delivery TBD

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

- Oregon
 - Level I classes
 - March 3, 2022 through Sept 1, 2022

[Click here for BOC Oregon information](#)

Building Operators Certification

Fundamentals of Energy Efficient Building Operations

BOC course providing the basic principles of energy efficiency awareness and practices in commercial buildings. The course is designed for existing Washington State staff wanting a solid foundational understanding of energy efficiency or for those looking for a new career.

- 6 half-day classes from May 17 through June 23

[Click here for more information](#)

Building Operators Certification

Better Buildings, Better Plants Summit

- May 17-19 in person, more info to come

[Click here for more information](#)

U.S. DOE Better Buildings

RESOURCES

The 2050 Project Clean Building Videos

[Clean Buildings](#), a video series by the 2050 Project, takes you on a tour of how commercial buildings in King County and Washington State are reducing energy use and saving money. Topics in the six videos

include LEED Platinum, C-PACER, and the WA State Department of Commerce Clean Buildings Early Adopter Incentive.

BOC Bulletin

In addition to the lead article about benchmarking, read the [Winter/Spring 2022 BOC Bulletin](#) to take a quiz about benchmarking, find out about energy projects managed by BOC graduates, and more.

Integrated Controls Guide and Videos

The [Integrated Controls Implementation Guide](#), published in February 2021 by Slipstream, provides information on integrating networked lighting controls with other building control systems such as HVAC and plug load controls. The 39-page guide includes planning and design; and construction, configuration, and commissioning.

In addition to Slipstream’s implementation Guide, [videos](#) are available for viewing on integrated lighting and HVAC controls. The sidebar on the videos webpage has links to case studies from Slipstream’s Integrated Controls Pilot Program.

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

