



Office Equipment

When Canadians want to save energy and money and help the environment, they look for the ENERGY STAR® symbol to identify energy-efficient products.

Desktop computers, scanners, the Internet and other electronic technologies are driving unprecedented change in Canada's economy, but there is a price to pay: as the use of office equipment grows, so does the consumption of energy. In fact, computers and other types of office equipment are among the fastest growing sources of energy consumption in Canada.

ENERGY STAR is the international symbol for energy efficiency. Businesses that buy ENERGY STAR labelled equipment save money because these products use less energy than conventional equipment while offering the same or better performance. From an environmental perspective, improving energy efficiency reduces greenhouse gases that contribute to climate change.

How Does Office Equipment Qualify for the ENERGY STAR Symbol?

In Canada, the ENERGY STAR symbol can be used to promote the sale of qualifying models of computers, monitors, photocopiers, fax machines, printers, scanners and multi-function machines. The technical specifications are the same for Canada and the United States.

To qualify:

- ▶ Computers must have the capacity to automatically switch into a low-power sleep mode, where the unit consumes no more than 30 watts of power after a preset period of inactivity.
- ▶ Monitors must have two low-power sleep modes, first reducing energy use to no more than 15 watts after 15 to 30 minutes of inactivity and then switching to a "deep sleep" mode of eight watts or less after being inactive for a cumulative period of 70 minutes.
- ▶ Printers and fax machines must automatically enter a low-power mode of 15 to 45 watts or less after a period of inactivity.

DID YOU KNOW?

The increasing use of computers is leading the fast-growing electrical load for office equipment. Office equipment accounts for about 11 percent of all electricity use in the commercial sector.



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- ▶ Photocopiers must go into a low-power mode and an off mode of 5 to 20 watts after 30 to 90 minutes of inactivity, depending on the copier's speed.
- ▶ Scanners must automatically enter a low-power mode of 12 watts or less when not in use.
- ▶ Multi-function devices (which offer copying, printing, faxing, scanning and/or other capabilities) must automatically power down to no more than 30 to 200 watts after a period of inactivity, depending on device speed.

Manufacturers of office equipment who are not already enrolled in the ENERGY STAR® program in the United States and who wish to use the ENERGY STAR symbol in Canada must sign an administrative arrangement with Natural Resources Canada's (NRCan's) Office of Energy Efficiency (OEE) and certify that the product or products to be labelled meet ENERGY STAR specifications. Manufacturers of ENERGY STAR labelled products that qualify in Canada and those who are enrolled in the U.S. ENERGY STAR program must supply NRCan with a Canadian contact if they wish to benefit from NRCan's marketing and promotional activities.

Availability of ENERGY STAR Office Equipment

Many office equipment products now sold in Canada show the ENERGY STAR symbol on the product, on its packaging or in its literature. These products are designed to meet international ENERGY STAR specifications that are used by many countries. From Australia to Europe, they have joined in promoting the symbol.

The ENERGY STAR initiative in Canada is expected to result in increased demand for, and availability of, ENERGY STAR labelled office equipment across Canada.

For more information on ENERGY STAR in Canada, visit the Web site at energystar.gc.ca, or call the publications line at 1 800 387-2000 (toll-free).



Leading Canadians to Energy Efficiency at Home, at Work and on the Road

The Office of Energy Efficiency of Natural Resources Canada strengthens and expands Canada's commitment to energy efficiency in order to help address the challenges of climate change.