

## RCM News for April 2010

A newsletter for Resource Conservation Managers in the Northwest

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### Energy and Facilities Connections Conference

May 12-14, 2010 in Leavenworth, WA

**SPECIAL – RCM NEWSLETTER SUBSCRIBERS may register for this conference at the Consortium member fee, a savings of \$110.**

AGENDA UPDATE: Due to popular demand, our friends at the Consortium included a milestone session in the conference. The [2010 Energy/Facilities Connections Conference](#) will feature a session on ***Emerging State Activity to Address Building Energy Efficiency – including Engrossed Substitute House Bill (ESHB) 2836 – a \$100 Million Investment.***

Rep. Hans Dunshee's keynote address on May 12th will focus on the potential of EHB 2561, where \$505 million will be awarded to K-12 schools and higher education for projects that improve the energy and operational efficiency of buildings. Remember though, ESHB 2836 kick-starts that effort with \$100 million, and it is not subject to voter approval. Rep. Dunshee is the Chairman of the House Capital Budget Committee and the prime sponsor of EHB 2561 and ESHB 2836.

The ESHB 2836 session will take place on the final day of the conference – May 14th – and features a panel of experts from the Washington State Departments of Commerce and General Administration, and the Office of the Superintendent of Public Instruction. This will be a super opportunity for K-12 and higher education conference attendees to provide input on project criteria to those that will administer the program.

The conference is brought to you by the WSU Extension Energy Program Plant Operations, with sponsorship from NW Energy Efficiency Council, BetterBricks, MacDonald-Miller Facilities Solutions, and McKinstry. Visit the conference website or call Phil Partington at (360) 965- 2057 for details:  
<http://www.energy.wsu.edu/apps/PlantOperations/EnergyFacilitiesConnectionsConference.aspx>

### Building Science

A recorded webinar on saving energy and other resources in commercial buildings -- it applies to municipal and state buildings as well -- covers a variety of topics including Resource Accounting and LEED certification. It is available free anytime at <http://www.energy.wsu.edu/apps/PlantOperations/VideosAndWebinars.aspx> . The webinar can stand alone as an information resource, but it also serves as a preview of the 2010 Energy/Facilities Connections Conference to be held in Leavenworth, Washington, this May 12-14; for information about the conference, go to <http://www.energy.wsu.edu/apps/PlantOperations/EnergyFacilitiesConnectionsConference.aspx> .

### Emissions

"Johns Hopkins U to Spend \$74 Million to Cut Greenhouse Gas Emissions in Half" was written by Gary Haber, Staff, *Baltimore Business Journal*. The university will combine a number of measures that will cut both emissions and energy use. The measures include cogeneration and solar. See this article in the *Business Journal*, March 11, 2010, at <http://baltimore.bizjournals.com/baltimore/stories/2010/03/08/daily39.html> .

### HVAC/R (Heating, Ventilation, Air Conditioning, and Refrigeration)

"Portland State University Ahead of Sustainability Curve" is a short article in the February 2010 issue of *Synergy*. It reports that incentives from the Energy Trust of Oregon made the recent heating and cooling upgrades possible. It includes a link to "Portland State University at the Head of the Class for Investing in Energy-Efficient Buildings," a January 21, 2010, press release from the Energy Trust of Oregon with more information on the upgrades. To read the article and link to the press release, go to <http://energytrust.org/news-events/synergy-newsletter/synergy-archives/detail.aspx?id=925> and scroll about halfway down to the article title.

### Waste Management

"The Business of Food Waste Composting," by Molly Farrell Tucker, Contributing Editor, *BioCycle*, focuses on a successful Georgia-based company that collects and composts commercial food waste. A participant of Atlanta's Zero Waste initiative, the company's major challenge to growth is the shortage of carbon sources (lumber mill waste, wood waste, yard waste) for the composting process. Those sources are, generally, used by power plants. For the resource or facilities manager, this is an interesting look at what happens to food waste collected for re-use in this specific example. View this article in *BioCycle*, February 2010, at <http://www.igpress.com/archives/free/002033.html#more> .

### Water

"Water Conservation" is a two-part article by Loren Snyder, Contributing Editor, *Building Operating Management*, in the March 2010 issue of that journal:

Part 1: "Save Water with the Help of EPA's WaterSense Label and Local Utilities" includes the sidebar, "Tips for Commercial Water Efficiency." Part 1 is at <http://www.facilitiesnet.com/plumbingrestrooms/article/Save-Water-with-the-Help-of-EPAs-WaterSense-Label-and-Local-Utilities--11544> .

Part 2: "Water Conservation Case Studies." A hotel in San Antonio, Texas, and a middle school in Atlanta, Georgia, are featured. See Part 2 at <http://www.facilitiesnet.com/plumbingrestrooms/article/Water-Conservation-Case-Studies--11545> .

"Water-Saving Technologies That Work: Department of the Navy Shares Water-Saving Tactics," by staff, lists and describes 15 tactics, most, if not all, are suitable for state and municipal buildings and school facilities. The article is in *FEMP Focus*, Winter 2010; at [http://www1.eere.energy.gov/femp/pdfs/fempfocus\\_winter\\_2010.pdf](http://www1.eere.energy.gov/femp/pdfs/fempfocus_winter_2010.pdf) , **scroll to the article title at the top of page four.**

### Upcoming Events & Training Opportunities

#### Roadmap for Success: Continuous Energy Improvement

Four online courses on Tuesdays: May 4, 11, 18, 25

Topics include energy benchmarking using Energy Star's Portfolio Manager, setting energy targets, financial analysis, and continuous energy improvement.

Sponsored by BetterBricks in partnership with International Society of Sustainability Professionals  
Distance Learning Sessions

<http://sustainabilityprofessionals.org/roadmap-success-continuous-energy-improvement>

#### Lighting Design Lab Spring 2010 Lighting Class Series

May 5 in Seattle, WA

Morning class – The Impact of New Legislation on Lighting  
Afternoon class – Effective Use of the Newest Lighting Controls  
<http://www.lightingdesignlab.com/classform.php>

#### Energy and Facilities Connections Conference

May 12-14, 2010 in Leavenworth, WA

See first two items at top of newsletter or go to

<http://www.energy.wsu.edu/apps/PlantOperations/EnergyFacilitiesConnectionsConference.aspx> .

#### Energy Efficiency First: A Map to Reducing Costs and Carbon Footprint

May 14, 2010 in Portland, OR

A University of Oregon continuing education workshop on how to integrate energy into management systems, conduct energy assessments, collect data to inform project planning, and execute and document energy projects.

[http://sustain.uoregon.edu/workshops/course\\_desc.php?CourseKey=579284](http://sustain.uoregon.edu/workshops/course_desc.php?CourseKey=579284)

#### Washington State Recycling Association's 30<sup>th</sup> Annual Conference and Trade Show

May 23-26, 2010 at the Hilton Vancouver, Vancouver, WA

"Reflect, Recharge, Recycle"

Special reduced conference registration rate and free annual membership for first time attendees!

Contact Diana Leland at 206-244-0311 or [dleland@wsra.net](mailto:dleland@wsra.net).

[www.wsra.net](http://www.wsra.net)

#### West Coast Energy Management Congress

June 15 - 16, 2010 in 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](http://www.energyevent.com).

#### Energy Management Certification from Northwest Energy Education Institute

July 12-23, 2010 is the classroom portion in Eugene, OR.

This advanced certification program consists of a classroom portion, a workplace project to implement an energy-saving project, and presentation of results. Intended for engineers, technicians, architects, and facility, maintenance and energy managers.

<http://www.nweei.org/emc.html> or call 1-800-769-9687.

#### Building Operator Certification (BOC) – Live Technical Webinars

July 21, 2010 – Energy Tune Up – Optimizing Outside-Air Usage & Equipment Scheduling

September 16, 2010 – Energy Tune Up – Measurement Tools for Building Energy Diagnostics

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

#### 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/>

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

Ideal for operations and maintenance staff working in public and private commercial buildings. Classes are held once a month.

Level I courses

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](http://www.theboc.info/wa/schedule_wa.html)

#### Energy Events Calendar

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

## Job Opportunities

### Shared RCM Request for Proposals

This is a Shared Resource Conservation Manager (RCM) position. The City of Bonney Lake is posting the RFP and the RCM will serve a group of partners. The service will develop and implement a cross-jurisdictional RCM program to increase resource efficiency and reduce resource operating costs in facilities owned and operated by Bonney Lake, Buckley, Sumner and the Sumner School District. See the listing on the Association of Washington Cities website:

<http://www.awcnet.org/apps/jobnet/jobinfo.asp?id=12165&sortBy=1&region=ANY&category=7&employmentType=1>

## Resources for You

### "Closed Loop Scoop" Newsletter

The Washington Department of Ecology publishes a consistently helpful newsletter providing articles and program information on recycling and solid waste reduction. The April 2010 edition includes an update on the Environmentally Preferable Purchasing program. Visit the Department of Ecology website to access this newsletter. Subscription information is contained in each newsletter.

<http://www.ecy.wa.gov/biblio/closedloop.html>

### Washington Green Schools

K-12 voluntary certification program to reduce a school's resource consumption.

[www.wagreenschools.org](http://www.wagreenschools.org)

### 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>

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