



ENERGY UPDATE

An update to the state of energy in the State of Oregon July 2004



General Updates

- Weather – according to NOAA, “there is a whole host of tools that argue for the usual above normal temperatures west of the Continental Divide. Indications for precipitation are weak for monthly forecasts in the Northwestern states.”
- Rates – both PGE and NW Natural expect rate increases in the next few months. PGE has been hit hard by the low hydro season and NW Natural by the dwindling gas supplies. Watch for more on these issues in an upcoming edition.

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 now year-to-date, rather than monthly.*

January–May 2004 data are as follows:

| | Electricity | Gas | % | Cost |
|-------------------|-------------------|----------------|-------------|--------------------|
| • Agriculture: | 420,560 | 12,177 | -24% | \$ 40,506 |
| • Albina: | 194,617 | 9,184 | -19% | 20,994 |
| • Archives: | 499,500 | 21,539 | -15% | 49,489 |
| • Blind Comm: | 123,780 | 4,100 | -21% | 13,277 |
| • Burns: | 169,800 | --- | +4% | 11,567 |
| • Central Pt: | 215,080 | 10,049 | -8% | 20,295 |
| • Employ: | 1,905,455 | --- | -13% | 117,977 |
| • Executive: | 355,540 | 6,716 | -18% | 32,017 |
| • Gen Svcs: | 258,080 | 6,718 | -31% | 25,718 |
| • GS Annex: | 10,931 | 833 | -11% | 1,711 |
| • Hum Svcs: | 1,408,173 | 27,488 | -27% | 117,471 |
| • Justice: | 500,245 | 11,797 | -16% | 47,650 |
| • L&I: | 1,148,249 | 23,336 | -21% | 95,653 |
| • Library*: | 219,512 | 6,784 | -40% | 20,534 |
| • NMOB^: | 563,100 | 13,736 | N/A | 51,167 |
| • NPSOB: | 173,600 | 9,000 | -16% | 18,533 |
| • OPSOB: | 95,600 | 1,400 | -12% | 7,298 |
| • Port SOB: | 1,386,000 | 8,300 | -19% | 80,132 |
| • Port MP: | 107,137 | 3,023 | -40% | 10,579 |
| • Print Plant: | 736,400 | 6,227 | -8% | 54,913 |
| • Prop Dist: | 126,660 | 13,570 | -9% | 9,023 |
| • Pub Svc: | 919,285 | 2,946 | -22% | 63,128 |
| • Pub Utility: | 530,600 | 1,039 | -24% | 39,610 |
| • Real Estate: | 70,500 | 5,098 | -15% | 10,092 |
| • Revenue: | 3,400,844 | 35,585 | -10% | 227,212 |
| • Salem MP: | 193,509 | 8,240 | -12% | 20,569 |
| TOTAL DAS: | 18,238,424 | 290,872 | -15% | \$1,428,794 |

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.
 Also, usage is irregular due to building start-up.

Phone Book Recycling

It’s that time of year again. Phone books are arriving to state agencies. Many folks have been asking whether they need a separate recycling bin for phone books. The answer is yes and no. You don’t need to put phone books into a separate bin – they can go with your other co-mingled paper recycling. However, you can put them in a separate bin, as well, if you want. Garten Services will pick them up either way. It does help Garten to have them pre-separated, but it is not required by our contract or expected. If you do want a special bin just for phone books, talk to the custodians in your building about delivering. However, before you even order one, give some thought to electronic sources, such as the Internet and Questdex.com, rather than having a paper copy for each staff member. It will save paper and may save room on their desk.

Capitol Mall Fountains

In a press release on June 17, DAS announced that all three fountains on the Capitol Mall will be running this year. The fountain operation will begin on July 2 and run through Monday, September 6. They will operate from 7 a.m. to 7 p.m. seven days a week and over the holidays. This is good news for tourists and folks who use the Mall, but what does this mean for water conservation?



Not much. Here’s why. The two fountains on the Plaza, the Wall of Water and Sprague fountains, operate with well water from the Labor and Industries Building. That means these fountains don’t use any potable water and don’t deplete any of the reserves from the City. The other fountain, Waite, does use City potable water, but it was recently renovated and uses a very small amount. The fountain operation does cost a little money, so DAS waited longer into the season to

start them and operated only during the hours when people will be around to enjoy them. Happy summer!

Do you know...

...there are fifty-five major hydroelectric projects located on the Columbia River and its tributaries. Thirty are federal dams owned and operated by the Corps of Engineers or Bureau of Reclamation. Twenty-five are non-federal installations owned by various public and private utilities. These give the Pacific Northwest the largest hydroelectric system in the world.

Source: <http://www.bpa.gov/Power/pl/columbia/2-multi.htm>



TIP OF THE MONTH:

Ask your building manager to color-code light switches that can be turned off when not needed.