



# ENERGY UPDATE

## An update to the state of energy in the State of Oregon November 2007



### General Updates

- Utility prices: ♦ PGE: 1% increase for 2008 and 4-5% annually through 2012 ♦ Pacific Power: 3-4% increase in 2008 ♦ NW Natural: 8-10% DECREASE in 2008.

### 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–September 2007 data are as follows:

	Billed Electricity	Billed Gas	Billed Cost	% change
• Agriculture:	789,161	12,199	\$ 81,031	-31%
• Albina*:	420,105	3,907	32,770	-20%
• Archives:	932,707	21,473	101,420	-30%
• Blind Comm:	259,216	6,260	31,566	+3%
• Burns:	386,582	---	21,381	+35%
• Central Pt:	412,290	9,602	38,510	-7%
• Commerce*:	247,515	3,917	26,644	-13%
• Data Ctr^:	4,673,846	6,317	349,233	N/A
• Employ*:	1,844,574	---	147,429	-8%
• Executive:	700,955	6,713	70,457	-18%
• Gen Svcs:	517,940	7,293	56,490	-17%
• GS Annex:	36,106	490	4,071	-8%
• Hum Svcs:	3,071,640	23,289	267,396	-21%
• L&I:	2,119,215	23,962	191,975	-20%
• Library*:	404,142	7,003	41,746	-22%
• NMHD*:	54,443	2,856	8,531	-24%
• NMOB*:	1,050,473	9,577	99,353	-17%
• NPSOB:	363,588	10,918	36,017	-17%
• OPSOB:	207,603	2,035	16,259	-4%
• Port CL^:	1,185,186	18,690	110,749	N/A
• Port SOB:	2,761,843	8,652	145,885	-0%
• Port MP:	156,548	2,114	17,416	-43%
• Print Plant:	1,366,022	5,453	125,368	-9%
• Prop Dist:	232,801	9,669	29,185	-13%
• Pub Svc:	1,847,606	2,759	145,819	-15%
• Pub Utility:	1,138,664	1,188	96,258	-15%
• Real Estate:	152,575	5,110	20,095	-12%
• Revenue*:	4,127,546	46,547	353,763	-20%
• Salem MP:	281,628	8,505	35,048	-24%
• Spring MP*:	76,445	865	5,003	-17%
<b>TOTAL DAS:</b>	<b>37,029,629</b>	<b>303,260</b>	<b>\$3,197,007</b>	<b>-11%</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.

### Oregon Sustainability Board Meets in Lakeview, OR

The Oregon Sustainability Board (OSB) met in Oregon's tallest town, Lakeview, for its November meeting. The OSB was tying its meeting to the opening of a new Collins Companies small diameter saw mill and the signing of a 20-year forest stewardship contract between the local communities and U.S. government (BLM). Lake County is working to become Oregon's first carbon-neutral county and it shows in the progressive thinking that is occurring. The forest stewardship contract allows Collins Companies to sustainably harvest the logs from the BLM tract of land, which guarantees stock for their mill, as well as lowers the fire danger and increases the forest health. The by-products that they are not using in their final product will be sent next door to the new woody biomass plant that is being constructed. The biomass plant will be heated by geothermal heat from the town station, and will produce electricity to ship to California. The extra steam generated through the biomass plant will heat the kilns at the mill that dry the wood. It's a closed-loop, progressive design and thinking. In addition, all of this helps the local economy and ensures stability for the railroad, which is an important part of the picture for shipping the products to their destination.



### DID YOU KNOW:

The cost of electricity is 98% of the total cost of a motor over its life. How – and how often – a motor is run can have a large impact on the total cost of ownership.

Introduction to Energy Systems, Industrial Efficiency Alliance, 2006

### Holiday Lights

As the holiday season approaches, agencies may be wondering if holiday lights will be allowed in DAS buildings this year. Yes, they are allowed for 2007, with some restrictions:

- ❖ Lights will only be used in common areas, such as reception areas or breakrooms.
- ❖ They may be operated from 8 a.m. to 5 p.m.
- ❖ Lights may be installed after Dec. 1, but should be down by Dec. 24.
- ❖ Only mini or LED lights should be used.

As always, these and all electrical consuming devices should be turned off and/or unplugged when staff are not in the office, which includes evenings, weekends, and holidays. These lights do cost money, especially multiplied around state buildings. The more that we turn off our other plug loads, such as computers, monitors and task lights, the more we can help offset this extra cost.

### TIP OF THE MONTH:

Share magazine subscriptions and route to each other.