

BC Hydro Nakusp Transmission Line Project April 2018

Since spring of 2017, we have been working to complete restoration and repair work on the 100 kilometre long transmission line that serves over 3,000 customers in the Nakusp area. The project is a significant investment that will improve safety and ensure continued reliability for our customers in Nakusp, New Denver, Brouse, Burton, East Arrow Park, Glenbank, Hills, Makinson, Rosebery, Silverton and Summit Lake.

Crews completed a significant amount of work since the project began. On-site work will ramp up again this spring once ground conditions are suitable.

Work completed so far

- All of the 288 auto sleeves on the transmission power line wire and 93 of the 196 automatic sleeves on the distribution line wires between the Monashee and New Denver substations were replaced. This work was completed by more than 20 individual line crews during an eight hour planned outage in June 2017.
- Crews replaced poles or cross arms on about 105 transmission line structures. This is just over one third of the structures that require work.
- On-site work has created roughly 10,000 person hours of work.
- Existing access roads have been restored and upgraded between New Denver and Nakusp and between Burton and Nakusp.
- A lightning study was completed. This study determined that surge protection would not substantially improve reliability.

Remaining work

- Crews will continue to replace poles and cross arms once the weather is suitable this spring. Most of the remaining work will take place between New Denver and Summit Lake and between Nakusp and Fauquier.

Future planned outages

- The majority of the work to replace poles and cross arms in 2017 was done without cutting power. In 2018, we expect planned outages only when live line methods cannot safely be used.
- We will continue to maximize the amount of work completed during a planned outage.
- To minimize impacts, we will work with local government and notify our customers in advance of an outage. To make sure you are notified, sign up for a MyHydro online account at bchydro.com and give us your contact information.



- Crews have replaced poles or cross arms on about 105 individual transmission line structures
- On-site work has involved roughly 10,000 person hours of work
- The new poles are 10 feet higher than the original poles to help keep lines away from trees and vehicles.



Crews use a special boom to safely lift the energized line and allow a new pole to be installed without turning off the power.

6OL210 Rating Restoration and Refurbishment Project



Questions? Please get in touch.

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