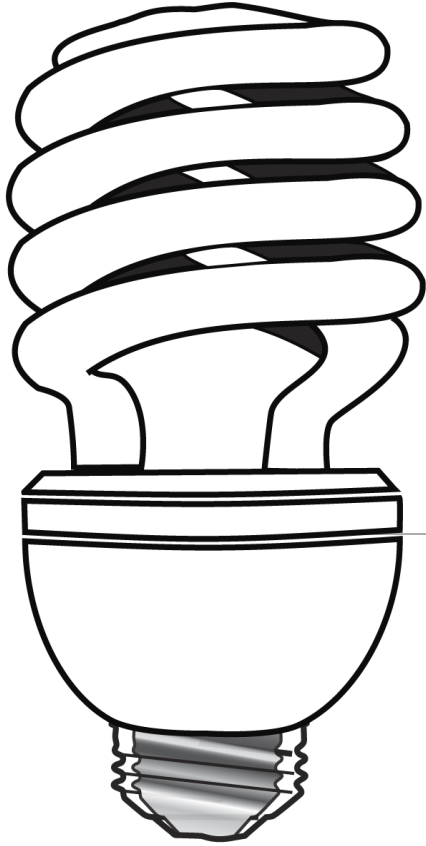


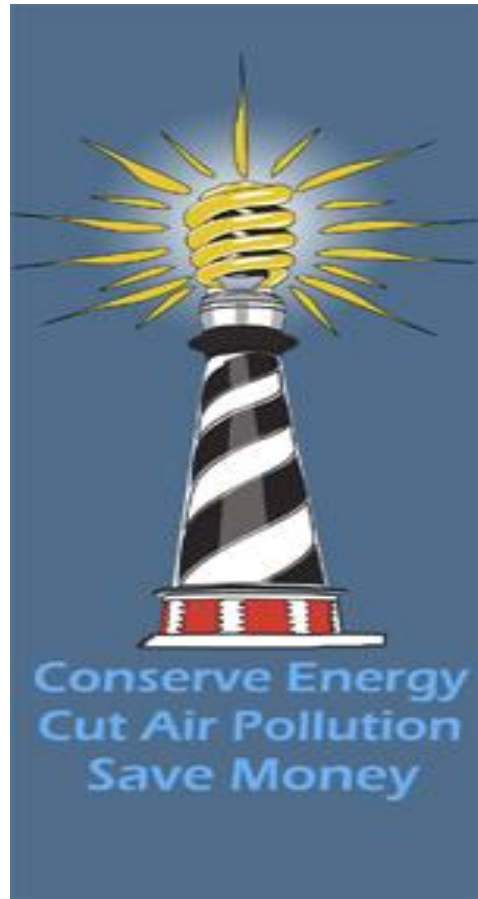
CFL vs. Incandescent



SLIDES CREATED BY: TOM MATHER
AND MILLI HAYMAN

N.C. DIVISION OF AIR QUALITY

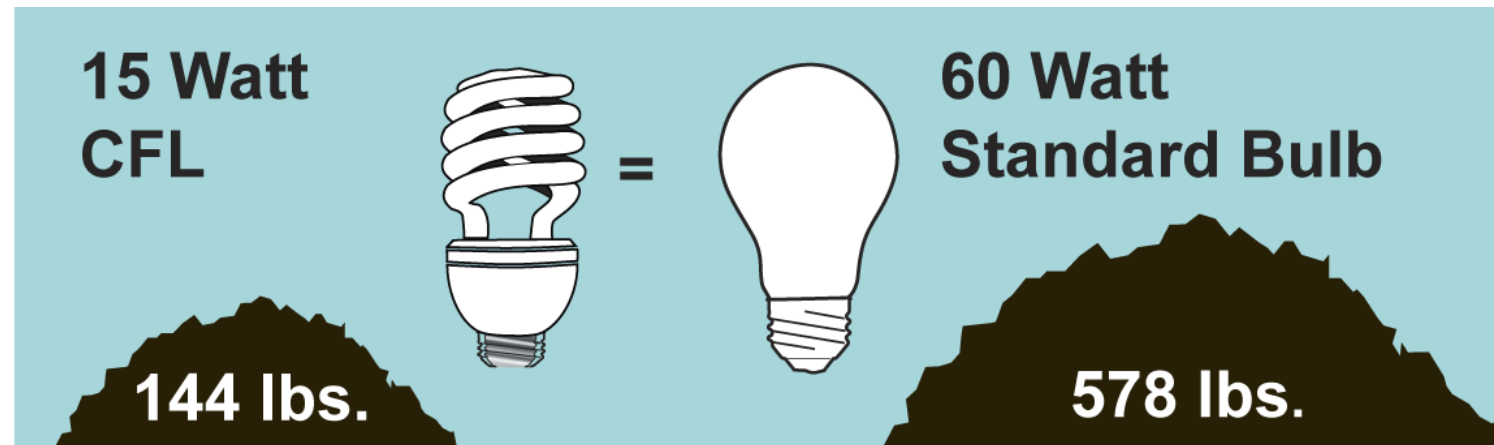
Key Message: Benefits of CFLs



Conserve energy
Cut air pollution
Save money

Conserving Energy

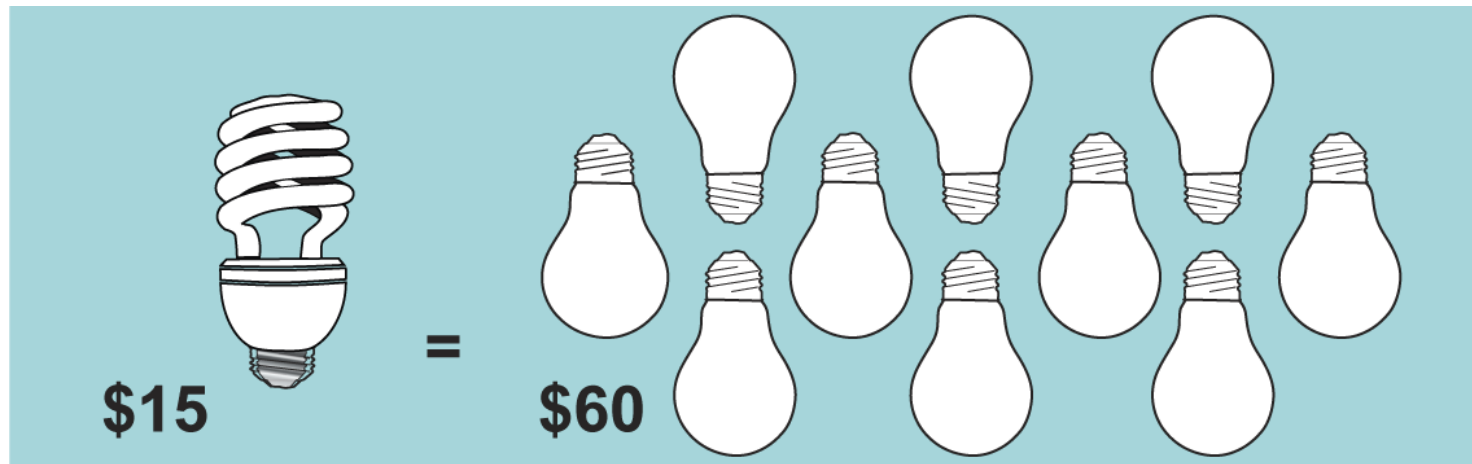
CFLs use one-fourth the energy of standard bulbs. Each CFL can save more than **400 pounds** of coal in its lifetime.



Coal used during 10,000 hour average CFL bulb lifetime.

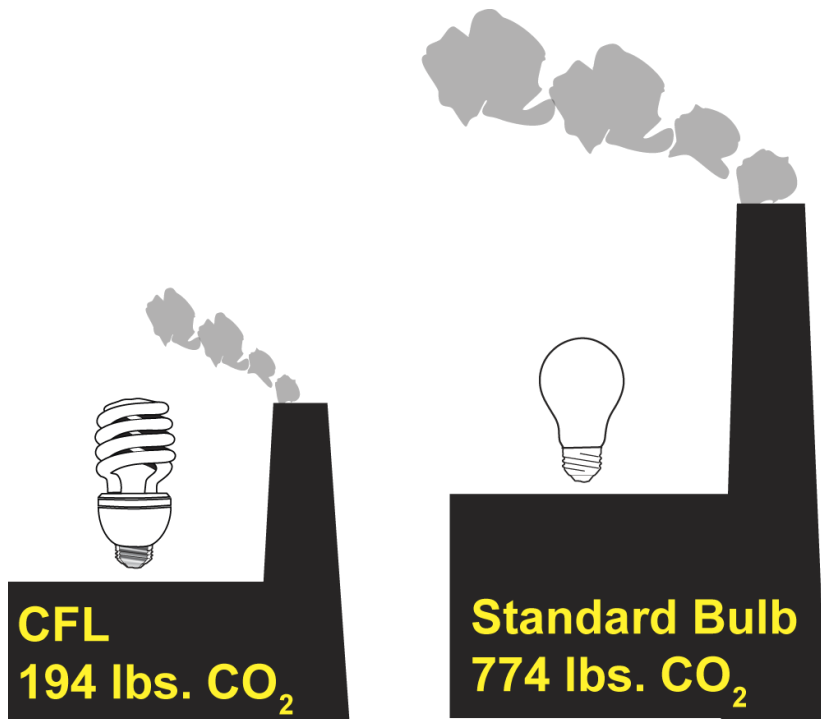
Saving Money

CFLs last up to 10 times longer than standard bulbs, and each CFL saves about **\$40** in electricity during its lifetime.



Electricity and bulb cost for one CFL vs. 10 standard bulbs needed for the same hours of operation.

Reducing Air Pollution



CFL
194 lbs. CO₂

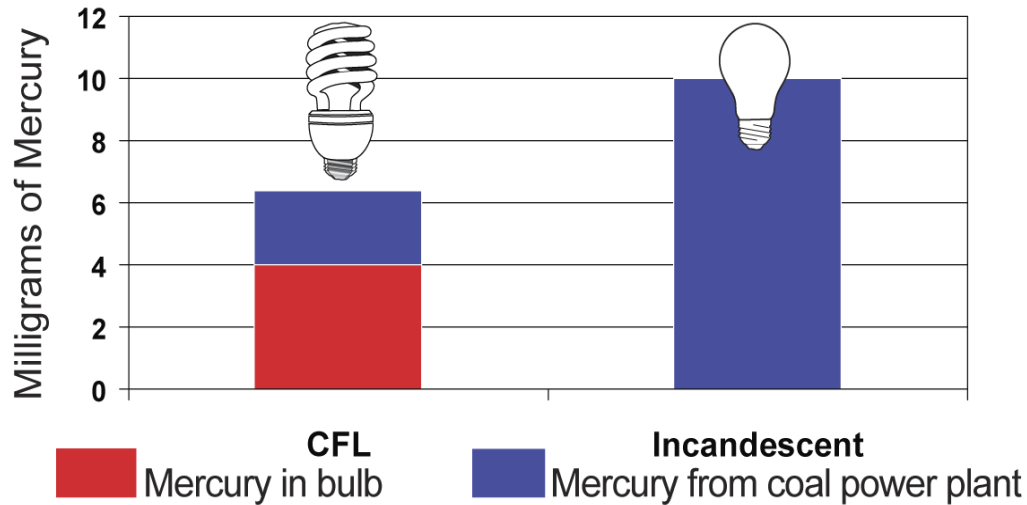
Standard Bulb
774 lbs. CO₂

Most electricity comes from burning coal, which creates pollution that contributes to ozone, haze, climate change and other air quality problems.

Emissions from electric generation for 10,000 hours operation (CFL bulbs life).

Mercury: Stress Proper Disposal

Mercury Emissions by Light Source during 5 Years



CFLs contain small amounts of mercury, so recycle or dispose of properly. Using CFLs actually reduces mercury in the environment by lowering electricity use and coal consumption.

Contact Information



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