



HYDRO ONE / ENERGY INNOVATORS

Agribusiness



400_w → 155_w

replaced metal halides with LEDs

286,740 kWh

energy savings

IN THE PACK HOUSE, LED LIGHTING IS THE PICK OF THE CROP

Westmoreland
Sales

Leamington, Ontario

- Upgraded to LEDs for energy savings, true colour rendition and reduced summer cooling load

Led Lighting

Installed 168 155W LED fixtures

Verified Savings

Demand savings:
40.5 kW

Energy savings:
286,740 kWh

Incentives

\$16,200 under the
Retrofit Program



hydro
one

Partners in Powerful Communities



Dave DiMenna manages Westmoreland Sales, which means keeping retail customers supplied with premium produce, and watching the bottom line at the greenhouses and pack house.

Westmoreland Sales is known for their TopLine brand of premium tomatoes, cucumbers, peppers and eggplants. In the pack house, it's important that the staff sees the produce in natural-coloured light so that only the best gets shipped to their customers.

LED Lighting Solves Three Key Problems

Until recently, the 300,000 square foot pack house was lit with 168 400W metal halide fixtures. There were three challenges with this lighting: it wasn't energy efficient, the lighting levels would start to diminish as the lamps aged and the lamps gave off significant heat which added to the summer air conditioning load.

The Benefits of LED Lighting

"We were looking at LEDs for quite a while. It was important that we found fixtures that gave us a warm colour temperature. In our business, the right colour is important in packing our products," said DiMenna. "We found a local supplier with cost-effective lighting and the right colour temperatures for us."

LED Lighting Offers:

- Much lower energy consumption – in this case each 400W metal halide was replaced with a 155W LED fixture
- A range of colour temperatures from warm to cool
- Constant light levels over a much longer bulb lifetime
- Reduction in wattage means less heat generated, lower air conditioning requirements
- A variety of light spreads from spot to flood

SOLUTIONS TO HELP YOU BECOME MORE ENERGY EFFICIENT

Hydro One offers significant financial incentives to encourage businesses and industries of all types to better manage their electricity use:

- energy audits
- lighting upgrades
- equipment retrofits
- chilled water system upgrades
- process and systems upgrades
- energy managers
- major renovations and new construction
- and more

Get on the fast track to energy efficiency. Contact us to get started.

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- 1-866-650-4709
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