



ENERGY DARE: reduce more energy in your building!

Rules

- Energy will be measured monthly from April - June 2013 (April 22nd is Earth Day) and will be compared to the same buildings' bills from April-June 2012.
- Results will be shared at each Department Head meeting, published in Our Town and shared at each Council meeting.
- Whichever building results in the greatest reduction over the 3 month period, compared to its usage in 2012 will be deemed the winner. The winning building and occupants/staff will be announced in July.

Recommended Department or Facility Manager Steps

1. Share dare with all building occupants/staff.
2. Identify an energy dare point-man/woman for each building.
3. Educate occupants/staff on energy savings measures and actions.
4. Implement energy saving measures.
5. Review with occupants/staff regularly – department meetings are a good time to share energy saving results, get feedback, and remind occupants/staff of energy saving measures.

SUPER AWESOME Prizes

Presented to facility occupants/staff with the largest reduction in 1) natural gas usage and 2) electricity usage at the end of the dare. Possible prizes include: gift certificates, lunch parties, and more.

Heating/Cooling

- ✓ Keep blinds or curtains drawn during a hot summer day; open them during the sunny part of a winter day.
- ✓ Make sure heating/cooling vents and dampers are open and uncovered, unless strategically closing vents, to reduce energy usage.
- ✓ Avoid using space heaters.
- ✓ If hot, open a window before turning on the AC (just remember to close it).
- ✓ Dress in layers or have layers in your office to put on or take off to stay comfortable, instead of turning the heat up or down.
- ✓ Program (or reprogram) thermostats – reduce heating and cooling needs during times when the building isn't occupied. (10-15 degree difference is recommended by US DOE)

Lighting

- ✓ Turn out lights when you leave your office for more than a few minutes
- ✓ Keep lights in unoccupied or low occupancy rooms/areas off until occupied
- ✓ Use natural light whenever possible. Over-lighting causes eye strain.

Plug Loads

- ✓ Reduce the plug load by sharing printers and other office machines, which reduces the number of machines draining energy.
- ✓ Set computer monitors to sleep when left inactive after 5 min.
- ✓ Turn off office equipment and your computer at the end of each day – create an internal policy, designate someone to do this, or change the controls to automatically turn off at a certain time or after inactivity.
- ✓ Unplug equipment that drains energy even when not in use (i.e. cell phone chargers, fans, coffeemakers, desktop printers, radios, etc.).

CITY OF HAILEY ENERGY DARE - Results to date

| IDAHO POWER | Average KWHs/day | | | | Cost | Change in Energy Usage |
|-----------------|------------------|--------|--------|--------|-------------|------------------------|
| | Apr-12 | Apr-13 | May-12 | May-13 | | |
| | | | | | May 2013 \$ | |
| Library | 209.6 | 204.1 | 204.1 | 180.6 | \$353.54 | -29 |
| City Hall | 241.3 | 248.2 | 225.8 | 220.6 | \$644.41 | 1.7 |
| Fire.Bldg | 131 | 144.8 | 99.3 | 129.6 | \$246.86 | 44.1 |
| Street Dept. | 463.4 | 400 | 344.5 | 231.7 | \$401.34 | -176.2 |
| WWTP | 4247.7 | 4331 | 4259 | 4331 | \$6,553 | 155.3 |
| Rodeo Arena | 9480 | 5840 | 193.1 | 131.6 | \$474.05 | -3701.5 |
| Welcome Center* | 47 | 101.7 | 38.6 | 82.4 | \$264.63 | 98.5 |

*2012 usage reflects the energy model results

May 2013 Total: \$8,938

| INTERMOUNTIAN GAS | Average THERMS/Day | | Cost | Change in energy usage |
|-------------------|--------------------|--------|---------------|------------------------|
| | Apr-12 | Apr-13 | | |
| | | | April 2013 \$ | |
| Library | 2.6 | 1.9 | \$41.38 | -0.7 |
| Fire Bldg | 2.7 | 2.5 | \$54.27 | -0.2 |
| Street Dept | 18 | 24.8 | \$505.30 | 6.8 |
| WWTP #135285 | 43.9 | 58.8 | \$1,191.28 | 14.9 |
| WWTP #517964 | 8.8 | 10.3 | \$214.43 | 1.5 |
| WWTP #426719 | 11.2 | 10.7 | \$222.34 | -0.5 |
| WWTP #108309 | 4.2 | 6.8 | \$142.24 | 2.6 |

April 2013 Total: \$2,371.24