



# ENERGY UPDATE

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

August 2003



## It's OK to turn off computers and monitors at night – really!

The DAS Information Resource Management Division (IRMD) has announced support for the Personal Computers section of the Statewide Energy and Water Conservation Policy <http://www.facilities.das.state.or.us/1256378.pdf>. IRMD is responsible for setting statewide policies and technology direction. IRMD agrees that turning off computers, monitors, and other peripherals when employees leave for the day does not damage the components. It saves money on reduced energy costs. This should be done by all agencies, unless there are special programs that download at night – those PC's should be left on, but monitors should be turned off. And, it's not just IT equipment. Spread the word that computers, monitors, printers, copiers, and other machines should be turned off at night, weekends and holidays – not just powered down or in "sleep" mode, but off completely.



## How is Salem doing conserving water this summer?

According to Jason Pulley, City of Salem Project Manager, "At the midpoint of Summer 2003, it is safe to say that the response to the City of Salem's 'One Inch per Week' lawn watering campaign has been overwhelming and positive. Salem's goal is to keep drinking water consumption under 50 million gallons on any given day this summer. So far, we have succeeded."



## TIP OF THE MONTH:

Have you been closing your blinds when the sun shines on your window this summer or when you leave if the sun shines on your window before you get in every morning? If you answered no to either of those questions, then you're missing a wonderful opportunity to make yourself more comfortable and help the building save energy. Closing blinds when the sun shines directly on the window can reduce the temperature near that window by several degrees. If everyone closed their blinds when the sun shined in, it could save a significant amount of the energy required for the building's start up.

## Did you know...

...that squirrels and other small animals account for about 25% of PGE's electric outages? According to PGE's June 2003 Power Report, they're having to design and build special guards and fences at substations to keep squirrels, raccoons and other little critters out.

### General Updates

Weather – according to NOAA, "the possibility a La Nina will develop by or before the July -August-September season..." This would mean above average temperatures and average precipitation for the Pacific NW.

### DAS Buildings Savings Update

The following data replaces the monthly bill reports on the Facilities Division website. The data is always two months behind due to billing cycles. All bills are compared to the calendar year 2000 as a baseline, using month 2000 to current month measure. 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.

June 2003 data are as follows:

	Electricity	Gas	%	Cost
• Agriculture:	75,120	341	-54%	\$ 5,972
• Albina:	44,327	77	-26%	3,292
• Archives:	109,500	3,340	-15%	10,058
• Blind Comm.:	27,000	242	-3%	2,298
• Burns:	34,160	---	-10%	2,298
• Central Pt.:	52,800	587	+1%	3,426
• Commerce:	30,240	345	-25%	2,557
• Employment:	356,648	---	-1%	22,395
• Executive:	74,600	204	-29%	5,749
• Gen. Svcs:	66,800	193	-2%	5,074
• G.S. Annex:	2,393	17	-32%	220
• Human Svcs:	303,350	592	-30%	22,648
• Justice:	103,346	0	-22%	8,503
• L&I:	242,275	0	-32%	16,558
• Library*:	48,304	2	-9%	3,140
• Pend. (Old):	21,292	8	-21%	1,541
• Pend. (New):	40,400	225	-28%	3,000
• Port. SOB:	296,400	746	+15%	16,850
• Portland MP:	15,275	86	-28%	1,266
• Print Plant:	144,800	58	-15%	9,955
• Prop Dist Ctr:	23,524	142	+6%	1,504
• Public Svc:	180,134	79	-38%	12,596
• Public Utility:	120,200	76	-21%	8,586
• Real Estate:	21,600	248	+1%	1,766
• Revenue:	610,627	2,882	-27%	39,435
• Salem MP:	30,672	103	-50%	2,340

**TOTAL DAS: 3,527,623 11,775 -23% \$245,094**

Note: DAS is investigating factors for buildings not meeting 10% goal.  
\*Baseline adjusted.