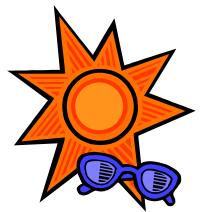




# Waste Watcher

Summer 2005



Quarterly, electronic resource conservation newsletter for state agency resource coordinators

## General Updates

Weather according to NOAA – "In the Pacific Northwest...indications for below normal temperatures in the first half of June" "Below normal surface air temperatures in the west..."

[http://www.cpc.ncep.noaa.gov/products/predictions/long\\_range/fxus07.html](http://www.cpc.ncep.noaa.gov/products/predictions/long_range/fxus07.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 now year-to-date, rather than monthly.*

January - April 2005 data are as follows:

|                | Billed<br>Electricity | Billed<br>Gas | Billed<br>Cost | %<br>Change |
|----------------|-----------------------|---------------|----------------|-------------|
| • Agriculture: | 292,160               | 7,966         | \$ 30,733      | -37%        |
| • Albina:      | 167,214               | 3,904         | 14,807         | -44%        |
| • Archives:    | 395,500               | 13,335        | 40,309         | -27%        |
| • Blind Comm:  | 92,800                | 3,610         | 11,342         | -23%        |
| • Burns:       | 148,400               | ---           | 10,073         | +10%        |
| • Central Pt:  | 161,080               | 9,580         | 18,766         | +5%         |
| • Employ:      | 1,752,075             | ---           | 113,167        | -5%         |
| • Executive:   | 273,600               | 6,013         | 27,775         | -18%        |
| • Gen Svcs:    | 199,760               | 5,329         | 21,655         | -36%        |
| • GS Annex**:  | 14,767                | 1,252         | 2,640          | +48%        |
| • Hum Svcs:    | 1,185,283             | 1,069         | 102,666        | -28%        |
| • Justice:     | 570,820               | 9,384         | 51,684         | -16%        |
| • L&I:         | 899,359               | 17,826        | 80,015         | -27%        |
| • Library*:    | 167,336               | 6,466         | 18,237         | +1%         |
| • NMOB^:       | 442,200               | 9,972         | 43,014         | N/A         |
| • NPSOB:       | 126,080               | 6,905         | 14,472         | -24%        |
| • OPSOB:       | 78,640                | 1,218         | 6,002          | -11%        |
| • Port SOB:    | 1,116,000             | 9,890         | 67,486         | -17%        |
| • Port MP+:    | N/A                   | N/A           | N/A            | -%          |
| • Print Plant: | 518,700               | 5,345         | 42,577         | -19%        |
| • Prop Dist:   | 105,056               | 7,304         | 14,342         | -37%        |
| • Pub Svc:     | 775,424               | 3,377         | 56,274         | -6%         |
| • Pub Utility: | 470,000               | 978           | 35,733         | -15%        |
| • Real Estate: | 57,540                | 5,071         | 10,023         | -6%         |
| • Revenue:     | 2,467,375             | 28,762        | 180,562        | -15%        |
| • Salem MP:    | 153,732               | 6,849         | 18,577         | -16%        |

**TOTAL DAS: 12,630,901 171,405 \$1,032,931 -19%**

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.

+Data incomplete. Waiting for complete information.

## Staying cool this summer

- ❖ If you sit by a window, close your blinds when the sun shines in. If the sun shines in during the morning, close them at night before you leave.
- ❖ Dress in cotton and cool clothes. Also dress in layers that you can remove when you warm up.
- ❖ Drink lots of water. Water regulates your body temperature and can help you feel cooler.
- ❖ If permitted by your agency - fans should be no larger than 12 inches diameter, preferably rated at 0.5 amps or less. Remember to turn it off when away from your desk for extended periods of time and at night before leaving.



## 4<sup>th</sup> of JULY

As we prepare for the upcoming holiday, here are some tips for a waste free celebration:

- **Don't use disposable items such as paper plates & cups at your cookout. You can rent dishes, glasses, cups & saucers, tablecloths & napkins.**
- **Place easily identifiable recycling containers at your celebration so guests can recycle pop cans & bottles.**
- **After the party, don't throw away the leftovers. Put them in reusable containers & send home with guests or donate to food banks. Also compost your food waste.**
- **Send e-invites to family & friends who are on-line to reduce mail volume.**
- **Cleaning up after barbecuing can be easy & toxic-free. After the charcoal has cooled, clean the grill by placing wet newspapers on the racks, close the lid & wait for an hour. Rub the newspapers across the racks - no need to scrub or use special cleaning products.**



**\*\*General Service Annex** gas usage has been high since the beginning of the year. After further review we discovered the schedule was not correct & running during non-business hours. The problem has been fixed & we should start seeing improvement.

## June 5<sup>th</sup> is World Environment Day

WED was established by the United Nations General Assembly in 1972. WED is hosted every year by a different city and commemorated with an international exposition through the week of June 5<sup>th</sup>. This year it is being held in San Francisco, CA and a LEED Trailer will be traveling thru San Francisco during the week. As you may know our own North Mall Office Building (725 Summer St NE) is LEED certified and began operating in October 2003. It currently houses 3 State agencies: Oregon Water Resources Dept; Oregon Housing & Community Service; Oregon Parks & Recreation Dept. Some of the sustainable features include a naturally ventilated lobby, use of day lighting in most areas, an efficient irrigation system that uses storm water and an under floor air conditioning system which reduces energy use. If you get a chance stop by and take a look at the State's first LEED certified, sustainable building.



**Phone Book** time is here. As agencies order new phone books consider checking with staff to see how many actually need a hard copy and how many just use the internet such as DEX online, to help save paper. Also remember to recycle your old phone books - they can be placed in your Garten recycling bins. Thank You!



Do you have something you no longer need and you wish to "recycle" it rather than throw it into the landfill? Then check out [www.freecycle.org](http://www.freecycle.org). You can post items to give away, or make a request for wanted items. The worldwide Freecycle Network is made up of across the movement giving/getting own towns. everything and of course, it has to be legal and appropriate for all ages. Whether it's a chair, a fax machine, piano, or an old door, it can be posted on the network. If you are interested in acquiring something on the site, just respond to the posting directly. Membership is free.



many individual groups globe. It's a grassroots of people who are stuff for free in their There is only one rule: posted must be FREE

## Planning for Salem's Water Future

The City of Salem's Public Works Dept. is planning the community's drinking water supply thru 2050 & beyond. Salem's water system serves a population of 170,000 & that number increases every year. Over the next decade, demand for water will approach Salem's current capacity. A new transmission pipeline is planned to meet the community's needs for early years. Looking ahead, Salem's Public Works Dept. has also begun a comprehensive process to evaluate long term demand & answer key questions:

- *Where will Salem get its drinking water for the future?*
- *How much water will be needed?*
- *What role can water conservation play?*
- *What steps are required to assure Salem's water future?*
- *How can future investments in drinking water contribute to the health & viability of our drinking water source, economy & community?*



To get involved visit: <http://www.cityofsalem.net/~spubwork/waterplans/info.htm>

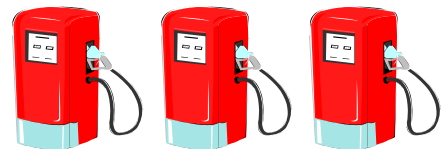


## Energy Fact...

The British thermal unit (Btu) is a precise measure of energy. It is the amount of energy required to raise the temperature of 1 pound of water 1 degree Fahrenheit when the water is near 39.2 degrees Fahrenheit. One Btu is approximately equal to the energy released in the burning of a wood match.

## Gas Prices Getting You Down?

- 🚗 Drive moderately. High-speed driving and jack-rabbit starts increase both fuel use and emissions.
- 🚗 Keep your vehicle well tuned. Simple maintenance such as regular oil changes, air-filter changes, and spark plug replacements – will lengthen the life of your car as well as improve fuel economy and minimize emissions.
- 🚗 Inflate your tires. Keeping your tires properly inflated saves fuel by reducing the amount of drag your engine must overcome.
- 🚗 Don't let your car idle for more than a minute. During start-up, your engine burns extra gasoline. However, letting your engine idle for more than a minute burns more fuel than turning off the engine and restarting it.
- 🚗 Park in the shade. Minimize evaporation of fuel and keep your car cooler in the summer by parking in the shade.
- 🚗 Keep track of your fuel economy. A drop in your car's fuel economy can be a sign of engine trouble. Keeping track of your fuel economy on a regular basis can let you know when something is malfunctioning.



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