



ENERGY SERVICES  
ASSOCIATION  
OF CANADA

PROMOTING  
PERFORMANCE  
BASED SOLUTIONS

# case study

## The Institut Philippe-Pinel de Montreal, Quebec

The Institut Philippe-Pinel de Montreal and Trane renew hospital's aging infrastructure.

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



### Opportunity

Upon conducting a detailed energy assessment, Trane implemented many energy conservation measures including improved lighting and pumping systems, an upgraded cooling tower, reduction of steam production in the summer, and controls optimization.

### Project Description

The Institut Philippe-Pinel de Montreal has become a reference in mental health and forensic psychiatry since its foundation in 1970. The Quebec Ministry of Health was offering special funding for sustainability projects with a payback period of seven years or less. Trane and the Institut were challenged to design energy efficiency measures within this period in order to take advantage of the government programs.

### Results

The \$2.2 million energy performance contract resulted in more than \$329,670 in first-year energy savings and a reduction in equipment maintenance costs of more than \$8,800. The energy conservation measures also increased the comfort of staff and patients while allowing the Institut to invest more funding into patient care and research.

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

<http://www.trane.com/Commercial/CaseStudies/CaseStudyDetails.aspx?studyId=113>

