

# Around the House

From Our Greenwave Electric  
Family to Yours

## greenWaveelectric

### What Greenwave Does:

- **Aluminum Wiring Replacement.**
- **Electrical Safety Inspections.**
- **Home Generators.**
- **Home Re-Wiring.**
- **Electrical Repairs.**
- **Data Cable Wiring**  
**Phone TV**  
**Satellite.**
- **Lighting.**
- **Residential Pools.**
- **Panel Upgrades.**
- **Service Upgrades.**
- **Surge Protection.**

### Benefits of Using Greenwave:

- **On Time Every Time, or We Buy You Dinner!**
- **Professional Technicians.**
- **Up-Front Proposals.**
- **Shoe Covers for Floor Protection.**
- **Detailed Clean-up When We're Finished.**

### The Education of Lighting Choices in Today's World...

The Energy Independence and Security Act mandates that all new light bulbs sold must be at least 25% more efficient than current incandescent bulbs. This has led to a phase out of incandescent light bulbs that is currently underway.

In 2012: All 100w incandescent bulbs were phased-out.

In 2013: All 75w incandescent bulbs will be phased-out.

In 2014: All 40w and 60w incandescent bulbs will be phased-out.

What this means to consumers is that it is time to find a more energy efficient bulb to light the way. Let's examine the pros and cons of the available choices.

### Incandescent Light Bulbs

#### Pros:

- Most commonly used bulbs.
- Most inexpensive bulb.
- Produces excellent colored lighting.

#### Cons:

- Short life span on bulbs.
- 90% of energy is lost through heat.
- Only 10% of energy produces actual light.
- Won't be available in the future.



Common 60W Incandescent Bulb

## Compact Fluorescents or CFL Bulbs



Common 14W  
CFL Bulb

### Pros:

- Uses 75% less energy than incandescent bulbs.
- Lasts 10 times longer than incandescent bulbs.
- Does not create and emit large amounts of heat.
- Produces similar quality lighting as incandescent bulbs.

### Cons:

- Most cannot be used with dimmer switches.
- More expensive than incandescent bulbs.
- Cheaper CFL bulbs burn out quickly.
- Once on, it takes a minute or two to reach full brightness.

## LED Bulbs



Philips 12.5W  
AmbientLED Bulb

### Pros:

- More direct and efficient lighting.
- Produces no heat.
- Extremely durable.
- Life span is over 60,000 hours.

### Cons:

- Expensive to purchase.
- Bulbs with poor design may provide uneven lighting.
- May fail prematurely in high temperature conditions.



## Important Facts That You Didn't Know...

If every home in the U.S. replaced just One light bulb with an ENERGY STAR rated light bulb it would prevent 9 billion pounds of greenhouse gas emissions per year.