

The City of Kingston City-Wide EPC

Address ([Map](#)): 216 Ontario St., Kingston, Ontario K7L 2Z3 Canada
 Sector: Municipal Delivery Type: Energy Performance Contract
 MCW Office: Toronto Status: Complete
 Sub Categories: Government



Project Initiated In:
2008

Project Cost:
\$2,900,000

Scope of Project:
37 Buildings - 1.1 Million Square Feet

Annual Energy Savings:
\$447,000

Project Description

The City of Kingston contracted MCW in 2008 to develop an Investment-Grade Feasibility Study that outlined the energy conservation measures, capital improvements, and overall efficiencies available to the City across 37 City facilities including offices, arenas, and other special-purposes buildings. Once completed, the Study was a roadmap for implementing the recommended program through an Energy Performance Contract. MCW led the three-year retrofit implementation process and provided energy savings reporting to verify that savings were on track and exceeding MCW's guaranteed savings target.

Project Highlights:

- Virtually every municipal government facility type included in scope, including the historic City Hall and Kingston's K-Rock Arena
- Major Lighting retrofits and redesigns that reduce electricity demand and consumption, and improve lighting levels through extensive use of LEDs, occupancy sensors, and improved controls systems
- Over 11,000 m³ of annual water savings driven by ice plant controls upgrades, appliance replacements, low-flow water fixtures, and more