



# ENERGY UPDATE

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

### May 2007



### General Updates

- Weather – the National Weather Service is predicting average temperatures and precipitation.
- Program Changes – Elin Shepard has come back to the position of Statewide Resource Coordinator after a three-year hiatus. I'm happy to be back and working with these issues again to save the state money!

### 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.

January–March 2007 data are as follows:

	Electricity	Gas	%	Cost
• Agriculture:	241,450	7,410	-% \$	28,894
• Albina:	N/A	7,591	N/A	14,332
• Archives:	310,445	14,088	-9%	28,901
• Blind Comm:	72,168	3,379	-15%	11,013
• Burns:	127,895	---	+29%	7,166
• Central Pt:	119,124	6,077	-9%	15,923
• Commerce:	73,324	3,090	-42%	10,277
• Data Ctr.:	1,397,470	3,674	N/A	104,872
• Employ:	638,168	---	-56%	48,764
• Executive:	212,262	5,204	-8%	25,069
• Gen Svcs:	165,125	5,526	-20%	21,519
• GS Annex:	11,120	426	-8%	1,601
• Hum Svcs:	935,055	14,532	-25%	87,494
• L&I:	699,945	19,155	-12%	74,107
• Library:	130,784	5,568	N/A	18,235
• NMOB:	322,549	7,343	N/A	35,283
• NPSOB:	110,121	8,296	-5%	14,938
• OPSOB:	61,094	1,607	+4%	5,822
• Port Cr Lab:	421,592	12,602	N/A	46,018
• Port SOB:	782,616	9,162	-21%	60845
• Port MP:	62,792	1,732	-50%	7,634
• Print Plant:	454,203	4,003	-6%	39,681
• Prop Dist:	78,405	8,624	-17%	16,712
• Pub Svc:	685,217	2,107	+5%	50,935
• Pub Utility:	338,111	714	-18%	28,404
• Real Estate:	46,326	3,687	-5%	8,774
• Revenue:	1,588,431	28,515	-16%	145,249
• Salem MP:	118,938	6,333	-4%	18,040
• Spring MP:	28,116	759	N/A	2,393
<b>TOTAL DAS:</b>	<b>11,902,636</b>	<b>207,169</b>	<b>-19%*</b>	<b>\$1,143,885</b>

Note: DAS is investigating factors for buildings not meeting 10% goal. N/A = new baselines being developed to ensure accuracy.  
 \* The DAS total includes buildings whose baselines need to be adjusted. The % will improve when these adjustments occur.

### Importance of Blinds

Proper management of blinds can save money too. It seems like such a simple and small thing, but it adds up over time. The temperature near a window with blinds closed can be several degrees lower than near one with blinds open. The main goal is to keep out sunlight in the summer and let in sunlight in the winter. For the summer, close them when the sun shines in and open them when it's not directly shining on the window.



### TIP OF THE MONTH:

It's that time of year again! The time where we can save big bucks on our heating and cooling with our tenants' help. Since May is so mild, we don't often have to get the chillers or boilers operating. By turning off your plug loads (computers, monitors, etc.), operating blinds properly, and keeping the internal heat load down, we can keep the chillers from needing to come on. Of course, if we have a really hot day, we'll keep everyone comfortable, but on a "tweener" day, your help could save us money.

### Sustainability at Work

Governor Kulongoski has charged state agencies with helping Oregon become a sustainable community by 2025. That's a tall order, but one we're taking seriously. Watch the next several additions of the newsletter that will address different things DAS is doing to make your buildings "greener."

### Junk Mail

When signing up for trainings, write a note requesting they don't add you to a mailing list. It will keep you from getting as much junk mail in the future and save the state time and money sorting and delivering it to your office.

### Word of the month

**Precycling:** this means to make smarter decisions at the store and choose products with less packaging. "Do it right from the start." Let's all precycle tonight!

### Did you know...

If we don't recycle in our buildings, we throw away an average of at least 1.5 pounds of high-grade recyclable paper every day. That's tons of paper each day, and a waste of money. If we saved just one ton through reducing or recycling, we could save:

- 17 trees
- 275 pounds of sulphur
- 350 pounds of limestone
- 9,000 pounds of steam
- 60,000 gallons of water
- 225 kilowatt hours
- 3.3 cubic years of landfill space

Source: RENEWletter, YCSW.org

