



BC Hydro Capacitor Station Proposed for property on Isintok–McNulty Forest Service Road

Fact Sheet—December 2018

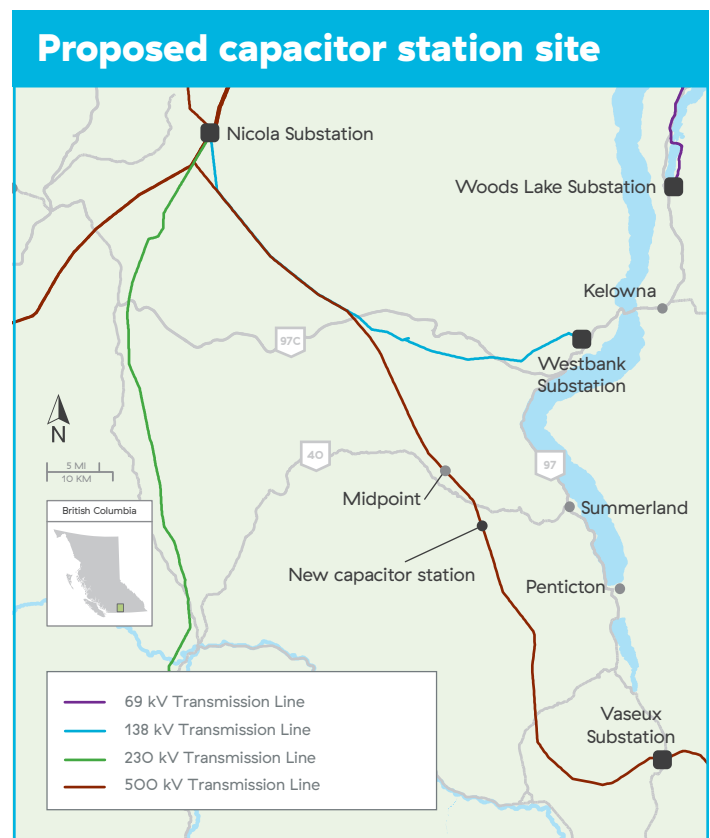
A PROPOSED NEW CAPACITOR STATION IN THE SOUTH OKANAGAN

For our transmission system to accommodate a sixth generating unit at the Revelstoke Dam, the existing transmission system must be reinforced with a capacitor station. This station will maintain voltage levels in the transmission line, achieve greater system stability, and improve electrical system efficiency.

The capacitor station needs to be roughly halfway along the transmission line that runs between Vaseux Lake Terminal Station and Nicola Substation.

The new series capacitor station would be built on BC Hydro–owned property along the Isintok–McNulty Forest Service Road approximately 19 kilometres west of Summerland. The 6.4 hectare property is on the south side of the Isintok–McNulty Forest Service Road adjacent to and on the east side of the existing 500 kilovolt transmission lines. The capacitor station could require approximately 3 to 4 hectares of land for construction and would be located below or beside the existing transmission line.

While the design has not been completed for the capacitor station proposed for the Isintok–McNulty Forest Service Road, the photo above is an example of a capacitor station. This is the Guichon Capacitor Station near Kamloops, B.C.



WHAT'S HAPPENING NOW?

The Province has granted an Environmental Assessment Certificate for the Revelstoke 6 project that includes the proposed capacitor station. Our application was reviewed by the provincial Environmental Assessment Office (EAO) under the BC Environmental Assessment Act. The decision was made by the Minister of Environment and Climate Change Strategy and the Minister of Forests, Lands, Natural Resource Operations and Rural Development.

PROJECT TIMING

We do not have a timeline for construction. Revelstoke 6 is an important contingency project in case demand grows faster than we expect. Having an Environmental Assessment Certificate reduces our lead time for the project should we need the additional capacity sooner.

KEEPING INFORMED

If you would like to be added to our distribution list for this project and receive, via email, project updates and project related notifications please e-mail dayle.hopp@bchydro.com

Further information about the Revelstoke Unit 6 Project, including the proposed Capacitor Station Project, can be found at www.bchydro.com/energy-in-bc/projects/revelstoke-unit-6.html

To learn about the environmental review, visit projects.eao.gov.bc.ca/p/revelstoke-generating-station-unit-6/detail

