

# ENERGYwise

FOR YOUR HOME



## Compact Fluorescent Light Bulbs (CFLs)

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

### ENERGY STAR® Qualified CFLs:

- Use about 75 percent less energy than standard incandescent bulbs and last up to 10 times longer
- Save about \$30 in electricity costs over each bulb's lifetime
- Produce about 75 percent less heat, making them safer to operate and cut energy costs associated with home cooling

- Are available in different sizes and shapes to fit in almost any fixture, for indoor or outdoor use

### Where to use CFLs:

For maximum energy savings, ENERGY STAR® recommends using qualified CFLs in fixtures that are on for substantial amounts of time each day—from 15 minutes to several hours. For most households, the best fixtures for using qualified CFLs are found in:

- Family and Living Rooms
- Dining Rooms
- Outdoors
- Kitchens
- Bedrooms

### How to choose the right CFL:

Follow these guidelines for matching the right CFL to the right fixtures to ensure long-lasting, properly performing lighting.

- CFLs perform best in open fixtures that allow airflow such as table and floor lamps, wall sconces, pendants and outdoor fixtures.
- For recessed fixtures, it is better to use a reflector CFL than a spiral CFL since the design of the reflector evenly distributes the light down to your task area.

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### CFL rebate coupon!

- Up to \$1 rebate per ENERGY STAR® rated compact fluorescent bulb. Rebate cannot exceed actual purchase price of bulb or be used with other CFL promotions.
- Rebate available for residential members only.
- Rebate will be issued as a credit on your electric bill. Allow 6-8 weeks for processing.
- Fill out the coupon below. Bulbs must be installed at address provided on coupon.
- Indicate number of bulbs purchased (must match receipt). Purchases of 25 or more bulbs require pre-approval and are subject to on-site inspection. Call 651-463-6243 for pre-approval.
- Submit coupon, original sales receipt and ENERGY STAR label from package within 60 days of purchase date.
- Mail to: Dakota Electric Association, Attn: Julie S.  
4300 220th Street West, Farmington, MN 55024

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zip \_\_\_\_\_

Account Number \_\_\_\_\_




Number of bulbs: \_\_\_\_\_

X up to \$1 each: \_\_\_\_\_

Total rebate due: \_\_\_\_\_



Your Touchstone Energy® Partner 

# If every home replaced one light bulb with a CFL, we would save enough energy to light three million homes a year

- If a light fixture is connected to a dimmer or a three-way socket fixture, you'll need to use an ENERGY STAR qualified CFL that specifies compatibility with those fixtures.
- Choose the shade of light that will work best for your lighting needs. Most CFLs provide warm or soft white light for general home lighting, however, a cooler color may work better for task lighting.
- Get the right amount of light by finding an ENERGY STAR qualified CFL that is labeled as equivalent to the incandescent bulb you are replacing. Light bulb manufacturers include this information directly on the product packaging using common terms such as "Soft White 60" or "60 Watt Replacement." Also check the lumen rating to find the right CFL. The higher the lumen rating, the greater the light output.

## CFL disposal — Closing the loop:

- CFLs contain a small amount of mercury that can be harmful to the environment. Each bulb contains approximately five milligrams of mercury, enough to cover the tip of a pen. Approximately half of the

mercury in the bulb is vapor and the other half is contained in the powder and the glass.

- Because CFLs contain mercury it is important that they are recycled. In Minnesota, it is illegal to place them in the garbage.
- You can now recycle your used CFLs for free at most Home Depot® stores in Minnesota.
- You can also recycle your used CFLs at many local recycling centers or at your community's next household hazardous waste collection event.
- You can find out your options for recycling by going to: [www.minnesota.earth911.org](http://www.minnesota.earth911.org) or [www.pca.state.mn.us](http://www.pca.state.mn.us).

## Contact the Energy Experts®

Dakota Electric Association  
 4300 220th Street West  
 Farmington, MN 55024  
 651-463-6243 • 800-874-3409  
[www.dakotaelectric.com](http://www.dakotaelectric.com)

Programs and prices are subject to terms, conditions and change without notice.

## LIGHT OUTPUT EQUIVALENCY & COST SAVINGS

Consult this chart to determine which ENERGY STAR qualified CFL will provide the same amount of light as your current incandescent light bulbs, plus how much money you can save using CFLs instead of incandescent bulbs.

INCANDESCENT LIGHT BULBS	MINIMUM LIGHT OUTPUT	COMMON ENERGY STAR QUALIFIED LIGHT BULBS	ANNUAL KW SAVED	CFL ANNUAL SAVINGS @ \$.12 KWH/YEAR
WATTS	LUMENS	WATTS	PER BULB	PER BULB
40	450	9-13	45	\$5.40
60	800	13-15	69	\$8.28
75	1,100	18-25	83	\$9.96
100	1,600	23-30	110	\$13.20
150	2,600	30-52	146	\$17.52

