

Renovate safely

- Be sure you or your contractors follow all local building codes, the Ontario Electrical Safety Code, bylaws and permit requirements.
- All electrical work must be inspected and approved by the Electrical Safety Authority. This inspection must be done prior to covering any wiring with drywall or any other wall/ceiling materials.
- Have a qualified electrician look at your electrical supply, panel and wiring to determine what alterations or additions may be required and make arrangements for an electrical inspection.
- New fixtures and switches should be wired by a qualified electrician whose work is inspected by the Electrical Safety Authority.
- Visit the Electrical Safety Authority at www.esasafe.com.



For more energy efficiency information

visit www.HydroOne.com/SaveEnergy and:

The Office of Energy Efficiency of Natural Resources Canada at www.oeenrcan.gc.ca

The Ontario Ministry of Energy and Infrastructure at

How to reach us

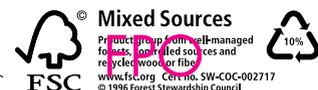
Web: www.HydroOne.com

Call: Customer Communications Centre
(7:30 a.m. to 8 p.m. ET) 1-888-664-9376

Power Outages and Emergencies:
(24 hours) 1-800-434-1235

Fax: 1-888-625-4401

Mail: Hydro One
P.O. Box 5700
Markham, Ontario L3R 1C8



Partners in Powerful Communities

Lighting Your Home

We can help



Ways to save

- **No-cost low-cost lighting tips**
- **Invest to improve**
- **Shopping tips**
- **Time-of-Use tips**



Partners in Powerful Communities

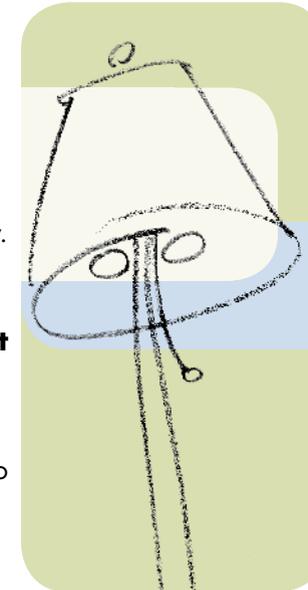
No-cost low-cost lighting tips

Lighting your home well makes it a pleasant place to live and uses electricity efficiently. Every light fixture in your home offers you an opportunity to save money on your electricity bill.

Lighting accounts for about five per cent of

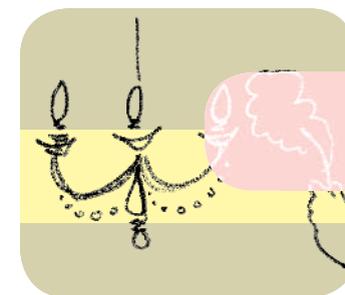
1 Location, location, location

Place your floor or table lamps in the corner of a room. The glow reflects off the walls and lights your room more effectively.



2 Lower your bulb count

One 100-watt incandescent bulb consumes the same amount of electricity as two 50-watt bulbs or four 25-watt bulbs, but gives off almost 20 per cent or 56 per cent more light, respectively.

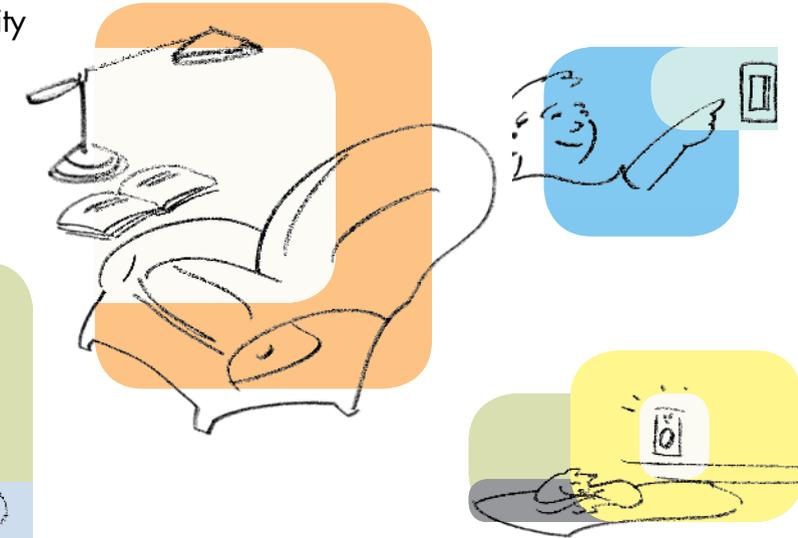


3 Bust bulb dust

Take the time to dust your light bulbs and clean your light fixtures often. Dirt on the surface of a bulb and a fixture can absorb up to half of the light and ruin the reflection factor.

4 Be switch smart

Remember to turn off lights when you leave a room, even if it's just for a short while, and make sure your family does the same.



5 Right light for the job

Reading a book? A reading lamp is the best tool for the job. Lighting a high traffic area like a hallway or a kitchen? Consider using compact fluorescent light bulbs (CFLs), which use 75 per cent less energy and last up to 10 times as long as incandescent light bulbs. Need a decorative, directional, or night light? Consider using LED light bulbs.

Time-of-Use Tips

- Dimmer switches make regular incandescent bulbs more efficient by letting you find just the right spot between on and off
- Turning down the lights whenever possible throughout the

Invest to improve

Investing in energy-efficient lighting pays dividends for years to come. Whether it's changing to energy-saving bulbs, or tackling bigger projects, you can take control of your lighting costs.

For projects that require a contractor, be sure to get a number of quotes and check references for appropriate qualifications.

The right bulb for the job = energy savings

Count the number of light fixtures in your home. In Ontario, the average home has around 30 – probably a lot more than you thought!

Every fixture in your home is a chance to save money on your electricity bill. Take the time to think about what each light is used for and how you can get the best use from it.

When comparing light bulbs, make sure you're looking at both the lumens and the watts. Lumens and watts don't mean the same thing. Lumens is a measure of the amount of light produced by each bulb, whereas a watt measures the amount of electricity used to produce the light.



Use this handy lighting chart when you go shopping for bulbs.



Incandescent Light Bulbs		Compact Fluorescent Light Bulbs	
Watts	Lumens	Watts	Lumens
25	270	5	250
40	510	7	400
52	780	9	600
60	860	15	900
75	1200	18	1250
100	1680	26	1800

Get CFLs and LEDs on your team

More than 90 per cent of the energy used by incandescent bulbs is lost as heat. A 15W CFL provides the same amount of light as a 60W incandescent, yet uses about 75 per cent less energy. It could save you up to \$2 a month in electricity costs. Also consider LEDs. These new lights use 2-10 watts of electricity (a tenth of the power used by incandescent lights).

Light your way with motion

Equipping your outdoor lights with a motion sensor is a great way to welcome yourself and your guests at the door. They give you the safety of lighting your path to the house without wasting electricity. Choose the amount of time you want them to stay on after they're triggered.

Timers are on your side

To make your home look occupied when you're out, consider installing programmable timers to switch selected lights on and off at specific times. Portable timers plug into a wall socket and operate lamps, while a permanent timer can replace the switch. CFLs are an excellent choice for this task because of their energy efficiency.

Look for LEDs for greater efficiency

Use Light Emitting Diode (LED) lights for decoration, night and directional lighting, and specialty applications. Because they have no filament, LEDs last longer and don't get hot, so they require far less electrical power. You'll see significant energy savings by using LEDs wherever possible.

Shopping Tips:

Compact Fluorescent Light Bulbs (CFLs)

CFLs do cost more to buy, but they use much less energy and last up to 10 times longer than regular bulbs! They're best suited to light fixtures that are used for three or more hours a day.

Remember:

- CFLs come in a range of shapes and sizes and new designs continue to be made available. Measure the bulb space in your lamp before buying.
- Many CFLs are made to work with various shapes and sizes of traditional fixtures.
- If you have a fixture with a dimmer switch, look for CFLs that work with dimmers or photo cells.
- There are CFLs that work for indoor and outdoor fixtures. Check the package for where to install the CFL.
- Not all CFLs are equal. CFLs that carry the ENERGY STAR symbol are among the best, most energy efficient on the market.



Light Emitting Diode Bulbs (LEDs)

LED lights are popular for strings of holiday lighting and small fixtures. They are an ideal choice for lights that are on for long periods of time. Look for a greater selection of LEDs coming to the market soon.

? More details and tips

More details and additional no-cost low-cost tips are available at www.HydroOne.com/SaveEnergy

