

**Why Trust Anyone Else?**

# Energy Tips



*You may be surprised!*

## Compact Fluorescent Lights (CFL)

If every American home replaced just one light bulb with an ENERGY STAR, we would save enough energy to light more than 2.5 million homes for a year and prevent greenhouse gases equivalent to the emissions of nearly 800,000 cars.

### ENERGY STAR qualified CFLs:

- Use at least 2/3 less energy than standard incandescent bulbs to provide the same amount of light, and last up to 10 times longer.
- Save \$30 or more in energy costs over each bulb's lifetime
- Generate 70 percent less heat, so they're safer to operate and can cut energy costs associated with home cooling.
- In addition to other quality requirements, must turn on instantly, produce no sound, and fall within a warm color range or be otherwise labeled as providing cooler color tones.
- Are available in different sizes and shapes to fit in almost any fixture, for indoors and outdoors.

### Where to Use CFLs:

- To get the most energy savings, replace bulbs where lights are on the most, such as your family and living room, kitchen, dining room, and porch.
- Some CFLs have trouble operating in enclosed fixtures. Check the CFL's packaging for any restrictions on use.



### How to Choose the Right Light:

- Matching the right CFL to the right kind of fixture helps ensure that it will perform properly and last a long time. Read the packaging to be sure that the type you choose works for the fixture you have in mind. For example:
- If a light fixture is connected to a dimmer or 3-way switch, select CFLs that are labeled for this use !

- For recessed fixtures, it is better to use a "reflector" CFL versus a standard-shaped bulb.
- CFL's use far fewer watts than incandescent bulbs to produce the same amount of light. Light is measured in lumens at the light source. To get a CFL with the right amount of light, choose one that offers the same lumen rating as the light you are replacing. The higher the lumen rating, the greater the light output. Use the table below to see how lumens can generally be compared.

A-shaped Incandescent Bulb (Watts)	Compact Fluorescent Bulb	1 Typical Lumens (Measure of Light Output) 00 Watt
40 Watt	9-11 Watt	> 450
60 Watt	13-17 Watt	> 800
75 Watt	18-20 Watt	> 1,100
100 Watt	23-26 Watt	> 1,600
150 Watt	32-42 Watt	> 2,600

### Remember, saving energy prevents

**pollution.** When you use less energy at home, you lessen greenhouse gas emissions in our atmosphere. Every CFL can prevent more than 450 pounds of emissions from a power plant over its lifetime.

**Do they really work?** \*I replaced 15 incandescent high-use bulbs in our home with CFL bulbs and our electricity bill was cut by \$20 per month, that could average to \$240 per year! I could save even more if I could get my children to turn off the lights when no one is in the room!

Honest Home Inspection cares about you, your family, and the nations energy conservation. That is why we have provided this material on "Energy Tips". Share it with friends, neighbors, and co-workers. **Be Smart and Energy Wise!**

**Honest Home Inspections, LLC**  
**A Referral is the best compliment we can get!**

**Thanks for your business, Scott**

\* Savings were based on normal home usage in the month of November vs. December. This was not a controlled experiment

Sources: [http://www.energystar.gov/index.cfm?c=cfls.pr\\_cfls](http://www.energystar.gov/index.cfm?c=cfls.pr_cfls), Energy star 2004 focus on energy brochure RES-2233-1106  
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