

RCM News for August 2021

A Newsletter for Resource Conservation Managers in the Northwest

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ARTICLES

Networked Lighting Control

[A Year with Networked Lighting Control](#), by Craig DiLouie and published in the August 2021 issue of *Building Operating Management*, explores the benefits of advanced lighting controls by reviewing their capabilities over the timespan of a year in three theoretical situations. Recognizing added value in addition to saving energy can provide the justification to have networked lighting controls installed in existing buildings.

Power Management System

Community College of Allegheny County (CCAC) in Pittsburgh, Pennsylvania was able to reduce kWh campus computer consumption by approximately 74 percent with the use of a network-side power management system. The U.S. Department of Energy Better Buildings Solution Center article, "[CCAC Computer Power Management Saves Significant Energy Use and Costs](#)", describes steps the college took to do this, including remotely removing the ability for computers to sleep or hibernate so that they could be turned off with computer power software.

Retro-Commissioning

Using retro-commissioning (RCx), University of Utah Health was able to correct the high use of chilled water in their buildings, as well as optimize air handling units. The article "[University of Utah Health: Using RCx and EMIS to Optimize and Manage Performance](#)", published online at the U.S. Department of Energy Better Buildings Solution Center, discusses how installing a building energy management information system (EMIS) was used to ensure continued savings over time.

UPCOMING EVENTS & TRAINING OPPORTUNITIES

Northwest Facilities Expo

A broad based facilities event with an emphasis on green buildings that features the latest products and services in the industry.

- September 1-2, 2021 – Portland, OR

[Click here for more information](#)

NW Facilities Expo

ENERGY STAR® and Portfolio Manager® Trainings

All are online webinars.

- Portfolio Manager 101 – Sep 2
- Portfolio Manager 201 – Sep 7
- How to Apply for Tenant Space Recognition – Sep 8
- Financing Energy Efficiency Projects – Sep 13
- Portfolio Manager 301 – Sep 14
- Minimizing Water Use in Mechanical/HVAC Systems – Sep 15
- How to Avoid Common Mistakes When Benchmarking Offices – Sep 28
- Ask the Expert – Most Wednesdays at 9:00 AM Pacific time

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

U.S. EPA ENERGY STAR

Benchmarking Energy Use and Assessing Energy and GHG Performance During a Pandemic

- Sept 9, 2021

[Click here for more information](#)

U.S. EPA ENERGY STAR

Better Buildings Webinars

- Internal Engagement and Communication: Sharing Your Energy Vision (with employees) – Sep 14
- Understanding the Role of R&D in the Deployment of Building Energy Technologies – Sep 21
- What's Next in Water Tech for Multifamily Housing – Sep 28
- Planning for the Future: New and Improved Pandemic Protocols – Oct 19

[Click here for more information](#)

U.S. DOE Better Buildings

Lighting Design Lab Webinars

Free online classes

- Cost-Effective Code Compliance: Building Envelope – Sep 14
- Introduction to Central Systems for Heat Pump Water Heating (part 1) – Sep 15
- Introduction to Central Systems for Heat Pump Water Heating (part 2) – Sep 16
- Cost-Effective Code Compliance: Lighting – Sep 21
- Cost-Effective Code Compliance: HVAC – Sep 28

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

Lighting Design Lab

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
 - Sept 29, 2021 through Apr 7, 2022 via Zoom for Western WA residents
 - Oct 20, 2021 through Apr 14, 2022 via Zoom for Eastern WA and Idaho residents
 - Level II classes
 - Oct 13, 2021 through Mar 31, 2022 – via Zoom

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

- Oregon
 - Level I classes
 - TBD
 - Level II classes
 - Sept 7, 2021 through Feb 8, 2022 via Zoom – **REGISTER NOW!**

[Click here for BOC Oregon information](#)

Building Operators Certification

Smart Building Center Technical Webinar Series

- Plug Load Efficiency for Commercial Buildings – Sept 29, 2021

[Click here for more information](#)

Smart Buildings Center

2021 Getting to Zero Forum 2021

Event offering discussion and education on zero energy and zero carbon buildings.

- Oct 27-29, 2021 – New York City

[Click here for more information](#)

New Buildings Institute

RESOURCES

BOC Bulletin

Trends and technologies of smart buildings are featured in the [Summer/Fall 2021 BOC Bulletin](#), published by Building Operator Certification. Short articles about smart buildings include artificial intelligence and machine learning, operational sustainability, and grid interactive efficient buildings. Read the bulletin to find out about how BOC graduates use knowledge gained through BOC classes, and learn about tenant engagement at the South Landing Development in Spokane.

On-Demand Webinars

Previously presented [Better Buildings webinars](#) can be found easily by technology, sector, or “beyond energy” which includes financing, decarbonization, healthy buildings, waste reduction, and other topics. The lists of the on-demand webinars include the year they were presented, and if they were part of the 2021 or 2020 Virtual Better Buildings Summit.

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

