



ENERGY SERVICES  
ASSOCIATION  
OF CANADA

PROMOTING  
PERFORMANCE  
BASED SOLUTIONS

# case study

## Timmins and District Hospital

Timmins and District Hospital improves patient comfort through energy retrofit with Johnson Controls.

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



### Project Description

The vision of Timmins and District Hospital (T&DH) is to be a leader in patient care delivery, health services enhancement and health system integration in Northeastern Ontario. When faced with increasing utility costs, the hospital proactively looked for ways to improve its infrastructure while reducing energy use. Johnson Controls was engaged to implement a comprehensive energy retrofit program.

### Opportunity

Following a detailed assessment, Johnson Controls replaced and enhanced existing electrical, mechanical, building control, water and air handling systems under an energy performance contract, greatly improving facility performance and reducing energy and water use.

### Results

The program is expected to result in utility savings of more than \$4.2 million over the next eight years and reduced emissions by 16,000 tons. In total, the energy efficiency project will reduce the hospital's natural gas consumption by almost 750,000 cubic meters a year. The project also brought T&DH recognized success in 2009 as the recipient of the Annual Energy Efficiency Award from the Ontario Hospital Association.

