

Energy Conservation

Renewable Resources

Energy Efficiency

Bright Futures

Logan City, United

o Summer 2015

# Kill-A-Watt News

Renewable Energy & Energy Conservation Advisory Board



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## The New Face of Light Bulbs

RECAP has several board seats available. If you are willing to serve on this board, please contact staff coordinator Emily Malik at 435-716-9792 or via email at emily.malik@loganutah.org. Thank You!



### Inside This Issue:

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Figuring out which type of light bulb to buy can be an overwhelming task! However, armed with a little knowledge, your next trip to the lighting aisle can be much less confusing.

The following are some words you might encounter on the light bulb aisle.

“LUMENS” A lumen is simply the light output of the bulb. The higher the number, the more light.

“APPEARANCE” This term can be confusing because it has nothing to do with what the shape of the bulb is. Rather it refers to the Correlated Color Temperature (CCT) which is often called ‘temperature’ or ‘light appearance’. This is a scale that is used to measure the color of light. The scale ranges from 2700K to 6500K. The lower the number, the warmer the light (soft white) and the

higher the number, the cooler the light (daylight).

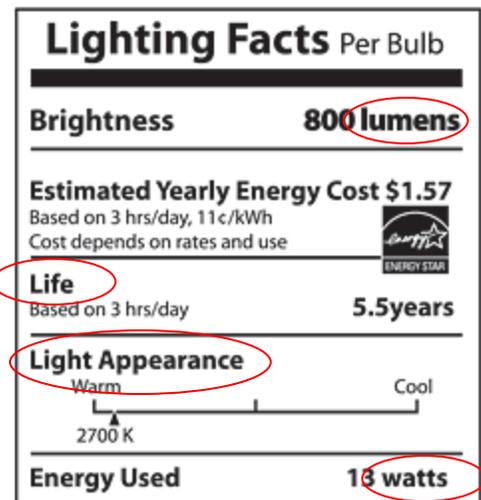
“WATTS” Watts are the measure of power consumption. This number indicates the amount of energy required to light the product. The lower the number, the less electricity used.

The final item of note is the life span of a light bulb.

Many of the newer LED light bulbs have 20 year life spans while lower energy incandescent bulbs might last 1-2 years.

Some bulbs might be less expensive initially but cost you much more to operate in the long run. It is important to look at the cost of a bulb over time.

Fortunately for consumers, all light bulbs come equipped with a “lighting facts” label. This label puts all of the information discussed here in an easy to read format. It looks similar to a food label and you can see an example of this label below.



To learn more visit the US Department of Energy website: <http://energy.gov/public-services/homes/saving-electricity/lighting>.

# Solar Power for Everyone!

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Logan City Light and Power customers now have two great options to support and/or purchase solar power for their home!

## Solar Rate

The first program is a Logan City Light and Power program which allows customers to purchase 100 kWh blocks of electricity generated from the city-owned community solar farm. For those that sign up, the first 100 kWh of your kWh usage will be billed at the solar rate of 12 cents/kWh until July 1, 2035. The cost difference between our traditional rate structure and the solar rate is \$2.51/month. You can view both the existing rate and the solar rate below:

### Existing Rate Schedule 1:

\$0.0949/kWh for 0-400 kWh  
\$0.1162/kWh for 401-600 kWh  
\$0.1302/kWh for 601+ kWh

### Solar Rate Schedule 1a:

\$0.1200/kWh for 0-100 kWh  
(this portion of the rate is locked in until July 1, 2035)  
\$0.0949/kWh for 101-400 kWh  
\$0.1162/kWh 401-600 kWh  
\$0.1302/kWh for 601+ kWh

The great part about the solar rate is that the cost for those 100 kWh will remain the same for 20 years into the future, no matter what happens to the rest of the existing electric rates as long as you stay subscribed to this rate. Homeowners are not committed to the rate for 20 years, they can cancel and return to the existing rate structure at any time.

Limited shares are available. When we run out of available shares for our existing community solar array, your name will be placed on a first-come, first-serve list for the rate while we expand the community solar farm in the future.

Logan City's Community Solar array

will only grow with citizen interest in supporting this renewable source of power generation. If renewable energy is important to you, sign up for the solar rate today by calling Dixie at 435-716-9700 or by logging on to our website at <http://communitysolar.loganutah.org>.



Picture of the Logan City Community Solar Array

## Cache Solar Discount Program



The bulk purchase program was started by the Cache Clean Air Consortium. Mem-

bers of the Cache Clean Air Consortium (CCAC) initiated the Cache Solar Discount Program in order to facilitate a clear and straightforward process for Cache Valley citizens to obtain discounted pricing for residential solar photovoltaic (PV) installations by combining purchases.

In short, the Cache Solar Discount Program does the following:

- Provides discount pricing for residential solar rooftop installations based on a bulk rate provided by the selected contractor for 2015.
- Provides a simple, streamlined process for homeowners to purchase a system and obtain state, federal, and other applicable incentives.
- Provides proven, quality products and excellent service.

Cache County residents who participate in the program should expect a

simple purchasing process, installation of a high quality turnkey solar PV system, and assistance in obtaining state and federal tax incentives. The process is as follows:

- Step 1: Sign up on the program website ([www.cachesolar.org](http://www.cachesolar.org)) Or, to obtain more information about the program before you sign up, attend a workshop on July 9th at Logan Library.
- Step 2: A program representative will contact you with a preliminary cost proposal and free digital site assessment. Receive preliminary cost proposal- Free Digital Site Assessment. Find out your solar potential!
- Step 3: Program representatives will provide on site evaluation & final detailed project proposal including a finalized panel layout, production estimates and system details.  
*Note: This step requires a \$35.00 site assessment/engineering fee. The full fee amount will be applied towards the final cost of your installation should you choose to install.*
- Step 4: Sign the contract and receive a worry free installation.



Picture of solar panels on a home whose owners participated in the Cache Solar Discount Program

Residents who are interested in obtaining more information about this program should send an email to [solar@gardner-energy.com](mailto:solar@gardner-energy.com), visit the program website at [www.cachesolar.org](http://www.cachesolar.org), or attend a solar workshop.