



**Join the  
New York energy  
revolution and  
start saving  
money and energy  
now.**

**Use ENERGY STAR® qualified  
compact fluorescent light bulbs (CFLs).**

### **How to recycle CFLs from your home:**

CFLs contain a very small amount of mercury.  
Protect the environment by recycling burned-out CFLs.

#### **WHEN YOUR CFL BURNS OUT:**

Take the bulb to your local Household Hazardous Waste (HHW) collection event or participating CFL collection center for recycling, being careful to avoid breakage.

#### **IF YOUR CFL BREAKS IN YOUR HOME:**

Although CFLs contain only a small amount of mercury, take extra precautions when cleaning up. Do not vacuum. Open a window for ventilation, clean up the glass with a wet rag or paper towel, place the broken pieces in a sealed jar and place in the trash container outside your house.

### **Where CFLs can be recycled:**

The following websites can help you find your closest recycling center and provide more information:

- **CFL Collection Centers:** provides a list of retailers that will take back CFLs - [www.GetEnergySmart.org/Resources/Findpartner.aspx?2](http://www.GetEnergySmart.org/Resources/Findpartner.aspx?2)
- **New York State Department of Environmental Conservation (NYSDEC):** provides information on CFLs, HHW collection events and cleanup guidance - [www.dec.ny.gov/chemical/44927.html](http://www.dec.ny.gov/chemical/44927.html)
- **City of New York Department of Sanitation Bureau of Waste Prevention, Reuse and Recycling:** provides information on CFL recyclers for New York City residents - [www.nyc.gov/nycwasteless](http://www.nyc.gov/nycwasteless)
- **Earth 911:** comprehensive recycling information by zip code - [www.Earth911.org](http://www.Earth911.org) or call 1-800-CLEAN-UP.

For more information on CFLs, mercury and recycling, visit [www.GetEnergySmart.org/EEProducts/Lighting/CFLRecycling.aspx](http://www.GetEnergySmart.org/EEProducts/Lighting/CFLRecycling.aspx)



**[www.GetEnergySmart.org](http://www.GetEnergySmart.org)  
1-877-NY-SMART**

**ENERGY STAR® QUALIFIED LIGHTING**

**SAVE  
UP TO 75%  
ON YOUR LIGHTING  
ENERGY  
COSTS.**





## ENERGY STAR® QUALIFIED CFLs ARE BETTER

### Here are some of the ways ENERGY STAR qualified CFLs are better than traditional incandescent bulbs:

- They produce the same amount of light, but use 75% less energy than incandescent bulbs.
- They last 6,000 hours or more (at least 7 to 10 times longer than incandescent bulbs).
- They produce less heat. Unlike incandescent bulbs, CFLs operate at less than 100°F.
- One ENERGY STAR qualified CFL will save you up to \$70 over its lifetime.

### What about flicker and hum?

ENERGY STAR qualified CFLs don't have the flicker and hum that some fluorescent lights have. ENERGY STAR qualified CFLs eliminate this problem with the use of an electronic ballast within the metallic screw base.

**TIP: USE A TIMER AND SENSORS SO  
LIGHTS ARE ON ONLY WHEN NEEDED.**



### How to choose the right ENERGY STAR qualified CFL:

- **Choose the right bulb for the right function.** Some CFLs are capable of dimming, three-way functionality, or outdoor use. Check the packaging before you buy. Using the wrong bulb in an application reduces the bulb's life.

- **Compare the light output.**

Because CFLs use less energy, they also use less wattage to produce the same amount of light.

Standard incandescent bulb (watts)	CFL equivalent (watts)
40	9
60	14
75	18
100	23

- **Find the light you're looking for.** CFLs produce different types of light depending on their Correlated Color Temperature (CCT). Choose the one that is best for the location and type of activities that take place there.

Type of light desired	CCT for CFL replacement
<b>Warm</b> Similar to incandescent light	2,700 - 3,000K
<b>Natural</b> Similar to sunlight	3,500K, 4,100K, 5,000K, 6,500K

- **Mini or compact CFLs are a good option** where you need a small bulb. If you need to use a larger CFL, harp and socket extenders can add space around the bulb and socket in many fixtures and lamps.
- **Protect CFLs outdoors.** CFLs take longer to start in cold weather. An enclosed fixture will provide protection to the bulb, allowing it to perform as it should.
- **Choose ENERGY STAR qualified CFLs.** Look for the ENERGY STAR label - not all CFLs are ENERGY STAR qualified.

### How can ENERGY STAR qualified CFLs help New York's environment?

ENERGY STAR qualified CFLs use less energy. This results in less fossil fuels being burned at power plants producing the energy, less greenhouse gases released into the air, and less mercury emissions in comparison to incandescent light bulbs.

**FACT:** If every household in New York State replaced one incandescent bulb with an ENERGY STAR qualified CFL, we would avoid releasing more than 562 million pounds of greenhouse gas emissions over the lifetime of the bulbs. That is the environmental equivalent of taking approximately 40,000 passenger cars off New York's roads for a year.

### What is an ENERGY STAR qualified fixture?

ENERGY STAR qualified fixtures are designed around the light source, including proper fit, color, wattage, and durability. They use 25% less energy than traditional lighting, while combining quality and attractive design with the highest levels of energy efficiency available today.

### Want to save more energy?

Then we can help. We are the New York State Energy Research and Development Authority (NYSERDA) and we're New York's number one resource for helping you save money and energy.

Log on to **www.GetEnergySmart.org** or call **1-877-NY-SMART** to find more ways to save.