



**HYDRO ONE / ENERGY INNOVATORS**

## Conservation in Schools & Universities



# THE BEST IN ITS CLASS

### **Smart savings start with energy efficiency**

Whether you run a large multi-building campus or a small school, energy-efficient upgrades can lead to many proven benefits, including a reduced environmental footprint, enhanced learning environments and operational savings.

#### **TAKE NOTE**

Five reasons to invest in efficiency

- 1** Create a more comfortable learning environment
- 2** Be seen as a leader in sustainability
- 3** Incentives help secure capital approval
- 4** Increase equipment lifespan
- 5** Reduce energy and maintenance costs



Partners in Powerful Communities



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## Look to these technologies first | Get incentives up to 50%

### LESSON ONE

Upgrading lighting is a quick win



#### LED Lighting

Upgrade to LED lighting for immediate savings up to 75%. LEDs also stay cool to the touch, which can reduce cooling costs in your buildings.



#### Exterior

LEDs are ideal for outdoor lots and public garages. They're durable and last up to 50,000 hours, which means less spent on maintenance costs too.



#### Exit Signs

Get incentives up to \$15 per sign to upgrade throughout your facilities. LED exit signs last over 10 years, so they almost never need replacing.

### EXTRA CREDIT

Upgrade other systems to save more



#### Chillers

Get incentives up to \$30,000 to analyze and optimize chillers. High-efficiency chillers are more reliable and offer longer equipment life.



#### Demand Control Ventilation (DCV)

DCV adjusts fresh air intake based on room occupancy, which keeps air fresh, and energy costs down, in auditoriums, arenas and libraries.



#### Occupancy Controls

Add sensors or controls to automatically dim or shut off lights when rooms are unoccupied. Combine with a lighting upgrade to maximize your incentives – and your savings.

### REPLACING BOILERS?

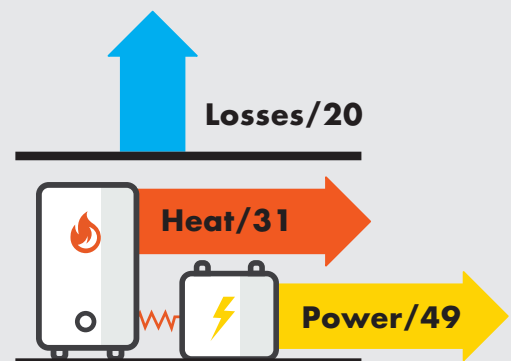
Consider Combined Heat & Power (CHP) instead

By transforming wasted heat into useful energy, a CHP system is up to 80% more efficient than traditional power generation.

It's also a reliable source of backup power, which means schools can be fully operational during an outage.

#### Find out if CHP is right for you

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.

## Start your savings today

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