

Belleville, ON

The McLeod Dam is one of six dams on the Moira River in Belleville, Ontario, Canada, owned and operated by the Quinte Conservation Association.

This dam was constructed in the late 1970's for the primary purpose of ice and flood control. In 2008, the dam was retrofitted for the secondary purpose of power generation.

CHC supplied a water-to-wire equipment package consisting of two (2) 1250 mm axial flow pit turbines, along with two 1215 RPM induction generators, gearboxes, hydraulic power units, switchgear and controls package.



PROJECT FACTS

- 950 kW Generating Capacity
- Two (2) 1250 mm Axial Flow Pit Units
- Net Head 5.23 m (17 ft)
- 475 kW per Unit
- Commissioned 2008

