



955

street lights upgraded

695,627

kWh energy savings

City of
Temiskaming
Shores

THE CITY OF TEMISKAMING SHORES GETS ILLUMINATED AND SAVES

The City of
Temiskaming Shores

Temiskaming Shores, Ontario

Municipal Retrofit Upgrade

Upgraded street lights from a combination of 955 high-pressure sodium and mercury vapour lamps with LED fixtures, reducing wattage from 70-400 W to 27-133 W per lamp.

- Incentives: **\$104,534** under the Retrofit Program
- Project cost: **\$388,886**
- Payback period: **2.7 years**





Mitch Lafreniere, Manager, Physical Assets for the City of Temiskaming



As Manager of Physical Assets for the City of Temiskaming Shores, Mitch Lafreniere is responsible for numerous tasks – among them, developing the municipality’s strategic energy management plan. Council typically approves one major project a year.

As lighting accounted for a significant part of the City’s electricity costs, Lafreniere pushed for a complete street lighting upgrade before anything else. This would also improve pedestrian safety, especially in areas where kids play in the evening.

City Council put the bid out to vendors

The procurement process was helpful to adequately compare project cost estimates, but also to get a better understanding of lighting level requirements in residential and commercial areas. After amalgamation of three separate communities, the City of Temiskaming Shores no longer had an accurate count of its total lamps. “Lighting is a competitive market, so all vendor bids included a full lighting analysis, a demonstration of their lighting and a detailed inventory count, free of charge,” said Lafreniere. “We uncovered that we only have 955 lamps, and not 2,900 as we thought.”


Warranty and incentives were key decision factors

The strongest vendor selling point was a 20-year warranty on the LEDs – they also last longer and are more reliable, which would lead to a dramatic reduction in maintenance costs over 20 years. “The fact that Hydro One offers incentives is huge,” says Lafreniere. “Plus, what we save on energy we can allocate towards something else.” With one project successfully completed and ongoing energy savings, the City is now considering upgrading both the municipality’s decorative lighting and the wastewater building’s furnace.

THE SOONER YOU SIGN UP, THE SOONER YOU SAVE

Hydro One offers significant financial incentives to encourage businesses and industries of all types to better manage their electricity use. Funding is available for energy audits, equipment retrofits, process and systems upgrades, and high performance new construction.

Contact our energy experts today:

-  HydroOne.com/Retrofit
-  1-866-650-4709
-  SaveOnEnergy@HydroOne.com

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