

Muskrat Falls Project: Soldiers Pond Site

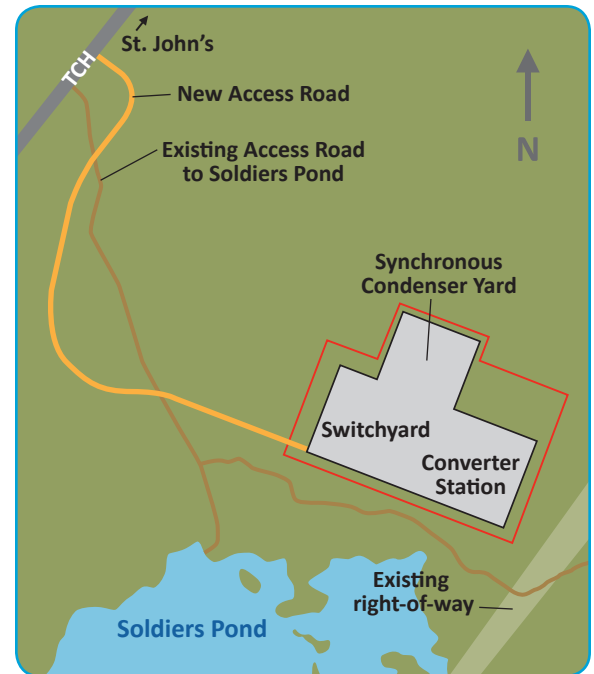
Power generated at the Muskrat Falls hydroelectric generating facility will be delivered to homes and businesses by the 1,100 km High Voltage direct current (HVdc) transmission line from Muskrat Falls to Soldiers Pond. As part of the project, new infrastructure is being constructed and installed at Soldiers Pond, approximately 35 km west of St. John's.

The Soldiers Pond site will include:

- A converter station that will convert direct current (dc) power from the transmission line into alternating current (ac) power, suitable for use by homes and businesses
- A switchyard that will connect the system with the existing electricity grid
- A synchronous condenser facility that will maintain stability of the power system

Construction Activities

A new, one-kilometre (km) access road will be built from the Trans-Canada Highway (TCH) to the construction site. The Soldiers Pond converter station, switchyard and synchronous condenser facility will have a gravel surface, with a series of concrete foundations, steel structures and buildings to support the electrical/mechanical equipment.



Year	2014				2015				2016				2017			
Quarter	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Site preparation, development, access road upgrades		■	■	■												
Construct buildings and structures					■	■	■	■								
Install electrical/mechanical equipment									■	■	■	■	■			
Commissioning													■	■	■	■

Chart indicates approximate timing of construction activities. Subject to change without notice according to project requirements. Effective April 2014.

At Nalcor Energy, the safety of our workers, contractors and the public is our number one priority:

- Motorists are advised to use caution when travelling in the area, and be aware of heavy equipment turning on and off of the highway.
- During construction, site access will be restricted to ensure the safety of workers and the public.
- Safety signage will be clearly posted throughout construction and during operations.
- As with all electrical equipment operated by Nalcor Energy, the Soldiers Pond site will be fenced and accessible only by authorized personnel when construction is complete.

QUICK FACTS

- Construction Start: April 2014
- Estimated Completion: 2017
- Contractor: HJ O'Connell (site preparation and development phase)
- Employment: Approx. 80 jobs in first year of construction, increasing to 200 per year beginning 2015