

RCM News for December 2009

A newsletter for Resource Conservation Managers in the Northwest

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Extended Timeline for Shared RCM Program

The deadline for applying for a spot in the Shared Resource Conservation Manager program has been extended to January 15, 2010. The Shared RCM program, sponsored by WSU Extension Energy Program in cooperation with WA State Dept of Commerce, enables local governments for whom a dedicated RCM is not cost effective, to partner with other local jurisdictions in their geographic region to create and share one RCM position. Applications and more information are available at <http://www.energy.wsu.edu/apps/Projects/ResourceConservationManagement/SharedRCMProgramInformation.aspx> , or call Karen Messmer at 360-956-2090.

Green Schools

The American Recovery and Reinvestment Act included \$14 billion to pay for the energy-efficient modernization and renovation of K-12 schools. The 21st Century Green High-Performing Public Schools Facilities included \$6.4 billion to pay for updating and repair projects with an emphasis on sustainable practices and systems that are consistent with the Leadership in Energy and Environmental Design program of the U.S. Green Building Council. See this article in *ED+C (Environmental Design + Construction)*, October 2009, at http://www.edcmag.com/Articles/Article_Rotation/BNP_GUID_9-5-2006_A_1000000000000666242 .

Portable Classrooms

One of the best resources related to portable classrooms is the website for the National Clearinghouse for Educational Facilities, sponsored by the National Institute of Building Sciences. The many publications available on the site cover energy and indoor air quality as well as costs and other related issues in different parts of the country. See this website at <http://www.edfacilities.org/rl/portable.cfm> .

Submetering

"Tracking Energy Usage" is a Web-page article discussing the advantages of submetering power use in large facilities such as a post office. With submetering, energy use by different parts of systems in a building can be observed to determine where efficiencies may be gained and how to take advantage of peak sharing and demand-side management. See this article in *Distributed Energy*, November/December 2009, at <http://www.distributedenergy.com/november-december-2009/tracking-energy-usage.aspx> .

Sustainable Cleaning

"Cleaning Up Green" is a two-part article written by Bill Garland, in the October 2009 issue of *Building Operating Management*:

Part 1: LEED-EB Offers Guidance on How to Create a Green Cleaning Program. See Part 1 at <http://www.facilitiesnet.com/green/article/LEED-EB-Offers-Guidance-On-How-To-Create-A-Green-Cleaning-Program--11192> .

Part 2: [Green Cleaning and LEED Innovation Credits](http://www.facilitiesnet.com/green/article/Green-Cleaning-and-LEED-Innovation-Credits--11193). View Part 2 at <http://www.facilitiesnet.com/green/article/Green-Cleaning-and-LEED-Innovation-Credits--11193> .

College-level Education Opportunities

As a resource conservation manager, you may be interested in opportunities to increase your energy management knowledge and skills. Community colleges are offering more new programs and certificates on energy management and efficiency, which vary in length from two weeks to two years. This information is listed below and eventually will be available on our website, at which time the link will be published in this newsletter.

Edmonds Community College, Edmonds, WA – Energy Efficiency Training

A new two-year Associate of Technical Arts degree in Energy Management is suited for people currently working in the industry, seeking entry-level work in the field, or taking on new responsibilities in energy efficiency at their workplace. Most classes are offered evenings and online. Certificates are also available that can be completed in six months.

For more information go to www.edcc.edu/energy or call 425-640-1640.

Cascadia Community College, Bothell, WA – Energy Management Specialist Certificate

The Energy Management Specialist Certificate prepares a person for employment in careers such as energy auditor, energy analyst, building technician, resource conservation manager, and system technician.

http://www.cascadia.edu/programs/professional_technical_certificates/energy_management_specialist.aspx

South Seattle Community College, Georgetown Campus – Green & Sustainable Training Programs

Existing Energy Audit Courses and Certification prepares students for national certification programs such as the Building Performance Institute and Energy Star.

New programs in the development process include Conservation and Weatherization, Building Sustainability Managers intended for current building managers to learn and incorporate sustainability practices, and a Pre-Apprenticeship Program to prepare students to enter into energy utility, green building, and electrical green jobs field.

http://www.southseattle.edu/green/georgetown_campus.html

For more information, contact Joe Hauth at jhauth@sccd.ctc.edu

Everett Community College

New programs include a four-course Sustainable Business Operations Management Certification (for students with some previous business experience) and a five-day Residential Energy Auditor Certification for those with minimal experience in residential contracting or home inspection.

<http://www.everettcc.edu/green/index.cfm?id=10836> or call 425-388-9243.

Upcoming Events & Training Opportunities

Online Building Science Series

January 11 through June 14, 2010

12 online courses, 2 hours long. Each webinar can be taken as a series or individually. Learn about fundamentals of building science and the energy efficiency industry, or becoming a certified energy auditor.

First class on January 11 is Building Performance Basics Online Course, an introduction to building science and the home energy audit process. Intended for anyone interested in green jobs, building performance or Building Analyst 1 certification.

<http://www.psdconsulting.com/solutions/academy/courses/bpsaweb1001>

Building Operator Certification (BOC) – Free Informational Web Cast

Tuesday, January 12, 2010 8:30 – 9:30 AM Pacific time zone

Register at <http://quest.cvent.com/EVENTS/Info/>

[Summary.aspx?e=8930d7a0-1454-44b7-ab6e-572d20e53647](http://quest.cvent.com/EVENTS/Info/Summary.aspx?e=8930d7a0-1454-44b7-ab6e-572d20e53647)

Electric, Gas and Water Metering Presentation

January 13 at the GA Building, Capitol Campus, Olympia, 10:00am to 11:30am

Intended for facilities managers, this free presentation discusses metering energy and water use in order to track and reduce resource use at the building level. Topics include

available equipment, the state of the technology, and communication issues with control systems.

Please RSVP to Stu Simpson ssimpso@ga.wa.gov

BPI Building Analyst Training and Certification for Residential Energy Auditors and Weatherization Professionals

January 25, 2010 to February 19, 2010

Seattle, WA

An introductory class teaching skills for comprehensive home weatherization audits, also suitable for energy auditors, contractors, home builders, and inspectors who seek greater knowledge about home energy efficiency.

eosalliance.org/bpw-404_01-10_seattle.htm

Green Professionals Conference

January 26, 2010, Portland, OR

Conference focuses on educational and job specific break-out sessions, networking opportunities, and exhibit hall.

<http://www.green-professional.com/>

Infrared for Building Applications Training

February 9-10 and 11-12 in Olympia

February 15-16 and 17-18 in Spokane

A series of trainings on proper use of infrared equipment for accurate assessments of a building's condition. The two-day "Residential & Weatherization" course is followed immediately by a two-day "Schools & Commercial Buildings" course. The first course is a prerequisite to attend the second.

Class size is limited.

<http://www.energy.wsu.edu/documents/events/IR%20Class%20flyer.pdf>

Building Operator Certification (BOC) – Live Technical Webinars

February 17, 2010 – Top Four Energy Tune Up Opportunities

March 18, 2010 – Energy Tune Up – Addressing Problems with Sensor Error and Simultaneous Heating & Cooling

<http://www.theboc.info/webinars/index.html>

Building Operator Certification (BOC) – Level I and Level II Certification course schedule

New level I courses

Everett – March 10, 2010 – September 1, 2010

Renton – April 22, 2010 – October 7, 2010

Tacoma – September 14, 2010 – March 1, 2011

Seattle – October 19, 2010 – April 12, 2011

Description of courses - <http://www.theboc.info/training.html>

http://www.theboc.info/wa/schedule_wa.html

Energy/Facilities Connections Conference

May 12-14, 2010 , Leavenworth, Washington

This conference addresses important economic and energy conservation challenges from a facilities perspective.

Registration information is forthcoming in future RCM News. For more immediate information, call 360-956-2057 or email plantops@energy.wsu.edu.

West Coast Energy Management Congress

June 15 - 16, 2010, Seattle, WA

The largest energy conference and technology expo held on the U.S. West Coast specifically for business, industrial and institutional energy users.

www.energyevent.com.

On-Line AEE Self Study Professional Training Courses

Course titles such as “Basics of Energy Management”, “Fundamentals of HVAC Systems” and “Finance & Accounting for Engineers & Technicians” (new) are available in a home-study format.

<http://www.aeecenter.org/training/>

Energy Events Calendar

<http://www.energyexperts.org/TrainingEducationandEmployment/EventsCalendar.aspx>

Resources for You

Duct Sealing Video available free online

“Duct Sealing for Comfort, Energy and Indoor Air Quality” is a 17 minute video that shows how heating and ventilating ducts move air, where common leaks are, and how to fix them. This video is for everyone – building professionals, do-it-yourself homeowners, and anyone interested in a cost-effective energy efficient action that also improves indoor air quality. View it at <http://vimeo.com/channels/energyexperts#8129040>

[energyexperts#8129040](http://vimeo.com/channels/energyexperts#8129040)

Building Operator Certification (BOC) Bulletin, Summer/Fall 2009

The BOC Bulletin is chock-full of articles including strategic energy management plans for healthcare facilities (page 1), quick tips on air filters, lighting, water and HVAC controls (page 7), targeting the top four most frequently occurring problems when starting a energy management plan (page 10), and info on trainings and conferences.

http://www.theboc.info/pdf/BOC_Bulletin_Fall_2009_Web.pdf

Indoor Air Quality Newsletter

Indoor Air Quality (IAQ) News is an electronic quarterly providing information for improving indoor air quality in Northwest schools. The Fall 2009 edition highlights WSU

Extension Energy Program's resource conservation management program.

<http://www.energy.wsu.edu/projects/building/iaq.cfm>

Washington State Energy Marketplace Directory

An online directory of energy, energy efficiency and sustainable products companies, published by the Washington State Commerce Department.

<http://www.commerce.wa.gov/site/526/default.aspx>

Washington RCM Support

Washington State University Energy Program RCM Support

Check out the "RCMx" where we have moved the RCM Guidebook into web format. 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.

<http://www.energy.wsu.edu/projects/rem/rcm.cfm>

Oregon RCM Support

Oregon Department of Energy RCM Support

<http://oregon.gov/ENERGY/CONS/RCM/rcmhm.shtml>

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Previous issues of RCM News may be viewed at the WSU Energy Program RCM support page:

<http://www.energy.wsu.edu/rcmx/Meetings.aspx>

Send comments or ideas for articles to Karen Janowitz - janowitzk@energy.wsu.edu