



Historic Flow of Power from Churchill Falls to the Island

June 27, 2018, St. John's, NL – Today, at the Soldiers Pond Converter and Terminal Station, outside of St. John's, Nalcor Energy recognized the first flow of electricity from the existing Churchill Falls Generating Plant in Labrador to the island. The first flow is part of the ongoing commissioning efforts for the Lower Churchill transmission project.

"Today marks a significant milestone – our transmission line from Labrador has been brought to life bringing electricity from the Churchill Falls Generating Plant to the island," said Stan Marshall, President and CEO. "Together with our partners, contractors, workers and communities, we've reached an important step to enhance reliability, and create new opportunities for the people of Newfoundland and Labrador."

Stretching almost 1,500 kilometres across rugged terrain and along the sea floor this is the most complex and robust transmission project in Newfoundland and Labrador's history.

The energization phase of the province's new transmission assets began in early June. Testing will continue over the coming months, with power expected to be delivered to homes and business from Labrador to the island this winter, displacing oil fired generation at Holyrood.

"When we consider the work of the thousands of people who came together to build our new transmission assets, we can see just how much people power is on our teams," said John MacIsaac, Executive Vice President, Power Supply, Nalcor Energy. "Through outstanding leadership and commitment to teamwork we have made excellent progress. A tremendous amount of work has been completed to date, and we are well positioned to deliver power from Churchill Falls to the island this winter."

The Lower Churchill transmission project consists of three main parts, an alternating current transmission line and infrastructure between Churchill Falls and Muskrat Falls; the Labrador-Island Transmission Link that spans over 1,100 kilometres from Muskrat Falls to Soldiers Pond; and high voltage direct current sites and electrical assets at Muskrat Falls and Soldiers Pond.



Transmission Facts:

- **Alternating Current (AC) Transmission Line:** Consists of over 1,200 towers and close to 1,500 kilometres of transmission wire. Construction was completed in 2017 and the line was energized in April 2018.
- **Labrador-Island Transmission Link (LIL):** Spans over 1,110 kilometres from Muskrat Falls to Soldiers Pond. It is a high voltage direct current line (HVdc), which is a type of technology that is more effective for carrying large amounts of power over large distances and underwater. Construction of the LIL was completed in late 2017 and it is the first ever HVdc line built in Newfoundland and Labrador.
- **Strait of Belle Isle Marine Cable Crossing:** As part of LIL, this is a 30 kilometre underwater cable crossing from Forteau Point, Labrador to Shoal Cover on the island of Newfoundland. The Strait of Belle Isle Marine Cable Crossing broke several world records and it also marked a significant moment in the province's history. It is the first ever connection between Labrador and the island.
- **HVdc Sites and Electrical Assets:** At Muskrat Falls and Soldiers Pond HVdc electrical assets provide for the successful transmission of electricity from Muskrat Falls across the Labrador-Island Transmission Link to Soldiers Pond where it is delivered to homes and businesses.

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