

June
2010

New Energy Audit Tool Available



Recycle 101 pg. 3



A new tool to help schools and businesses save energy and money is now available. The tool was originally created by the Oregon Department of Administrative Services to help them determine how much electricity and money was unnecessarily being wasted by machines when not being used nights and weekends.

The results were pretty startling and have helped their green teams successfully make the case to management that policies to address this waste are needed. This version was adapted by Marion County to make it more user-friendly for businesses and schools.

To use it, simply count how many machines and lights have been left on. The tally can be entered into the spreadsheet and the formulas automatically calculate the kilowatt hours (kWh) being wasted and how much money is lost because of it. Other features include:

- ◆ The option of counting machines that have been turned off, but are not unplugged. These machines continue to draw energy even though they are turned off. This is sometimes referred to as “phantom loads” or “vampire energy.”
- ◆ An option to count the number of machines that are turned off. Using these tallies, the tool will generate the percentage of machines left on.



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MARION COUNTY PUBLIC WORKS - ENVIRONMENTAL SERVICES

Master Recycler Newsletter

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*"I am only one,
But still I am one.
I cannot do everything,
But still I can do something;
And because I cannot do
everything
I will not refuse to do the
something that I can do."
-- Edward Everett*



- ◆ Can be customized to account for different energy costs. The tool estimates energy use based on averages provided by the EPA, Oregon Department of Energy and others. If the specific amount of energy used by equipment is known, there is the option of modifying the watts used to make the tool more accurate.
- ◆ Summarizes the findings and includes a bit of information on the environmental impacts of the results.

There is also a page of additional resources, including links to other calculators, the Kill-a-Watt device, a waste audit form, and a sample policy requiring employees to turn off their computers at the end of the day.

The tool will likely continue to change as feedback is received. The latest version will always be posted on Marion County Public Works – Environmental Services’ EarthWISE website www.co.marion.or.us/PW/ES/earthwise/resources.htm. People are encouraged to adapt and share this free tool!



Another quick tool for residential use!

GE has an interactive website that can quickly summarize energy use of common household appliances which can be customized to reflect energy costs in your state.

www.ge.com/visualization/appliances_energyuse/index.html

AOR Conference Scholarships Available!



Recycling Advocates is offering conference scholarships to 10 lucky up-and-coming recyclers and activists to attend the Association of Oregon Recyclers annual conference in Salem June 17-19, 2010.

Recycling Advocates has a long history of working with the Master Recycler program. These scholarships are one of Recycling Advocates’ efforts to motivate Master Recyclers and other newcomers to take their participation and awareness about recycling issues to the next level.

To qualify for the scholarship, which pays for your registration to the AOR conference, RA asks that you agree to volunteer for 10 hours on an RA project, or one of your choosing, such as writing a newsletter article or adding content to our web site.

This scholarship program is primarily targeted towards current Master Recyclers or people who have completed the Master Recycler classroom program, although others are also eligible. The intent is that the volunteer pay-back hours for RA’s projects will qualify for MR pay-back hours.

Applications must be submitted by June 4, 2010. Scholarship winners will be notified promptly via e-mail and will then be asked to complete an AOR conference registration form at that time. Please do not submit a registration form directly to AOR if you wish to receive the scholarship. The scholarship covers full registration only. Apply online at www.recyclingadvocates.org or call 503-777-0909 for more information.

What Can I Count Towards My 30 Hours of Payback?

In the spring and summer we get a lot of questions about what types of projects qualify as Master Recycler payback hours. We've had the question come up often enough that we felt it would be helpful to outline what types of hours qualify.

Basically, we're looking for payback hours that teach the community about the need to reduce waste, recycle, compost, etc. There are many different types of volunteer projects that can count towards payback hours, and as long as the bulk of the hours are spent on educating the community about the topics related to our programs, they are acceptable.

A common request that we've had is for Master Recyclers to sort recyclables at community events. We don't approve hours that are spent handling the recyclables because, while it's a great thing to do, it doesn't really meet the program's mission to provide community education.

If, however, a volunteer is helping teach the organizers of an event to develop a recycling program or creating materials to explain the importance of recycling and doing it correctly, then that's more in line with the class' goals. Better yet would be if someone was staffing a booth at an event so that they can have one-on-one conversations with people about the topics that we cover in class.

Some of you have certainly gotten very creative! If you have a question about a project that you have in mind, please don't hesitate to ask Bailey (bpayne@co.marion.or.us).



Put In Your Two Cents!



There are currently about 10 Master Recycler programs being offered throughout Oregon. Many of the program facilitators for these classes, as well as numerous people in the recycling & solid waste management industry are collaborating with Oregon State University's E-campus to create an online class called "Recycling 101."

Recycling 101 will allow people to...

- ◆ take the class at any time of the year
- ◆ take the sessions at their own pace
- ◆ take the class in Spanish

It will also make it easier for some people to participate, particularly people that live in rural areas, can't take evening classes due to childcare, lack of transportation, disability, or can't drive at night.

The idea isn't to replace the "in-class" version of the class, rather this would be offered in addition to the existing "in-class" courses, making it available year-round.

The Master Gardeners Program has already created an online version of their course. For more information, visit: ecampus.oregonstate.edu/workforce/master-gardener-online.

Please share your thoughts by completing this quick 12 question survey!

www.surveymonkey.com/s/R101

Feel free to share the link with others.



TASTY TIDBITS



Need Another Reason?

The President's Cancer Panel – which New York Times Columnist Nicholas Kristof calls the “Mount Everest of the medical mainstream” – says that “the public remains unaware of many common environmental carcinogens.”



One of the panel's recommendations for individuals to avoid exposure is to drink water from stainless steel, glass, or other BPA and phalate –free containers. The report also makes a point to note that this practice also “will decrease the need for plastic bottles, the manufacture of which produces toxic by-products, and reduce the need to dispose of and recycle plastic bottles.”

Eco-Healthy Home Training

The Oregon Environmental Council is offering a full-day training for those interested in learning about reducing toxins in the home. Participants will also learn to become more effective community advocates and to lead workshops to bring the Eco-Healthy Home materials to more social circles.

The training is free, but space is limited to 16 participants. Attendees are asked to facilitate two workshops, helping to bring the Eco-Healthy Homes Kit into more Oregon communities

Saturday, June 12th, 9:00am – 3:00pm at OEC's offices in Portland, OR

Visit www.oconline.org/our-work/kidshealth/tinyfootprints to sign up..



“Green” Landscapes

THE SUSTAINABLE SITES INITIATIVE

There has been a growing movement called *The Sustainable Sites Initiative* to create a green rating system for landscapes similar to LEED for buildings. When implemented, these landscapes can provide many of the ecosystem services that undeveloped landscapes do - helping to clean water & air and provide wildlife habitat to name just a few.

There are 150 pilot projects around the nation, with three in Oregon.

For more information visit www.sustainablesites.org



Information Please!

The Master Recycler Newsletter tries to bring you interesting and relevant stories each month, but it really only delivers a fraction of the great information out there. If you are interested in keeping up with what is going on in the world of waste reduction here are a few other great resources:



www.recyclingadvocates.org
www.aorr.org/newsletters.html
www.resource-recycling.com - click on link for Email newsletters
www.wasterecyclingnews.com/newsmail/signup.html - a daily news digest.

MASTER RECYCLER NEWSLETTER

Energy Audits

Rural Energy Audits are offered by the OSU Energy Efficiency Center (EEC)



for small and medium-sized agricultural operations. Student teams led by engineering faculty or graduate students visit Northwest producers and seek ways to increase profits by increasing productivity and reducing energy use and waste. Within 60 days, EEC sends a report to the client with analysis and specific recommendations to improve efficiency. If you are interested in a Rural Energy Audit, contact:

Nathan Keeley, OSU EEC Agricultural Operations Manager
 Voice: 541-737-3004,
 Fax: 541-737-5035,
 Email: ruralenergyaudits@engr.orst.edu
 Visit eec.engr.oregonstate.edu for more info.

Here's Your Chance...

Friends of Salem Saturday Market is looking for a seasonal part-time Zero Waste Zone Project Coordinator responsible for implementing the new ZWZ at the Market, supporting vendors, ensuring requirements are followed, teaching shoppers to separate materials, and managing ZWZ volunteers . The Coordinator will also meet with potential sponsors, answer vendor questions, and ensure the project complies with grant requirements.

Interviews will begin next week, so apply as soon as possible!
 Send resume, cover letter, and references to Kat Franken at ZeroWaste@friendsofsalemsaturdaymarket.org. Questions? call 503-877-FSSM.

The City of Portland is seeking An AmeriCorps Volunteer to serve as a Multifamily Community Outreach Specialist who will provide education and outreach to affordable and low-income housing communities.

For detailed information and a full job description, see positions page at NWSA: www.northwestserviceacademy.org. Deadline to apply is June 30th.

Call to Serve



Marion County's Master Recyclers are amazing! We now have over 550 people that have gone through the program since it first began in 1992! Here are some opportunities for payback hours this month.

Sunday, June 20th

Silverton Strawberry Festival

Master Recyclers are needed to staff recycling stations and educate festival-goers on proper recycling techniques. The festival hours are 8 am to 6 pm. Contact Sheldon Traver at 503-507-9953 or sheldontraver@gmail.com for shift times or more information.

Saturday, June 26, Sunday June 27

World Beat Festival, Salem

Master Recycler Volunteers needed to staff recycling stations to educate fair-goers on proper recycling techniques. Shifts are:

6/26 -9:30 am-1:30pm ; 1:00pm-5:15pm ; 5:00pm-9:00pm and 7:00pm-11:00pm

6/27 -9:30am-2:00pm ; 2:00pm-6:30pm

There are also other volunteer opportunities that are not eligible for payback hours on Thursday, June 24 and Friday, June 25 as well as during the event. For volunteering 4 hours you get t-shirt!

If anyone is interested in helping out please contact Dorothy "Dotty" Tessler 503-856-9066.

Thursday, July 8 - Sunday, July 11

Marion County Fair, State Fairgrounds

Be a part of the coolest little fair in America while helping to spread a little greenness around. Master Recyclers are needed to answer questions and give advice to an inquisitive public. Two 4 hour shifts each day: 10 am - 2 pm & 2 pm - 6 pm. Contact: Alan Pennington 503-365-3188 or apennington@co.marion.or.us

Friday, August 6th, Saturday August 7th and Sunday August 8th

Homer Davenport Days, Silverton

Master Recyclers are needed to staff recycling stations and educate festival-goers on proper recycling techniques. The festival hours are 10 am - 10 pm Friday and Saturday, and 10 am - 5 pm on Sunday . Contact Sheldon Traver at 503-507-9953 or sheldontraver@gmail.com for shift times or more information.



Events & Occasions (cont...)



Thursday, June 3, 6:30 pm

Square Foot Gardening Presentation—Free

Macleay Grange, 8312 Macleay Road, Salem

Learn the basics of Square-foot gardening. Hands on demonstration of building the boxes, preparing the planting medium and making the compost. Led by Pat McCafferty. The second in our "People's Chataqua" series. Join us! Great for older folks and apartment dwellers or anyone who wants to learn to grow food without tilling and row cropping. Call 503- 873-6377 for more information.

Saturday, June 5, 9:00 a.m. – 2 p.m.

Native Plant Society Field Trip

Kingston Prairie Preserve

This 52 acre Nature Conservancy Preserve southeast of Stayton is the best example of native prairie remaining in the central Willamette Valley. Both wet and dry prairie habitats harbor native grasses and host several rare wildflowers. Bring water and lunch. Sponsored by the Willamette Valley Chapter of the Native Plant Society, the hike is free and open to the public. For directions or questions, call John Savage at 503-399-8615 after 7 p.m.

Saturday, July 11 - Sunday July 12

Family Nature Retreat

Drift Creek Camp (inland from Newport, Oregon)

Bring your family for this exciting overnight weekend at Drift Creek Camp. Participate as a family in short naturalist hikes and exploration trips. Topics include wildflowers, nocturnal animals, nature photography, and much more! \$100 for a family of two; \$25 each additional person. Cost includes lodging and three meals. For more details and the full schedule, please [click here](#). Call or email 503-391-4145 or fselc@fselc.org to reserve your place. Limited to 12 families! *Deadline to register is Monday, June 21. No refunds given after this date*

Thursday, June 17 - Saturday, June 19

Association of Oregon Recyclers Conference

Salem Conference Center, 200 Commercial St. SE

Visit www.aorr.org for conference schedule. A limited number of scholarships are available through Recycling Advocates at www.recyclingadvocates.org. Early registration has been extended through June 2.

Monday, July 19 - Friday, July 23

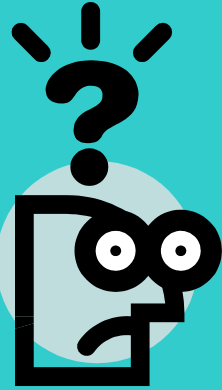
Summer Day Camp, 4th and 5th Grades

Monday, July 26 - Friday, July 30

Summer Day Camp, 6th, 7th and 8th Grades

FREE! Applications are due Tuesday, June 15. Please note that a short evaluation by your child's teacher is included on the application. Applications can then be returned by the teacher via in-district mail (if student attends a school in the Salem-Keizer school district). The student's grade is what s/he is entering the fall of 2010. Visit www.fselc.org to download an application.

The Back Page



Winner of the
“They Might Be Missing the Point”
award??



Marion County Public Work—Environmental Services

5155 Silverton Rd. NE

Salem, OR 97305