

This fact sheet provides information about the scope, procurement processes and timing for contracts associated with the transmission and substation components of the Site C Clean Energy Project. The transmission and substation components include: a new substation at the Site C dam, two new 75-kilometre, 500kV transmission lines from the Site C substation to the Peace Canyon substation, and the expansion of the Peace Canyon substation to enable connection of the new transmission lines.



TRANSMISSION AND SUBSTATION CONTRACTS – IN PROCUREMENT

Transmission Line: Construction

Two new 500 kV transmission lines will be built from the Site C substation to the Peace Canyon generating station, over a distance of approximately 75 kilometres. The lines will be located along an existing transmission right-of-way.

A single construction contract will be issued that includes the following:

- Preparation of access roads, work areas and tower sites;
- Supply and installation of new 500 kV transmission line foundations;
- Removal of existing 138 kV transmission lines;
- Assembly and erection of lattice towers and hardware; and
- Stringing of conductors.

TRANSMISSION AND SUBSTATION CONTRACTS – SUMMARY

The transmission and substation components of the Site C project will be procured through multiple contracts, including existing BC Hydro blanket contracts and agreements.

| Contract | Procurement start date | Contract award date | Construction timeline (subject to change) |
|---|------------------------|---------------------|---|
| Transmission Line: Construction | Sept. 15, 2017 | Spring 2018 | 2018-2023 |
| Transmission Line: Supply of Lattice Towers | Sept. 16, 2016 | May 2, 2017 | Supplied from 2017-2019 |
| Transmission Line: Supply of Conductors | Sept. 8, 2017 | Feb. 26, 2018 | Supplied from 2018-2019 |
| Transmission Line: Supply of Grillage Foundations | Dec. 5, 2016 | April 12, 2017 | Supplied in 2017-2018 |
| Peace Canyon: 550kV GIS Switchyard Expansion | Oct. 20, 2015 | July 27, 2017 | 2018-2019 |
| Site C Substation: Design and Supply of 500 kV Shunt Reactor | Aug. 15, 2016 | Feb. 22, 2017 | Supplied in 2019 |
| Site C Substation: Construction | June 21, 2017 | Feb. 16, 2018 | 2018-2020 |
| Site C Substation: Supply and Installation of Pre-Fabricated Control Building | Dec. 2016 | March 16, 2017 | Supplied in 2018 |
| Site C Substation: Supply of 550 kV Disconnect Switches | Dec. 6, 2016 | March 10, 2017 | Supplied in 2018 |
| Site C Substation: supply of various high-voltage equipment (blanket contracts) | 2017/2018 | Ongoing | Supplied in 2017-2018 |

The Site C Clean Energy Project is a hydroelectric dam and generating station under construction in northeast B.C. Once built, Site C will provide clean, reliable and affordable electricity for more than 100 years.