



ENERGY UPDATE

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

April 2003



General Updates

- Weather – according to NOAA, “the outlook for April - June 2003 calls for above normal temperatures over much of the Western U.S. and Alaska - due primarily to recent trends. Above normal precipitation is expected for portions of the Northwest.” <http://www.wrh.noaa.gov/cgi-bin/Portland/afd?SLCPMD90D>

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.

January & February 2003 data are as follows:

	Electricity	Gas	%	Cost
• Agriculture:	140,240	7,004	-37%	\$ 15,928
• Albina:	78,337	4,251	-32%	8,935
• Archives:	202,500	9,543	-11%	21,682
• Blind Comm.:	47,500	2,434	-16%	5,799
• Burns:	71,920	---	+4%	4,809
• Central Pt.:	77,200	5,945	-29%	9,196
• Commerce:	53,280	3,762	-16%	7,116
• Employment:	797,970	---	-21%	49,805
• Executive:	137,000	2,321	-27%	12,334
• Gen. Services:	127,120	2,984	-35%	14,953
• Gen Svcs Ann.:	4,428	656	+13%	932
• Human Svcs:	591,008	11,516	-28%	48,770
• Justice:	179,828	4,704	-23%	18,077
• L&I:	430,699	10,629	-26%	38,280
• Library:	89,513	4,088	+2%	9,603
• Pend. (Old):	37,680	655	-29%	3,067
• Pend. (New):	64,080	3,075	-31%	6,723
• Portland SOB:	580,000	5,654	-24%	34,124
• Portland MP:	52,880	1,642	-44%	5,144
• Print Plant:	284,600	2,719	-18%	21,494
• Prop Dist Ctr:	51,608	4,247	-25%	6,747
• Public Svc:	343,791	746	-16%	24,366
• Public Utility:	201,800	527	-27%	15,167
• Real Estate:	27,540	1,879	-34%	3,727
• Revenue:	1,227,904	12,863	-13%	84,146
• Salem MP:	88,728	5,981	+15%	11,043

TOTAL DAS: 6,986,787 125,248 -25% \$560,640

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



ELECTRICITY 101

This section of the next several updates will be a brief description of different elements of electricity that impact our buildings and our bills.

#7: Adjustments, Taxes & Fees

Another major part of every utility bill are the adjustments, taxes and fees. Every bill has them. Here's the breakdown:

- Taxes – when a utility runs a line within the boundaries of a city or county, they must pay taxes for the use of that land.
- Fees – the PUC approves miscellaneous fees for the utilities to collect and reimburse for various costs associated with the poles and wires services.
- Adjustments – these can be adjustments for schedule changes, mergers, or other factors the utility must account for. Sometimes these can be to the benefit of DAS, if it is a merger credit.

PGE itemizes these adjustments for most DAS bills and provides a printout of the detail. The PUC must sign off on all of them and hold the utilities accountable to keep them accurate. For DAS buildings, these charges range from \$10-\$6,000/month.



Water Conservation – vital this summer!

Over the next two years, the City of Salem is renovating one of its largest reservoirs. It will be drained completely for the summers of 2003 and 2004, drastically cutting the water supplies available to City of Salem customers. In addition, rates are going up 8-9% a year for the next four years. Both these issues mean that water conservation is incredibly important to ensure adequate supply for our offices and homes, as well as to save the state money. DAS will be hosting a water conservation meeting for facilities coordinators and large agency contacts on May 6, 2003 at the Employment Building Auditorium. We should all expect to hear more about water conservation and what we can do to help after that meeting.

TIP OF THE MONTH:

Plastic, metal and glass containers are recyclable in state buildings. On our last waste audit, DAS and Garten found a considerable number of single-serve containers in the garbage, that could have been recycled. They simply need to be rinsed thoroughly and placed in the proper container in your break room or centralized collection area. It takes a little extra work, but since our garbage bills are based on weight, it can save money, and keep valuable commodities in the recycling market.

Did you know...

...there are over 75,000 significant dams in the United States and only 3% of them produce hydropower?