

The Government of Nunavut Iqaluit Pilot Project EPC

Address ([Map](#)): 5100 Kangiq & Iniq, Iqaluit, Nunavut X0A 0H0 Canada
 Sector: Institutional Delivery Type: Energy Performance Contract
 MCW Office: Toronto Status: Complete
 Sub Categories: Government



Project Initiated In:
2006

Project Cost:
\$13,300,000



Scope of Project:
39 Buildings - 681,000 Square Feet

Annual Energy Savings:
\$1,700,000



Project Description

MCW was contracted to provide energy management services for 39 Government of Nunavut facilities, representing over 780,000 sq. ft., through a third party-financed, guaranteed Energy Performance Contract. The project - dubbed the Iqaluit Pilot Project - was the first EPC implemented as part of the Nunavut Energy Management Plan (NEMP) - the Territory's energy conservation master plan. Facilities included a hospital, health centres, legislature, community college, justice facilities, schools, residences, offices, and maintenance & storage facilities.

Nunavut represented a particular challenge due to the remoteness of the location, the requirement for all supplies to be flown in, and the small pool of local contractors to draw upon. However, overcoming these project challenges places MCW in the unique position of having Energy Performance Contracting experience in Canada's remote northern communities - a part of the world where energy is scarce, expensive, and can have logistical challenges. Therefore, effectively implementing energy conservation measures in these communities is essential.

Project Highlights:

- Various facility types including public schools, government offices, community centres, Arctic College, courts, and more
- Reduction in facility energy utilization reduces the amount of expensive imported fuel oil to be used in Iqaluit
- Implementation of renewable and green energy technologies such as wind energy generation and SolarWall air heating
- Two years of successful over-performance on guaranteed energy savings quantified by annual reporting