



# ENERGY UPDATE

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

October 2007



## General Updates

- Weather – the temperature and precipitation outlook for the next three months reflect the La Nina impacts...temperatures are expected to average above normal over most the country.  
<http://www.cpc.ncep.noaa.gov/products/predictions/90day/foxus05.html>
- Steam rates – EWEB is increasing rates, which will impact the Eugene State Office Building.

## 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–August 2007 data are as follows:

|                   | Billed Electricity | Billed Gas     | Billed Cost        | % change    |
|-------------------|--------------------|----------------|--------------------|-------------|
| • Agriculture:    | 697,209            | 11,623         | \$ 72,492          | -31%        |
| • Albina*:        | 376,776            | 3,829          | 29,792             | -21%        |
| • Archives:       | 834,342            | 20,654         | 91,748             | -28%        |
| • Blind Comm:     | 228,482            | 5,767          | 28,190             | +1%         |
| • Burns:          | 342,766            | ---            | 18,977             | +33%        |
| • Central Pt:     | 365,122            | 8,974          | 34,762             | -8%         |
| • Commerce*:      | 222,255            | 3,743          | 24,125             | -9%         |
| • Data Ctr.*:     | 4,099,659          | 5,863          | 305,628            | N/A         |
| • Employ*:        | 1,671,321          | ---            | 132,859            | -13%        |
| • Executive:      | 619,077            | 6,508          | 62,830             | -18%        |
| • Gen Svcs:       | 464,066            | 7,041          | 51,035             | -17%        |
| • GS Annex:       | 32,026             | 486            | 3,670              | -9%         |
| • Hum Svcs:       | 2,721,560          | 22,248         | 238,018            | -21%        |
| • L&I:            | 1,881,728          | 23,426         | 172,727            | -19%        |
| • Library*:       | 358,783            | 6,821          | 37,963             | -17%        |
| • NMOB*:          | 924,381            | 8,863          | 87,808             | -16%        |
| • NPSOB:          | 324,137            | 10,386         | 32,660             | -15%        |
| • OPSOB:          | 185,054            | 1,945          | 14,607             | -4%         |
| • Port Lab*:      | 1,065,198          | 17,583         | 100,067            | -4%         |
| • Port SOB:       | 2,424,908          | 12,909         | 162,262            | -0%         |
| • Port MP:        | 141,745            | 2,076          | 15,790             | -44%        |
| • Print Plant:    | 1,183,054          | 5,356          | 110,876            | -10%        |
| • Prop Dist:      | 208,301            | 9,656          | 27,367             | -13%        |
| • Pub Svc:        | 1,651,622          | 2,667          | 130,392            | -14%        |
| • Pub Utility:    | 1,008,582          | 1,120          | 84,998             | -15%        |
| • Real Estate:    | 136,375            | 4,907          | 18,330             | -12%        |
| • Revenue*:       | 3,701,178          | 45,752         | 320,487            | -10%        |
| • Salem MP:       | 262,616            | 8,320          | 33,066             | -20%        |
| • Spring MP*:     | 67,651             | 857            | 11,067             | -22%        |
| <b>TOTAL DAS:</b> | <b>32,808,202</b>  | <b>289,412</b> | <b>\$2,851,834</b> | <b>-10%</b> |

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

\* Baseline adjusted for weather and other factors.

## Interagency Sustainability Coordinators Network and SORT

Recently, DAS made the difficult decision to disband the State of Oregon Resource Team (SORT) after 15 years of participation in state agencies. The benefit of SORT was to delve into the different elements of resource conservation at the root level and look for efficiencies. However, the state government is heading to a more comprehensive sustainability foundation, of which resource conservation is a part, but not the entirety. Therefore, with support from the Oregon Sustainability Board, DAS is re-energizing the State Interagency Sustainability Network and those coordinators will pick up some of the valuable aspects that SORT provided for state agencies. Thanks to everyone who participated in SORT over the years!!! Your contributions have made a big difference for the state.



## Baseline Adjustments

We finally have baseline adjustments for most of the buildings that have been missing data due to new construction or major renovations.

This is thanks to our energy intern, Alison Christensen, who has worked on this project for several months. You can see that once these numbers were plugged in, it significantly dropped the DAS total. It's a concern as we move forward with our programs and implementing the Governor's initiatives.

## Sustainable Halloween

Halloween is just around the corner. Besides ghoulish fun, it also means lots of waste for our costumes, parties, and candy wrappers. What's a sustainably-minded person to do to eliminate this garbage, but still enjoy the holiday in our homes and offices? Here are some suggestions:

- Have your children carry pillow cases or canvas bags when trick-or-treating, rather than single-use plastic bags.
- Make costumes from items around your house that can be reused later.
- Give bulk candy to co-workers at your desk, rather than individually-wrapped items.
- Be sure to compost your pumpkins, gourds, and other natural Halloween decorations.



## Did you know...



...Every ton of recycled office paper saves 380 gallons of oil.

Source:  
<http://library.thinkquest.org/11353/facts.htm>

## TIP OF THE MONTH

Reuse all those extra forms and packets from open enrollment. Since many employees don't need to fill anything out, return the extras to PEBB to reuse in 2008.