



# ENERGY UPDATE

## An update to the state of energy in the State of Oregon January 2008



### General Updates

- Weather – most of the nation, including the Northwest, is likely to experience above average temperatures over the next three months, based on a combination of trend and La Nina influences.

<http://www.cpc.ncep.noaa.gov/products/predictions/90day/foxus05.html>

### 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 buildings without baseline adjustments are not normalized 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; not all utilities. This list does not include all DAS-owned or operated buildings. Detailed graphs are available upon request.

January–November 2007 data are as follows:

	Billed Electricity	Billed Gas	Billed Cost	% change
• Agriculture:	952,623	16,539 \$	100,126	-31%
• Albina*:	501,022	4,969	39,357	-21%
• Archives:	1,124,382	27,524	123,955	-29%
• Blind Comm:	317,473	9,410	40,586	+11%
• Burns:	477,486	---	26,405	+33%
• Central Pt:	496,724	13,126	48,324	-7%
• Commerce*:	295,024	5,205	32,495	-9%
• Data Ctr^:	5,755,448	8,104	431,863	N/A
• Employ*:	2,243,800	---	179,938	-13%
• Executive:	845,622	8,852	86,240	-21%
• Gen Svcs:	620,878	9,390	68,718	-19%
• GS Annex:	43,684	599	73,656	-9%
• Hum Svcs:	3,690,226	31,277	325,536	-23%
• L&I:	2,569,208	32,649	237,392	-19%
• Library*:	483,756	9,635	51,114	-17%
• NMHD*:	66,070	3,941	10,871	-20%
• NMOB*:	1,259,274	12,461	120,636	-16%
• NPSOB:	431,421	13,202	43,335	-21%
• OPSOB:	246,975	2,619	19,588	-5%
• Port CL*:	1,444,577	24,943	137,667	-1%
• Port SOB:	3,327,761	17,745	219,418	+3%
• Port MP:	191,401	2,829	21,543	-42%
• Print Plant:	1,687,479	7,005	152,461	-9%
• Prop Dist:	272,721	11,362	34,192	-15%
• Pub Svc:	2,232,830	3,403	176,433	-15%
• Pub Utility:	1,372,591	1,515	117,014	-16%
• Real Estate:	181,099	6,707	24,670	-12%
• Revenue*:	5,007,653	61,324	425,603	-10%
• Salem MP:	355,779	10,758	44,015	-25%
• Spring MP*:	94,643	1,169	6,302	-22%
<b>TOTAL DAS:</b>	<b>45,026,928</b>	<b>414,191</b>	<b>\$3,942,246</b>	<b>-17%</b>

Note: DAS is investigating factors for buildings not meeting 10% goal.  
\* Baseline adjusted for usage patterns, project impacts, and weather.  
^ Baseline adjustment under further analysis.

### Cold Weather

This month had some very cold weather, as we all experienced. This means the boilers are working harder to keep the buildings warm, some of them even having to run 24/7 to ensure our spaces are 72 degrees during the workday. We can all do our part to help the systems run easier by managing blinds to let in the sun during the day, but keep out the cold at night. Also, please leave space heaters at home. They are not allowed by our policy and will be removed if found. Instead, report any temperature discomfort to your building manager. If that doesn't help, you could purchase a Cozy Toes or Cozy Legs through Office Max. Those are allowed, consume 90% less energy than a space heater and don't confuse the building system, which creates cold spots in other places.

### Sustainable Procurement and Internal Operations Policy

The Oregon Sustainability Board has charged DAS with developing a new statewide policy to aid agencies in making the most sustainable purchases, internal operations, and disposal of materials. The policy team is making good progress and plans to have a draft for review by the Interagency Sustainability Coordinators Network meeting in May and a final for DAS Executive Staff consideration in late June.



### What is "commissioning?"

Commissioning is a term that we are hearing more and more in building construction and renovation, but what does it mean? Commissioning is a technical verification process of building systems during the design, construction, and early occupancy of a new or renovated building. Conducted by a third-party, commissioning acts as a powerful tool to ensure buildings are designed, built, and operated to the owner's requirements.

[http://www.betterbricks.com/graphics/assets/documents/Commissioning\\_Final.pdf](http://www.betterbricks.com/graphics/assets/documents/Commissioning_Final.pdf)



**TIP OF THE MONTH:** Check for leaks in kitchens and bathrooms of your buildings. In just one month, a leaking water faucet can waste hundreds of gallons of water. Report any leaks to your building manager immediately.

<http://www.sanjoseca.gov/esd/natural-energy-resources/ER-Tips-home.htm>

**Did you know...** Americans use 50 million tons of paper annually -- consuming more than 850 million trees.

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