



# ENERGY UPDATE

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

August 2007



## General Updates

- Weather – the National Weather Service is predicting average temperatures and precipitation for the month of August in the NW United States.
- Program Changes – Stay tuned for the September newsletter to hear more about the exciting new direction the Statewide Resource Program at DAS it's taking.

## 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.

January–June 2007 data are as follows:

	Electricity	Gas	%	Cost
• Agriculture:	497,064	11,025	-29%	\$ 54,748
• Albina*:	275,045	3,821	-18%	23,051
• Archives:	616,101	20,143	-22%	72,053
• Blind Comm:	158,754	5,308	-2%	21,361
• Burns:	254,364	---	+31%	14,174
• Central Pt:	257,628	8,561	-10%	27,730
• Commerce*:	150,195	3,706	-16%	18,020
• Data Ctr.*:	2,922,132	5,246	-4%	217,645
• Employ*:	1,301,856	---	-19%	102,157
• Executive:	443,922	6,504	-17%	47,350
• Gen Svcs:	335,593	6,992	-20%	39,054
• GS Annex:	22,919	486	-8%	2,791
• Hum Svcs:	1,951,678	21,030	-22%	175,102
• L&I:	1,364,418	23,413	-19%	132,162
• Library:	250,579	6,804	N/A	29,450
• NMOB:	661,765	8,863	N/A	65,650
• NPSOB:	226,245	10,112	-9%	25,541
• OPSOB:	128,505	1,899	-3%	10,816
• Port Cr Lab:	801,238	16,775	N/A	79,079
• Port SOB:	1,664,781	12,318	-8%	119,443
• Port MP:	112,959	2,066	-46%	12,670
• Print Plant:	789,972	5,273	-16%	80,311
• Prop Dist:	156,641	9,644	-14%	23,598
• Pub Svc:	1,230,718	2,504	-10%	97,200
• Pub Utility:	717,570	1,007	-17%	60,444
• Real Estate:	97,148	4,882	-10%	14,803
• Revenue*:	2,766,784	44,811	-8%	249,374
• Salem MP:	215,515	8,238	-14%	28,684
• Spring MP:	51,621	857	N/A	3,673

**TOTAL DAS: 23,463,912 277,604 -16% \$2,121,594**

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

N/A = new baselines being developed to ensure accuracy.

\* Baselines adjusted.

## E-Waste Recycling

One of the biggest waste issues facing state government right now is what to do with e-waste, that is electronic waste such as computers, TVs, VCRs, etc. Governor Kulongski recently signed HB 2626, which made great progress on this issue for citizens, and promotes programs, such as EPEAT. However, state agencies still have questions about what to do until the legislation becomes enacted in 2009. Greg Hopkins from DAS, State Procurement Office, is the local expert on the issue within state government and has some comments:

1. There should be a person for each work area who is responsible for making the purchase of the equipment; i.e.; buying off of the price agreement. This person should, at the time of purchase, read the contract and determine if there is a vendor take-back at the end of the life and how this should work. There should be some sort of record keeping and notations about this. If this is **not** currently happening when new equipment is purchased, then changes need to be made in the purchasing process.
2. If the equipment you are currently getting rid of is 5 years old, chances are it goes to surplus. The vendor take-back program is new. You can call the vendor, like HP or Dell or CTL, (usually, the vendor contact is listed on the ORPIN contract and this is the number I would start with) and ask questions about what equipment they take back, what the charges might be, and exactly how they pick up equipment that is supposed to go to the recycler.
3. There are existing contracts on ORPIN that have details for current take-back provisions.



## Did you know...

...one mature tree on the south side of your house provides as much summer cooling as five mid-sized air conditioners. The same goes for office buildings, which is why it is so important to orient a building properly on a site during the design phase, taking into account shading and savings from mature landscaping, but also the lighting needs of the tenants, as well as preventing glare.

[http://www.sustainabilityinstitute.org/dh\\_m\\_archive/index.php?display\\_article=vn19rmbbooked](http://www.sustainabilityinstitute.org/dh_m_archive/index.php?display_article=vn19rmbbooked)

## TIP OF THE MONTH:

DAS provides fresh and filtered water to all tenants in our buildings through drinking fountains. All are on regular schedules to have filters changed and maintenance conducted to keep them as clean and cold as possible. There's no need to run the fountains to get the water colder – it is already cooled through the machine.

