



ENERGY UPDATE

An update to the state of energy in the State of Oregon
July 2005



General Updates

Weather – according to NOAA, "...West Coast areas with a probability shift towards warm...Indications for precipitation are weak...A late start of the North American Monsoon" http://www.cpc.ncep.noaa.gov/products/predictions/long_range/fixus07.html

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. *Data is year-to-date.*

January–May 2005 data are as follows:

	Billed Electricity	Billed Gas	Billed Cost	% change
• Agriculture:	368,960	7,966	\$ 36,731	-41%
• Albina:	207,733	3,904	17,428	-43%
• Archives:	495,400	16,671	50,512	-30%
• Blind Comm:	122,120	3,863	14,171	-21%
• Burns:	186,000	---	12,593	+14%
• Central Pt:	203,760	10,592	22,173	-3%
• Employ:	2,125,804	---	137,535	-3%
• Executive:	341,980	6,586	33,942	-21%
• Gen Svcs:	251,280	5,823	26,371	-36%
• GS Annex+:	18,505	1,377	3,109	+48%
• Hum Svcs:	1,489,120	24,860	127,392	-26%
• Justice:	709,481	9,837	62,445	-25%
• L&I:	1,118,493	18,860	96,217	-29%
• Library*:	210,068	6,742	21,460	+1%
• NMOB^:	555,600	11,100	52,739	N/A
• NPSOB:	160,000	7,720	17,477	-23%
• OPSOB:	95,840	1,304	7,439	-13%
• Port SOB:	1,394,400	10,575	82,607	-15%
• Port MP:	91,798	2,498	9,982	-49%
• Print Plant:	649,000	5,731	52,362	-18%
• Prop Dist:	129,460	7,356	15,822	-37%
• Pub Svc:	961,765	3,524	69,416	-10%
• Pub Utility:	592,200	1,106	45,043	-16%
• Real Estate:	71,760	5,710	11,888	-8%
• Revenue:	3,082,748	34,365	223,975	-17%
• Salem MP:	187,489	7,392	21,627	-18%

TOTAL DAS: 15,244,071 215,462 \$1,272,456 -21%

Note: DAS is investigating factors for buildings not meeting 10% goal.
* Baseline adjusted.
^ Usage is from 9/03 when bldg opened; no baseline developed yet
+ High % is due to gas usage problem, was fixed in June.



Recycling Reminder



Garten Services recycle "media plastic". This includes CDs, CD cases ("crystal" cases) with or without paper labels or inserts although they PREFER them without the paper, VCR cases (not the VCR tape) and Audio cassette cases (not the tape cassettes). These items can be combined in a clear plastic bag and placed on top of a barrel of "recycle paper" prior to pickup.

Take a moment & check out the following link, it gives great water conservation tips while testing your memory!
<http://www.wateruseitwisely.com/game/game.html?1>



Refrigerators are the largest power-guzzlers in the typical household. DAS policy states communal refrigerators are allowed in breakrooms or similarly suitable locations.

If your agency is shopping for a new refrigerator consider looking into an Energy Star model. New energy efficiency standards for refrigerators went into effect in July 2001, requiring models to use 30% less energy than previous (1993) standards. Also top-freezer models are the most energy efficient and repair-free of the configurations offered.

- There are several methods to increase the energy efficiency of your refrigerators:
- _ Don't keep your fridge too cold. Refrigerators should be kept between 37° and 40° and freezers at 5°.
 - _ Clean the coils annually. Your refrigerator will run for shorter periods.
 - _ Cover food and drink to avoid evaporation in the fridge, which can force the compressor to work harder.
 - _ Keep your freezer filled. Frozen blocks of food keep freezer temperatures more stable.
 - _ Don't clutter the fridge top; it can hamper the compressor's proper air circulation.
 - _ Don't put your refrigerator in direct sunlight or next to an oven or dishwasher.
 - _ Check the door seals. They should be able to hold a piece of paper in place.
 - _ Defrost the freezer regularly and avoid frost buildups of more than a quarter inch.
 - _ And as always, don't leave the fridge door open.

<http://www.thegreenguide.com/reports/>



Please report any leaks that are noticed in sinks, drinking fountains, toilets, etc., or outside on irrigation lines if you notice puddles around sprinkler heads.