



ENERGY SERVICES
ASSOCIATION
OF CANADA

PROMOTING
PERFORMANCE
BASED SOLUTIONS

case study

Memorial University of Newfoundland

Memorial University of Newfoundland partners with Honeywell for increased energy efficiency.

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



Opportunity

The 14-year performance contract involved infrastructure improvements such as lighting retrofits, boiler plant control and combustion upgrades, HVAC system upgrades, and installation and optimization of building automation systems.

Project Description

Memorial University of Newfoundland is Atlantic Canada's largest university, with more than 20,000 students, faculty and staff in four campuses spanning 250 acres. Memorial is committed to sustainability and ambitious energy conservation targets. To meet these targets, Memorial partnered with Honeywell in 2007 to implement a \$13.2 million Energy and Facility Renewal program, paid for by the energy savings generated by the upgrades.

Results

The university was able to pay for the entire program from more than \$1.5 million in annual energy savings generated by the upgrades. The program also saved the University 8.4 million kWh of electricity and 1.3 million litres of fuel oil, reducing carbon dioxide emissions by an estimated 15 percent or 7,300 tons per year.

Honeywell