



HYDRO ONE / ENERGY INNOVATORS

Greenhouse Operations

LED grow lights yield big savings – and fresh winter tomatoes!

SPOTLIGHT ON SAVINGS

SunTech Greenhouses

SunTech qualified for a **Retrofit Program** incentive based on an avoided consumption model. LED grow lights use approximately one third of the energy compared to more traditional high-pressure sodium (HPS) lighting.

3,160 129W LEDs
PROJECT DETAILS

\$436,224
INCENTIVE

1,090 kW
DEMAND SAVINGS

3,271,680 kWh
ANNUAL ENERGY
SAVINGS (ASSUMED)



“We produce through the winter months. These will probably be the only local tomatoes in Ottawa all winter.”

SunTech Greenhouses

Bob Mitchell, Owner
Manotick, ON

Optimize your greenhouse | Look to these technologies first

LIGHTING



LEDs save up to 75% and last up to 25 times longer

GROW LIGHTS

Many sizes and configurations for all types of crops

GENERAL LIGHTING

Savings in your pack house and all general lighting areas

VARIABLE FREQUENCY DRIVES (VFDs)



Upgrade with rebates and receive up to \$4,835/VFD

FOR FANS

VFDs reduce energy costs and provide precise airflow levels

IRRIGATION SYSTEMS

Program the VFD for optimum water line pressure and savings



Partners in Powerful Communities



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Greenhouse Operations

SAVE ON ENERGY
POWER WHAT'S NEXT



"We were looking at LEDs for quite a while. It was important to find fixtures that gave us the right lighting colour for packing."

Westmoreland Sales

Dave DiMenna, Manager
Leamington, ON

SPOTLIGHT ON SAVINGS

Westmoreland Sales

In their 300,000 square foot pack house, Westmoreland Sales replaced 168 400W metal halide fixtures with 155W LEDs. They now benefit from true lighting colour, a reduced air conditioning load and on-going energy savings.

168 155W LEDs
PROJECT DETAILS

\$16,200
INCENTIVE

40.5 kW
DEMAND SAVINGS

286,740 kWh
ANNUAL ENERGY SAVINGS (ASSUMED)



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Upgrade now for long-term savings

For most greenhouses, energy costs come right after labour costs. Saving energy is an opportunity to reduce operating costs and become more competitive. We can help fund energy-efficient upgrades, so you can start saving sooner.

RETROFIT PROGRAM

Get up to 50% for energy-efficient upgrades



- Speed up your ROI with financial incentives
- Upgrade lighting, pumps, fans and other equipment
- Funding based on before-and-after energy savings
- Funding is also available based on an avoided consumption model – ask us for details

HIGH PERFORMANCE NEW CONSTRUCTION

Get more than \$9,000* in incentives



- Get funding for high-efficiency new construction and renovations
- Earn payments for every kilowatt saved
- Includes adding re-circulation and exhaust fans
- Email RNC.Support@HydroOne.com for details

*On average, HPNC farm projects deliver rebates over \$9,000.

Start your savings today

 HydroOne.com/Greenhouses

 SaveOnEnergy@HydroOne.com

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