Nalcor Energy Additional Accommodations at Muskrat Falls Plant

CLIENT

Nalcor Energy

LOCATION

Happy Valley-Goose Bay, Newfoundland and Labrador

PROJECT DESCRIPTION

The lower Churchill River is one of the most attractive hydroelectric resources in North America and is a key component of Newfoundland and Labrador's energy resource portfolio. Nalcor Energy's (Nalcor) two sites at Muskrat Falls and Gull Island have a combined capacity of over 3,000 MW.

Phase 1 of the Muskrat Falls project included construction of an 824 MW hydroelectric generating facility, over 1,600 km of transmission lines across the province, and the Maritime Link between Newfoundland and Nova Scotia. The project was an essential component of Nalcor's commitment to sustainability and climate-change management. Once in service, power from Muskrat Falls was projected to help meet the province's long- term energy needs by providing clean, renewable energy for future generations.

B&M SCOPE OF WORK

- Civil and architectural works including foundations, module setting, interior and exterior fit up
- Installation of new water and sewer services for the dorms and connection to the existing site
- Electrical connections to site power and all interior electrical and communication connections
- Design, provision and installation of all heat trace for plumbing services

BENEFITS TO CLIENT AND PROBLEMS SOLVED

When Nalcor needed construction support, it called on Black & McDonald to install eight additional accommodation dorms at the Muskrat Falls Generating Station construction site. The project resulted in an additional 480 rooms to house workers on the site. We worked in excess of 60,000 person hours during the winter months in Labrador. Even with this challenge, we were able to complete the project on time for spring 2017.

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