



📞 1 (855) 753-2525

✉️ LEDsales@onenergyinc.com

Paroisse Assomption de Notre-Dame

Main Church, Banquet Hall & Ancillary Areas



GOALS: Reduced energy costs and improved illumination
SAVINGS: \$8,500 per year in energy and maintenance savings
RESULTS: Saved 79% in lighting energy consumption; 37.2 tons in CO2

Site description

The Assomption de Notre-Dame is a well-known and popular parish church in Oshawa, Ontario. In addition to serving as a place of worship, the Church contributes a great deal to the community by providing a venue for local events and activities, running a library, offering establishment services for new immigrants, and more.

Primary challenge

It was the pastor's personal mandate to update the Church with energy-efficient technology. Amidst rising power costs, he was interested in reducing energy consumption in the Church, adjoining banquet hall, and a number of ancillary areas, while gaining the environmental benefits that come from more efficient lighting technology.

Process

The Church turned to LED lighting as they were also interested in increasing the quality and levels of light within the parish buildings. ONEnergy did a comprehensive walkthrough of the interior and exterior and made recommendations on appropriate high-efficiency LED lighting products that took advantage of the various existing fixtures.

ONEnergy completed the installation in three days with a team of four certified electricians. All of the old, inefficient 8-foot fluorescent tubes were replaced with 4-foot LED tubes. CFL and high-intensity discharge lamps were also switched to new, brighter and more attractive LED alternatives.

As part of its full turnkey approach, ONEnergy prepared and submitted all paperwork required to secure the Church the maximum financial incentive through the saveONEnergy RETROFIT program.

Outcomes

Lighting

The new lighting provided Assomption de Notre-Dame with brighter light levels in all areas. With ONEnergy's five-year hassle-free warranty, the Church will have absolutely no maintenance costs during that time.

Energy

The new ONEnergy LED lighting is saving Assomption de Notre-Dame nearly 54,000 kWh of energy annually, equivalent to 79% of the church's original lighting energy consumption and with an attractive payback of only 16 months. This translates into annual savings of \$8,500 per year, including maintenance cost savings. The upgrade also reduced annual CO2 emissions by 37.2 metric tonnes; the equivalent of the CO2 emitted by 3.4 homes or the annual greenhouse gas of 7.8 passenger vehicles.

Contact

For Energy Products - LED Lighting, High-Efficiency Commercial HVAC Systems, Electricity, Natural Gas, Commercial Solar PV and more, call 1 (855) 753-2525 or email LEDsales@onenergyinc.com

After



LED lighting was installed in alcoves, pendant fixtures, and track lighting.



Fluorescent tubes replaced with LED in the banquet hall/gymnasium and the main entrance.