

RCM News for April 2009

A newsletter for Resource Conservation Managers in the Northwest

In this issue:

Controls
Energy Management
Flooring
HVAC
LEED Platinum
Modular Classrooms
Job Announcements
Upcoming Events
Resources for You

Controls

"Networked Controls for a 21st Century University" was written by Theodore G. Fowler, PE, LEED AP, and Salvatore Bonetto, RCDD, EIT. This approach to controls is discussed specifically for new construction with integrated systems including building controls and audio/visual and telecommunications systems. See this article in *Consulting-Specifying Engineer*, March 2009, at <http://www.csemag.com/article/CA6644868.html> .

Energy Management

"School Districts Enlist CPower to Manage Energy Consumption: Schools Positioned to Earn New Source of Revenue by Saving Electricity," by staff, describes one company's approach to energy management will be employed to reduce electricity use in 20 schools in New Jersey. See this article in *Distributed Energy*, March 23, 2009, at <http://www.distributedenergy.com/the-latest/middlesex-school-cpower.aspx> .

Flooring

"USGBC Accepts GREENGUARD Children and Schools Certification as an Alternative Pathway for All Flooring" is an article, by staff, explaining the change allowed by the US Green Building Council (USGBC) that is acceptable for LEED (Leadership in Energy and Environmental Design) credits. See this article in *Oikos Green Building News*, March 2009, at <http://oikos.com/news/2009/03.html#Greenguard> .

HVAC (Heating, Ventilation, and Air Conditioning)

"Alumni Center Adds to Modern Feel with Frictionless Chiller," by staff, explains how the addition of a new, small-footprint chiller to the center's HVAC system met redundancy needs and saved energy dollars. See this case study in *Engineered Systems (ES)*, February 2009, at http://www.esmagazine.com/Articles/Case_In_Point/BNP_GUID_9-5-2006_A_10000000000000516556 .

LEED Platinum

"Chartwell School Receives LEED Platinum Certification," by Cynthia Walker, lists a number of the innovative approaches taken in the design and construction of this new California school such as lighting and daylighting controls, sustainable building framing, photovoltaics, recycling or direct reuse of construction waste, improved indoor air quality, and water savings of 60%. The building was designed to be disassembled in the event that parts had to be moved to accommodate remodeling or expansion. See this article in *FacilityWise*, March 20, 2009, at <http://www.schoolfacilities.com/coreModules/content/contentDisplay.aspx?contentID=3166>.

Modular Classrooms

"The Perfect Classroom: CASE 21 Classroom Solution," by Dawn Ring, describes the application of high-performance principles to the modular classroom. The approach includes attention to tight school budgets, green design, and the integration of classroom organization with modern technology requirements. View this article in *SchoolFacilities.com*, February 24, 2009, at <http://www.schoolfacilities.com/coreModules/content/contentDisplay.aspx?contentID=3105>.

Job Announcements

Mercer Island School District Resource Conservation Manager

This is a half-time position, open until filled. Please see the Mercer Island School District employment site for details:

<http://www.misd.k12.wa.us/departments/personnel/classified.html>

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

Spring 2009 Lighting Class Series

The Lighting Design Lab is offering several one day events in April and May in Spokane, Boise, Bozeman, Portland and Seattle. The morning session is titled "Energy Effective Lamp Technologies" and the afternoon session is titled "Efficient Lighting Techniques and Applications." There is separate registration for each session and advanced registration and payment is required. Visit the Lighting Design Lab website for more details: <http://www.lightingdesignlab.com/index.html>

May 3-6, 2009 - Washington State Recycling Association Annual Conference - Yakima, Washington

<http://www.wsra.net/events/details.asp?Evid=57>

May 5-7, 2009 – Northwest Facilities Expo - Portland Oregon

With a theme of 'Managing Green Buildings' there are a number of seminars targeted at resource efficiency topics.

<http://www.facilitiesexpo.com/fenw/index.po>

May 29-31, 2009 – Imagine Tomorrow – Second Annual High School Energy Competition - Pullman, Washington

<http://www.imagine.wsu.edu/>

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 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>

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 Community Trade and Economic Development Energy Division.

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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