



HYDRO ONE / ENERGY INNOVATORS

Municipalities/Universities/Schools/Hospitals

Cut Costs From Clinic to Classroom

Energy efficiency is the cost-effective way to save money and improve your buildings.



Make your buildings better

Toss the relics

Get your lighting out of the dark ages with energy-efficient LEDs and controls.

The power of payback

Incentives offset the up front cost of upgrading and pay up to 50% of project costs.

Where to upgrade?

Update your facility with the best technologies for schools, hospitals & more.



Partners in Powerful Communities



SMART PLANNING INCLUDES ENERGY EFFICIENCY

Less waste, more savings

Saving energy is among the most responsible, cost-effective ways for public agencies to manage and control costs. We can help you uncover energy savings, take advantage of incentives to invest in the latest energy-efficient systems and technologies and improve the comfort of your buildings.

WHY INVEST?

Four reasons to save

Improve building conditions

Energy efficiency is a proven way to create safer, healthier, more comfortable environments.

Be a leader in sustainability

Sustainability is responsible and proactive – something everyone can rally around.

Faster payback

Incentives increase ROI and help build support for both small and capital projects.

Reliable

High-efficiency equipment is typically more reliable, so there's less risk of emergency breakdowns.

Get incentives up to 50% with these technologies

LIGHTING

Less waste, less maintenance and lighting that looks better



LEDs

LEDs are virtually maintenance free and use significantly less electricity than standard lighting. From classrooms to operating rooms, this versatile lighting suits almost every application. Don't overlook EXIT signs for a quick win.



Controls

Many buildings have rooms that go largely unoccupied throughout the day. Reduce lighting costs up to 25% with sensors that shut lights off automatically when not in use.



Exterior

With 24/7 facilities, outdoor lighting is crucial for security. LEDs last up to 50,000 hours, which can also reduce maintenance costs in lots, garages, outdoor signs and pathways.

VENTILATION

Dial down waste, dial up comfort



Adjust fresh air to room occupancy

With Demand Control Ventilation, sensors adjust fresh air intake based on occupancy. For auditoriums, operating rooms and other large areas, these savings add up.



Keep people comfortable

In hospitals, fresh air circulation is critically important to patient health and comfort. In schools, optimized ventilation has even led to reduced student absences.

OPTIMIZE OTHER SYSTEMS TO SAVE

Pumps and Fans

Add Variable Frequency Drives (VFDs) to pumps and fans with rebates up to \$4,835 per VFD. You'll speed up payback, reduce energy waste and save up to 55% on energy costs.

Chillers

Chillers are among the largest energy users, making them prime targets for upgrades. Optimize systems for savings up to 15% and improved comfort for patients, staff or students.

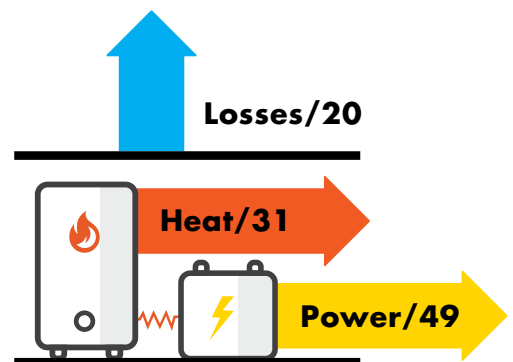
COMBINED HEAT AND POWER SYSTEMS (CHP)

Consider CHP to save on heat and power

A Combined Heat and Power (CHP) system generates heat and electricity with one system, which reduces energy waste and costs.

It may be a good choice if you're about to replace boilers and you require an emergency backup power supply.

Incentives pay up to 100% of a detailed engineering study and up to 40% of capital costs.



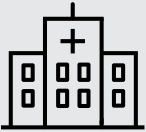
CHP is 80% efficient, which is about 47% more efficient than power and heat from separate sources.



SPOTLIGHT ON SAVINGS

Did you know?

Public buildings are often older with inefficient systems. Many have varying occupancy levels during the day and week which presents opportunities for energy savings.



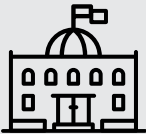
200%

Hospitals consume twice the energy per square metre of a commercial office building.*



15-20%

Schools stand to reduce energy costs by 15–20% through energy efficiency.**



33%

Government buildings can reduce nearly 1/3 of the energy typically used.†

Sources:

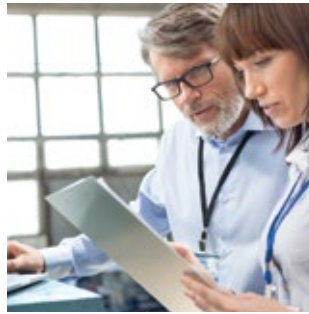
*Healthcare Application Guide, www.lighting.philips.ca/b-dam/b2b-li/en_AA/Applications/masthead-pdfs/Healthcare-Application-Guide.pdf

**Best Practices Guide for School Facility Managers, www.nrcc.gc.ca/energy/publications/efficiency/buildings/5945

†Energy Efficiency in Government Operations and Facilities, www3.epa.gov/statelocalclimate/local/topics/government.html

Funding to make your facility energy efficient

Incentives for most upgrades are available through the **Retrofit Program** or the **High Performance New Construction** program. We'll help you with the applications.



AUDIT FUNDING

A blueprint for your energy action plan

- Use an energy audit to develop a prioritized list of savings
- Get incentives up to 50% of the audit cost



RETROFIT PROGRAM

Get up to 50% for equipment upgrades

- Increase your ROI with financial incentives
- Upgrade lighting, pumps, fans and other equipment
- Funding based on before-and-after energy savings



HIGH PERFORMANCE NEW CONSTRUCTION

Take advantage of performance-based incentives

- Get funding for high-efficiency new construction and renovations
- Earn payments for every kilowatt saved

Start your savings today

- ☐ HydroOne.com/MUSH
- ✉ SaveOnEnergy@HydroOne.com

