

Energy Conservation

Renewable Resources

Energy Efficiency

Bright Futures

Logan City, United

○ Issue 1 | ○ Volume 1 | ○ Spring 2008

# Kill-A-Watt News



ENVIRONMENTAL DEPARTMENT



LIGHT AND POWER

## Alternative Energy

### Board Members:

*Richard Anderson*

*Charles Ashurst*

*Chris Atkins*

*Pete Brunson*

*Chris Chrysostom*

*Justin Cooper*

*Robert Davies*

*Carl Francis*

*Jack Greene*

*Issa Hamud*

*Paul Jackus*

*Emily Malik*

*Jay Monson*

*Joe Needham*

*Jay Nielsen*

*Laraine Swenson*

*Paul Taylor*

*Garth Turley*

*Jeff White*

## Logan City's New Solar Incentive Program

In December of 2007, Logan City Municipal Council passed a resolution authorizing a rebate for Logan City residents and business owners who install photovoltaic power systems at their homes and businesses.

The solar incentive is a \$2

per watt rebate for photovoltaic systems generating up to 3 kilowatts for residential customers and up to 15 kilowatts for commercial customers. The resolution allows a \$6,000 maximum rebate for residential customers and a \$30,000 maximum rebate for commercial customers.

For more information about Logan City's Solar Incentive Program, contact the Logan

Light and Power Department at 435-716-9700.



Have you considered solar power?

## Power From The Sun

So far, one Logan City resident, Charles Ashurst, has taken advantage of the solar incentive program. He was eager to share with us his experience with solar power. Ashurst has been a resident of Logan City for 38 years now and works in the valley as an electrical engineer. This may explain a portion of Ashurst's passion for his new photovoltaic system, but there is just a bit more to his passion than his engineering background. He first turned to solar power for his home when he helped persuade the

Logan Municipal Council to vote against participating in the third phase of Intermountain Power Project (a coal-fired power plant). At that point, he felt like he had to do his part to reduce electric consumption. When asked what his favorite part about having a photovoltaic system at his home is, his response was; "Sounds pretentious maybe, but the satisfaction of doing the right thing. I'll be able to look my son in the eye in 20 years."

Ashurst's photovoltaic system is grid-tied and has no

storage capacity. Many people think of solar panels on roof tops or in big open fields, however Ashurst's sits on a six-foot pole in his yard. (See SOLAR pg 2)



Charles Ashurst's Photovoltaic system in Logan, Utah



## Inside This Issue:

- *Logan City's new solar incentive program.*
- *The Alternative Energy Board.*
- *Start a "save energy" savings account!*
- *Where does your power come from?*

# Solar

Continued from pg. 1.

He chose the pole-mount system because, although a bit more expensive, it is more efficient and it makes rooftop repairs easier and less costly. His panels produce 1000 Watts of power at noon on a sunny day. This has translated to about 30.6% of Ashurst's household's net power

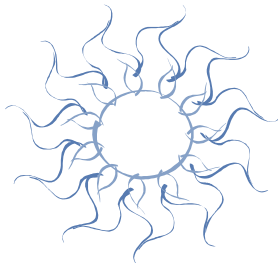
usage, a number that he expects to increase as the days become longer and sunnier.

Photovoltaic power systems are expensive to install, a 2 kilowatt system such as Ashurst's would cost in the ballpark of \$14,000. However, if you love the idea of generating your own power, in

your own back yard, solar power may be just the thing to look into. Ashurst certainly doesn't regret the decision "As household widgets tend to go, it's to love. There's nothing to maintain or replace, no moving parts. It's quiet and clean."



**"There's nothing to maintain or replace, no moving parts. It's quiet and clean."**



# Kill-A-Watt News

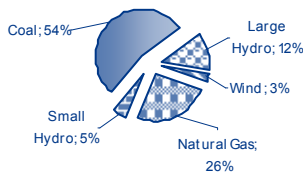
## Be Energy Wise

For A Brighter Logan!

The above is a new slogan to remind Logan City Residents to conserve energy and practice energy efficiency. Keep in mind that "A Brighter Logan" will come from saving energy at home and at work. Look for the upcoming energy conservation and efficiency programs for Logan City. More details about these programs will be available in the near future.

## Where Does Your Electricity come from?

Summer Power Sources For Logan, Utah



## What is the Alternative Energy Board?

The Alternative Energy Board was established in May, 2007 after the Logan Municipal Council voted against participating in the third phase of the IPP (an expansion to a coal fired power plant).

Spearheaded by Laraine Swenson and other concerned citizens, the board was formed to begin looking at alternative ways to obtain the 10 megawatts of

power that was not purchased by Logan City.

Since that time, the board has investigated what other communities are doing for energy conservation and efficiency programs and looked into alternative forms of energy such as solar power, geothermal power, landfill gas & biomass. They have also hired a conservation coordinator for the city, Emily Malik, to help coordi-

nate and develop incentive systems and public outreach programs for energy conservation and efficiency.

In all, the board is hoping to launch energy conservation and efficiency campaigns and programs in order to eliminate the necessity for Logan City to purchase more power in the future.

## Start A "Save Energy" Savings Account!

Increasing your energy efficiency and practicing energy conservation at home will save you money on your monthly electric bills. Why not take the money you save and start a "save energy" savings account?! By implementing the following tips,

You could Save':

\$11.11 OR \$133.46

Start Saving Today!

If you replace eight of your regular incandescent light bulbs with 8 - 13 Watt compact fluorescent light bulbs (CFLs), you will save:

\$4.55/month or \$54.90/year



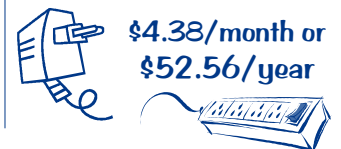
Set your dishwasher so that you don't use the water temperature heating or heated dry options. These small changes will save you about:

\$2.17/month or \$26.00/year



Phantom loads come from appliances that use power, even when they are turned off. By unplugging (or turning off the power strip to) your instant-on TV, VCR, microwave, stereo with remote control, and two cube wall plugs, you could save:

\$4.38/month or \$52.56/year



\*Your savings will vary based on your specific usage/equipment. The figures given here are based on averages.