



ENERGY SERVICES  
ASSOCIATION  
OF CANADA

PROMOTING  
PERFORMANCE  
BASED SOLUTIONS

# case study

## City of Thorold

The City of Thorold finds simple solutions with Direct Energy to meet its complex energy challenges.

*Performance-based solutions become the **premier choice** for energy and infrastructure renewal initiatives, resulting in fiscally and environmentally responsible outcomes.*



### Project Description

The **City of Thorold**, like many municipalities, is facing a number of energy challenges: considerable utility costs, aging equipment and infrastructure, increasing operating and maintenance costs, varying building systems and practices, and a lack of human, capital and technical resources. To address these challenges, the City of Thorold selected Direct Energy as its Energy Solutions Provider for identifying and implementing energy saving opportunities.

### Opportunity

Direct Energy began with a detailed Feasibility Study of the City's facilities. Resulting recommendations included lighting upgrades, high efficiency boilers, HVAC controls and building automation systems, destratification fans, building envelope improvements, and solar photovoltaic systems.

### Results

In upgrading these facilities with the recommended measures, Direct Energy has reduced energy use, while maintaining or improving comfort for the City of Thorold.

Once complete, the multi-million dollar Energy Performance Contract will not only meet the City's savings criteria, but will also provide solutions for the many other energy challenges the City of Thorold faces.

*A more detailed analysis of this project is available at:*

<http://debusiness.directenergy.com/EN/Business-Services/Pages/Case-Studies.aspx>

