



Waste Watcher

Spring 2007



Quarterly, electronic resource conservation newsletter for state agency resource coordinators

DAS Buildings Savings Update

The data is always two months behind due to billing cycles. All bills are compared to the calendar year 2000 as a baseline. The goal and OAR requirement is a 10% reduction in electricity and natural gas usage. The data is not adjusted for weather or any other factors. Electricity is reported in kilowatt-hours (kWh) and gas in therms; the % column is combined electric and gas savings in Btu's compared to the year 2000 usage; and the cost is combined electric and gas. This list does not include all DAS-owned or operated buildings. Detailed graphs are available upon request. *Data is now year-to-date, rather than monthly.*

January – December 2006 data are as follows:

	Electricity	Gas	%	Cost
• Agriculture:	1,013,502	17,709	-35%	\$ 99,696
• Albina:	553,263	4,864	-36%	40,048
• Archives:	1,255,594	40,612	-18%	138,707
• Blind Comm:	340,809	7,228	-9%	38,105
• Burns:	525,037	---	+33%	29,548
• Central Pt:	518,468	13,323	-16%	47,654
• Employ:	4,244,173	---	-13%	290,228
• Executive:	968,771	10,687	-17%	91,302
• Gen Svcs:	691,472	9,663	-20%	70,077
• GS Annex:	47,437	699	-12%	5,136
• Hum Svcs:	3,734,337	38,830	-27%	329,164
• L&I:	2,942,015	35,864	-17%	258,519
• Library:	536,193	11,587	-4%	53,429
• NMOB:	1,417,575	1,482	-14%	111,493
• NPSOB:	537,226	28,466	+20%	62,749
• OPSOB:	266,989	2,765	-9%	19,569
• Port SOB:	2,817,373	20,313	-18%	224,277
• Port MP:	227,027	4,428	-33%	24,409
• Print Plant:	1,760,510	8,243	-13%	139,181
• Prop Dist:	337,353	14,494	-9%	36,281
• Pub Svc:	2,558,653	4,145	-11%	190,893
• Public Util:	1,481,546	1,753	-17%	117,150
• Real Estate:	206,124	7,471	-12%	26,248
• Revenue:	6,724,796	74,527	-20%	525,676
• Salem MP:	440,198	11,266	-25%	48,207

TOTAL DAS: 48,732,861 476,204 -17% \$3,165,072

Note: DAS is investigating factors for buildings not meeting 10% goal. Above list is not inclusive. These figures are for DAS buildings not in need of baseline adjustments due to renovations etc.

Environmentally Preferable Purchasing

Environmentally preferable purchasing and sustainability in general, is becoming a foundational consideration for all types of procurement. Choose products that have a lesser or reduced effect on human health and the environment. According to Greg Hopkins with the State Procurement Office: "When comparing products, ask the following questions: *Is the product less hazardous than other similar products? *Is it made from recycled materials? *Will it be recycled or have a minimal impact at end of life? *Does it conserve energy or water? *Is it made from plant-based raw materials? *Is there a rating or information about the product from a reliable third party? *Does it support the local economy?"

For more info: <http://www.epa.gov/epp/>

Resource Conservation Updates

Weather – According to NOAA, "The Temperature outlook for FEB-MAR-APR (FMA) 2007 calls for warmer than normal conditions over most of the northern two-thirds of the nation... including Alaska."

For the National Weather Service forecast for Portland: <http://www.wrh.noaa.gov/pqr/>

Time Change – The standard dates for North American Daylight Saving Time (DST) changed in March 2007. **Previously**, DST began on the first Sunday in April and ended on the last Sunday in October. **As of March 2007**, DST began on the second Sunday in March and ends on the first Sunday in November. These measures are being taken to enhance energy conservation efforts. For more information, see Sec.110 of the Energy Policy Act of 2005: <http://tinyurl.com/8euew>

Tip of the Month

Turn off unused machines. Even in standby mode, computers and machines can draw a lot of power. Even if networking prohibits shutting down a computer, you can save substantially by turning off the monitor. A 17-inch monitor that is popular today can use up to 30 percent more energy than 14-inch monitor. Flat panel monitors are more energy efficient. Make sure also, that under desk foot stool heaters are turned off when the office is unoccupied. Make sure the copiers in your office are set to use the "power save" feature and are programmed to power-down automatically at the end of the business day. If you have an older model copier that does not have this feature, consider replacing it with one that does.



Statewide Recycling Efforts Are Paying Off

The State of Oregon has received the recycling report from Garten Services, Inc. for 2006 and according to their records the state has recycled approximately 45,508 pounds of waste paper and 914 pounds of plastics.

According to statistics from the Department of Environmental Quality (DEQ) and Marion County Environmental Services, the paper products we have recycled this year means that we:

- saved the fiber equivalent to 387 pulp trees;
- reduced air emissions at paper mills by 11,377 pounds;
- reduced water consumption at mills by 273,048 gallons;
- saved energy equivalent to 2,184 gallons of gasoline;
- avoided costs associated with hauling away 114 cubic yards of waste;
- reduced greenhouse gas emissions equivalent to removing 14 passenger cars from the highway for one year.

Additionally, the plastic products we recycled:

- reduced greenhouse gas emissions equivalent to removing 0.17 passenger cars from the highway for one year and
- saved energy equivalent to 64 gallons of gasoline.



Oregon's Capital City is Named "Green Power Community"

Salem has become the first state capital and only the sixth city in the nation to be named a "Green Power Community" by the U.S. Environmental Protection Agency (EPA). On December 4, 2006 the EPA extended the honor to Salem according to a newsletter from the City of Salem stating, "the EPA extends the honor to communities that show their environmental commitment by purchasing green power". Salem also reached the Green Power Challenge goal set by the City Council in July. More than 3,000 Portland General Electric customers now receive renewable energy which is a 20% increase in just five months. Socorro Rodriguez, EPA's Oregon State Director stated for the newsletter that this is an excellent example of how voluntary programs like the EPA's Green Power Partnership can offer municipalities options that can mean a cleaner environment and a more vibrant local economy. Salem became a Green Power Community because more than two percent of the PGE power consumed within the city limits is from renewable sources such as geothermal, wind and low-impact hydro power. Another factor was the Salem City Council's commitment to put city government's green power consumption at three percent. According to the newsletter, by hitting their goal, Salem citizens have avoided generation of an estimated 25.2 million pounds of carbon dioxide per year – the equivalent of not driving a car 27 million miles, based on a PGE customer selecting Green Choice and using 1,000 kilowatt hours per month for one year. Congratulations Salem!

PGE's residential and small business customers can continue to purchase renewable energy by enrolling at: <http://www.portlandgeneral.com/renewables.asp?bhcp=1> or by calling 1-800-542-8818.

Resource Conservation Management Program
Statewide Resource Coordinator: Pamela Branczek
Phone: (503) 378-2865 x 241
Fax: (503) 373-7210
Email: Pam.Branczek@state.or.us
Web Page:
<http://www.das.state.or.us/DAS/FAC/recyclin.shtml>

"The Waste Watcher" is distributed by the Resource Conservation Management Program, Department of Administrative Services, Facilities Division, 1225 Ferry St, SE U100, Salem, OR 97301-4281. Material may be reprinted in whole or in part; please credit DAS or contributor. Please contact the RCM Program if you'd like to be removed from the distribution list.