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LED Streetlight Upgrade Meets Espanola’s Five-year Energy Plan Goals

Streetlight Energy Consumption To Drop 61%

ESPANOLA, ON – Reducing annual town expenses and conserving energy are high priorities for the Town of Espanola in Ontario. The town’s upgrade to light-emitting diode (LED) streetlights addresses both priorities by cutting energy costs by up to 45% in the first year and reducing electrical consumption by 61% per year. Installation of Espanola’s new LED streetlights will be done during late August and early September.

In addition to using far less energy than the town’s existing streetlights, LEDs last three to five times longer, up to 20 years, and they fade as they reach the end of that long life rather than simply burning out like traditional fixtures. These characteristics will help reduce Espanola’s streetlight maintenance costs by up to 80%. Local Authority Services (LAS) and RealTerm Energy partnered to tailor a street lighting design to Espanola’s community needs, energy efficiency needs and budgetary goals.

“As Espanola prepared to write it’s five-year energy management plan, RealTerm Energy was happy to be a part of the town’s long term planning”, said RealTerm Energy President Sean Neely. “We understood that a large percentage of Espanola’s hydro bill was coming from streetlights and knew this LED upgrade could help them save money.”

More than 60 other Ontario municipalities are upgrading to LED streetlights with LAS and RealTerm Energy in the past 12 months including Blind River and Elliot Lake.

Project at a Glance

Total number of streetlights	711
Estimated municipal energy cost savings per year	45%
Electrical consumption savings	61%
Total greenhouse gas reduction (over LEDs life)	Total greenhouse gas reduction in the life of the LED streetlights = 28.5 metric tonnes of Carbon Dioxide. That’s the equivalent of reducing by 30,600 pounds the amount of coal burned during the life of the LED streetlights.

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[RealTerm Energy Corp.](#), a Realterm Global company, is redefining the municipal street lighting market with intelligent LED lighting systems and services that deliver unmatched energy and maintenance savings. We create and foster long-term partnerships with forward-thinking private, public and government market leaders to deliver innovative and cost-effective lighting solutions.

[Local Authority Services \(LAS\)](#) is a preferred provider of competitively priced and sustainable co-operative business services for Ontario municipalities and the broader public sector. As a subsidiary of the Association of Municipalities of Ontario, LAS helps its customers “save money, make money, and build capacity.”