



A MELG initiative working toward a leaner, meaner, and greener work environment



Compact Fluorescent Lightbulbs (CFLs)

- Use about **75 percent less energy** than standard incandescent bulbs and last up to 10 times longer, up to 4 years.
- **Save about \$30** or more in electricity costs over each bulb's lifetime.
- Produce about **75 percent less heat**, so they are safer to operate and can cut home cooling costs. When you turn on an incandescent light bulb, only 10 percent of the electricity used is turned into light. The other 90 percent is wasted as heat.
- Are available in different sizes and shapes to **fit in almost any indoor or outdoor fixture**.
- CFLs are ideal for hard-to-reach fixtures because they **don't need to be changed as often**.
- Replacing a single incandescent bulb with a compact fluorescent bulb will keep **1,000 pounds of CO2** from entering the atmosphere over the life of the bulb.



Compact fluorescent lamps (CFLs) are smaller versions of standard fluorescent lamps. They consume much less energy, but provide light that is comparable to incandescent lights. Also, they can generally directly replace standard incandescent bulbs.

Environmental Savings

If every American home replaced just one light bulb with an ENERGY STAR qualified bulb, we would save enough energy to light more than 3 million homes for a year, more than \$600 million in annual energy costs, and prevent greenhouse gasses equivalent to the emissions of more than 800,000 cars.

Where to use CFLs

ENERGY STAR qualified CFLs provide the greatest savings in fixtures that are on for a substantial amount of time each day. At a minimum, ENERGY STAR recommends installing qualified CFLs in fixtures that are used at least 15 minutes at a time up to several hours a day. The five highest use fixtures in a home are typically the kitchen ceiling lights, the living or family room table and floor lamps, and outdoor porch or post lamp.