

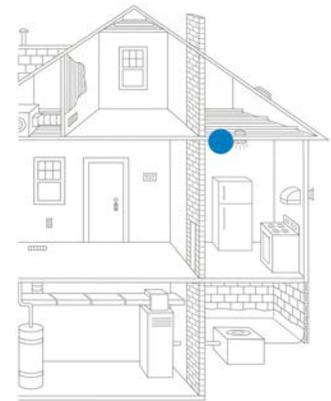
# Lighting

Nearly 11 percent of your home's electricity bill is attributed to lighting. Changing your old incandescent bulbs to new ENERGY STAR<sup>®</sup> certified Compact Fluorescent Lighting (CFL) and/or Light-Emitting Diodes (LED) is a simple step you can take to make your home more energy efficient. If every household in the United States replaced their five most frequently used incandescent bulbs with ENERGY STAR certified bulbs, it would save about \$8 billion in annual electricity costs.

## How will ENERGY STAR certified lighting save me money?

ENERGY STAR certified lighting meets strict performance requirements that are third-party certified to provide the following benefits:

- **Less Energy** – ENERGY STAR certified bulbs use about 75 percent less energy than your old incandescent bulbs while producing the same amount of light. Each ENERGY STAR certified bulb will save about \$6 per year in electricity costs, or more than \$40 over the lifetime of the bulb, which pays for itself in about six months. For the greatest savings, install ENERGY STAR certified bulbs in the fixtures that you leave on the longest.
- **Less Heat** – ENERGY STAR certified bulbs produce about 75 percent less heat than incandescent bulbs, which makes them safer to operate and reduces the amount of energy needed to cool your home in the summer.
- **Long Life** – ENERGY STAR certified bulbs last six times to 25 times longer than incandescent light bulbs and are backed by manufacturer warranties. Since these bulbs need to be replaced less often, they're also convenient for those hard-to-reach fixtures.



## TVA INCENTIVES

You are eligible to have up to 12 LEDs installed in high use areas during your eScore Evaluation.

For more details, call 1-855-2eScore (1-855-237-2673) or go to [www.2eScore.com](http://www.2eScore.com)

## How do I choose the right ENERGY STAR certified lighting?

- **Brightness** – The amount of light produced by a light bulb is measured in lumens, not watts. The more lumens, the brighter the bulb. However, since most consumers are familiar with the amount of light produced by incandescent bulbs, most light bulb manufacturers conveniently indicate on the packaging the equivalent incandescent wattage as a point of reference.
- **Color Shade** – The color of light produced by a light bulb is measured in Kelvins (K). A higher number means that the light is whiter (3000K) or bluer (4100K). A lower number means that the light is more yellow (2700K). Most ENERGY STAR bulbs produce light that matches the color of incandescent bulbs in the range of 2,700K to 3,000K, but other varieties are available.

- CFL or LED – ENERGY STAR certified lighting is available in CFL and LED bulbs. LED bulbs can be more efficient and longer lasting than CFLs, but CFLs are usually less expensive than LED bulbs. Both types of bulbs are available in a variety of colors, shapes, and sizes.
- Dimmable – Bulbs that will be used with a dimmer must be labeled as dimmable.
- Outdoor – Bulbs that will be used in outdoor fixtures should be rated for outdoor use.

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**BROKEN CFL CLEAN-UP**

CFLs are perfectly safe when used under normal conditions, but proper care must be taken if a CFL is broken. The EPA provides specific instructions on the proper way to clean-up a broken CFL. For more details, please refer to:

[www2.epa.gov/cfl](http://www2.epa.gov/cfl)

Click on the “Cleaning up a Broken CFL” link in the center of the page.

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