

# Save\* on home lighting costs.

### Compact fluorescent light bulbs

- Improved – today's new generation of compact fluorescent light bulbs (CFLs) are smaller, turn on instantly and some even are dimmable and available in 3-way versions!
- Convenient – CFLs can last up to 10 times longer than standard incandescent light bulbs, so you have to change them less often.
- Efficient – CFLs use about 25 percent of the energy an incandescent light bulb uses.

### Choosing the right CFL

- Divide the wattage of your existing incandescent light bulb by 4. Then buy a CFL with a wattage closest to that new, lower number. Example: 100 watt incandescent = 25-watt CFL.
- Measure the width and height of your lighting fixture before purchasing a CFL, to ensure it will fit. Remember, some CFLs are larger than standard incandescent bulbs.
- Dimmers and Photocells: Certain CFLs will work with these lighting controls. Check the CFL package or ask store personnel for more information.
- Color: CFLs are available in warm and cool color temperatures, rated in degrees Kelvin. A rating of 2800K to 3100K will give you a warm glow similar to an incandescent light bulb. A 3500K to 4100K rating gives a brighter, whiter color. Check the packaging for details.

### Outdoor/security lighting

- Use photocells to automatically turn on outdoor lights at dusk.
- Use timers to automatically turn lights on and off when you're not home.
- Use high-pressure sodium or metal halide light bulbs in areas where you need high light levels. They are more efficient and last longer than incandescent light bulbs or CFLs.
- Use motion sensors so outside lights come on when needed.
- Use exterior (low-temperature) CFLs for porch lights.

### CFL torchiere floor lamps

Replace an old halogen torchiere with a cool, efficient CFL torchiere.

- Safety: Halogen torchieres can reach temperatures of up to 1000F. CFL torchieres operate around 100F.
- Energy-Efficiency: Replacing a halogen torchiere with a CFL torchiere reduces its energy use more than 80 percent. A halogen torchiere requires 300 watts of electricity to provide the same light as a 55-watt CFL torchiere.
- Versatility: CFL torchieres are available in a wide range of styles and colors. Some have convenient features such as dimmers and 3-way light bulbs.

### Simple lighting tips

- Turn off lights when they are not needed.
- Keep lighting fixtures clean to get the maximum light output.

For more information on managing home costs and how to get rebates and tax credits for making your home more energy efficient, call one of PGE's home energy experts, Monday – Friday at 503-612-3500. Or reach us online at [PortlandGeneral.com/Energy](http://PortlandGeneral.com/Energy).

\* Individual savings will vary depending on type, application and usage.

