



ENERGY SERVICES
ASSOCIATION
OF CANADA

PROMOTING
PERFORMANCE
BASED SOLUTIONS

case study

Hamilton Health Sciences

Hamilton Health Sciences and Johnson Controls save millions in energy costs.

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



Project Description

Hamilton Health Sciences (HHS) is a family of five unique hospitals and a cancer center, serving more than 2.3 million residents of Hamilton and central west Ontario. Facing outdated infrastructure across multiple facilities on several campuses, increased demand to be more sustainable, and the need to continue to provide the best patient care, HHS set out to find a comprehensive solution to its business, energy and financial challenges.

Opportunity

Johnson Controls and HHS entered into an aggressive energy retrofit. Facilities received improvements such as lighting upgrades, air handling unit upgrades, installation of an advanced building automation system along with Central Plant Heating, Cooling and Co-Gen System upgrades. Throughout the project, HHS and Johnson Controls were diligent about communicating the benefits of the upgrades to employees through regular open forums and meetings.

Results

HHS was able to create a greener environment for patients, visitors and staff, while cashing in on energy rebates. The project is projected to save HHS \$55 million over 10 years. HHS exceeds legislative energy requirements and is on track to become the best practices benchmark in Ontario, all without requiring any additional funding from the Ontario Ministry of Health and Long-Term Care.