



# ENERGY UPDATE

## An update to the state of energy in the State of Oregon

### October 2007



#### General Updates

- Weather – the temperature and precipitation outlook for the next three months reflect the La Nina impacts...temperatures are expected to average above normal over most the country.  
<http://www.cpc.ncep.noaa.gov/products/predictions/90day/foxus05.html>
- Steam rates – EWEB is increasing rates, which will impact the Eugene State Office Building.

#### 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–August 2007 data are as follows:

	Billed Electricity	Billed Gas	Billed Cost	% change
• Agriculture:	697,209	11,623	\$ 72,492	-31%
• Albina*:	376,776	3,829	29,792	-21%
• Archives:	834,342	20,654	91,748	-28%
• Blind Comm:	228,482	5,767	28,190	+1%
• Burns:	342,766	---	18,977	+33%
• Central Pt:	365,122	8,974	34,762	-8%
• Commerce*:	222,255	3,743	24,125	-9%
• Data Ctr.*:	4,099,659	5,863	305,628	N/A
• Employ*:	1,671,321	---	132,859	-13%
• Executive:	619,077	6,508	62,830	-18%
• Gen Svcs:	464,066	7,041	51,035	-17%
• GS Annex:	32,026	486	3,670	-9%
• Hum Svcs:	2,721,560	22,248	238,018	-21%
• L&I:	1,881,728	23,426	172,727	-19%
• Library*:	358,783	6,821	37,963	-17%
• NMOB*:	924,381	8,863	87,808	-16%
• NPSOB:	324,137	10,386	32,660	-15%
• OPSOB:	185,054	1,945	14,607	-4%
• Port Lab*:	1,065,198	17,583	100,067	-4%
• Port SOB:	2,424,908	12,909	162,262	-0%
• Port MP:	141,745	2,076	15,790	-44%
• Print Plant:	1,183,054	5,356	110,876	-10%
• Prop Dist:	208,301	9,656	27,367	-13%
• Pub Svc:	1,651,622	2,667	130,392	-14%
• Pub Utility:	1,008,582	1,120	84,998	-15%
• Real Estate:	136,375	4,907	18,330	-12%
• Revenue*:	3,701,178	45,752	320,487	-10%
• Salem MP:	262,616	8,320	33,066	-20%
• Spring MP*:	67,651	857	11,067	-22%

**TOTAL DAS: 32,808,202 289,412 \$2,851,834 -10%**

Note: DAS is investigating factors for buildings not meeting 10% goal.

\* Baseline adjusted for weather and other factors.

#### Interagency Sustainability Coordinators Network and SORT

Recently, DAS made the difficult decision to disband the State of Oregon Resource Team (SORT) after 15 years of participation in state agencies. The benefit of SORT was to delve into the different elements of resource conservation at the root level and look for efficiencies. However, the state government is heading to a more comprehensive sustainability foundation, of which resource conservation is a part, but not the entirety. Therefore, with support from the Oregon Sustainability Board, DAS is re-energizing the State Interagency Sustainability Network and those coordinators will pick up some of the valuable aspects that SORT provided for state agencies. Thanks to everyone who participated in SORT over the years!!! Your contributions have made a big difference for the state.



#### Baseline Adjustments

We finally have baseline adjustments for most of the buildings that have been missing data due to new construction or major renovations.

This is thanks to our energy intern, Alison Christensen, who has worked on this project for several months. You can see that once these numbers were plugged in, it significantly dropped the DAS total. It's a concern as we move forward with our programs and implementing the Governor's initiatives.

#### Sustainable Halloween

Halloween is just around the corner. Besides ghoulish fun, it also means lots of waste for our costumes, parties, and candy wrappers. What's a sustainably-minded person to do to eliminate this garbage, but still enjoy the holiday in our homes and offices? Here are some suggestions:

- Have your children carry pillow cases or canvas bags when trick-or-treating, rather than single-use plastic bags.
- Make costumes from items around your house that can be reused later.
- Give bulk candy to co-workers at your desk, rather than individually-wrapped items.
- Be sure to compost your pumpkins, gourds, and other natural Halloween decorations.



#### Did you know...



...Every ton of recycled office paper saves 380 gallons of oil.

Source: <http://library.thinkquest.org/11353/facts.htm>

#### TIP OF THE MONTH

Reuse all those extra forms and packets from open enrollment. Since many employees don't need to fill anything out, return the extras to PEBB to reuse in 2008.