

RCM News for May 2009

A newsletter for Resource Conservation Managers in the Northwest

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Energy Efficiency

"Fossil Ridge High School - Fort Collins, Colorado" is a four-page, September 2008, EnergySmart Schools, case study of a new high school built sustainably with energy efficiencies incorporated into the design without extra costs. This case study is from the Building Technologies Program of the Office of Energy Efficiency and Renewable Energy at the U.S. Department of Energy. See it at

http://apps1.eere.energy.gov/buildings/publications/pdfs/energysmartschools/ess_fossil-ridge_cs.pdf .

"School Savings: A Consultant Helps a New Jersey School District Fine-Tune Its Technology," by George Leposky, is a detailed article that takes the reader through three steps to energy efficiency for two existing schools. The energy audit is the foundation for it all. See this five web-page article in *Distributed Energy*, May-June 2009, at

<http://www.distributedenergy.com/may-june-2009/school-savings-facilities.aspx>

Green Retrofits

"The Dollars and Sense of Greening Existing Facilities," by Lee Kaufman, Vice President of Professional Services Group, VFA, includes excellent advice on the most cost-effective choices a facilities manager can make when greening a building. Resource conservation managers will find a number of low-cost practices that can be implemented in schools, academic campuses, and state office buildings. See this article in *Sustainable Facility*, April 2009, at

http://www.sustainablefacility.com/CDA/Articles/Web_Exclusive/BNP_GUID_9-5-2006_A_1000000000000560074 .

HVAC (Heating, Ventilation, and Air Conditioning) and Plumbing

"Valves Spell 'Relief' for New Jersey School District," by staff, explains how new, globe valve actuators are saving energy and keeping the heating and plumbing systems of 40 year-old buildings in excellent condition. See this article in *Engineered Systems (ES)*, April 2009, at http://www.esmagazine.com/Articles/Case_In_Point/BNP_GUID_9-5-2006_A_1000000000000559825 .

Roofs

"Green Focus Turns to Energy-Saving Garden Roofs," by Susan Strong, Executive Director, Extruded Polystyrene Foam Association (XPSA), includes the benefits of green roofs and how to install them whether as a retrofit on an existing building or as part of the design of a new one. The U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) program gives points to green roofs in its certifications for both existing and new buildings. See this article in *Sustainable Facility*, April 2009, at http://www.sustainablefacility.com/CDA/Articles/Web_Exclusive/BNP_GUID_9-5-2006_A_1000000000000561196 .

Water Conservation

"How Low Can You Go?" by Peter Jahrling, Director of Design Engineering, Sloan Valve Company, offers advice on selecting the paths that deliver high efficiencies in plumbing retrofits. See this article in *Sustainable Facility*, April 2009, at http://www.sustainablefacility.com/CDA/Articles/Web_Exclusive/BNP_GUID_9-5-2006_A_1000000000000560147

Job Announcements

Jobs Database at Energy Experts website:

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

Energy Jobs Website

This site provides a search for energy jobs by state, company type, or job category.

<http://www.energyjobsportal.com/>

Another Energy Jobs Website

Energyvortex.com provides a search tool for jobs.

<http://www.energyvortex.com/careercenter/>

Upcoming Events

June 3-5, 2009 – 17th National Conference on Building Commissioning – Seattle, Washington

<http://www.peci.org/ncbc/ncbc09.htm>

June 10-11, 2009 – West Coast Energy Management Congress - Long Beach California

<http://www.energyevent.com/>

June 17, 2009 - Powerful Business Energy Opportunities in a Changing Economy - Bellevue, Washington

<http://www.electricleague.net/>

July 6-17, 2009 – Energy Management Certification Course – Eugene, Oregon

This intense two week course is held on campus at the University of Oregon. Students learn the fundamentals and in-depth details on a spectrum of energy management principles and techniques. At the program website, you can view a short video describing the program and hear from students who have completed the certification.

<http://www.nweei.org/emc.html>

Northwest Building Efficiency Center Regional Events Calendar

<http://nwbuildings.org/EnergyEvents.aspx>.

Building Operator Certification

Sign up for 2009 and 2010 courses with the Building Operator Certification (BOC) Program at the BOC website: <http://www.theboc.info/index.html>

Ongoing - On-Line AEE Self Study Professional Training Courses

Course titles such as "Basics of Energy Management" and "Fundamentals of HVAC Systems" are available in a home-study format.

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

Resources for You

US Department of Energy Recovery Act Clearinghouse

Information and details on the Recovery Act funding opportunities.

<https://recoveryclearinghouse.energy.gov/index.htm>

Northwest Building Efficiency Center

The Northwest Building Efficiency Center delivers technical support on energy efficiency to building professionals in Alaska, Idaho, Montana, Oregon and Washington. You can contact NBEC for practical guidance or library research on implementing energy efficiency projects. Ask our experts at: 866-929-NBEC or send e-mail to: Info@nwBuildings.org

Washington RCM Support

Washington State University Energy Program RCM Support

Check out the new "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>

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