This fact sheet provides preliminary information about the anticipated scope, procurement processes and timing for contracts associated with the transmission and substation components of the Site C Clean Energy Project.

TRANSMISSION AND SUBSTATION
The transmission and substation components of the Site C project will be procured through multiple contracts, including existing BC Hydro blanket contracts and agreements. The contract areas are outlined below.

Transmission Line: Construction
Two new 500 kV transmission lines will be built from Site C to the Peace Canyon Dam over a distance of approximately 75 kilometres. The lines will be located along an existing transmission right-of-way between the Site C dam and the Peace Canyon generating station.

It is anticipated that a single construction contract will be issued that could include 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;
- Stringing of conductors; and,
- Ancillary works such as site roads, site drainage and site restoration.

Transmission Line: Supply of Lattice Towers
It is anticipated that the contract could include:
- Detailing of lattice tower structures;
- Test assembly and load testing of newly designed towers as required; and,
- Manufacture and supply of lattice tower structures, including fasteners.

Transmission Line: Supply of Conductors
It is anticipated that the contract could include:
- Manufacture and supply of ACSR conductors.

Transmission Line: Supply and Delivery of Grillage Foundations
- It is anticipated that the transmission line foundation supply contract could include the manufacture, supply and delivery of steel grillage foundations.

Site C Substation: Design and Supply of 500 kV Shunt Reactor
It is anticipated that the contract could include:
- Design, supply and manufacture of one 500 kV, 135 MVAR shunt reactor.

Site C Substation: Construction
It is anticipated that a single construction contract will be issued for both the 500 kV and 138 kV switchyards, which could include the following:
- Civil work including site preparation, fencing, foundations, oil containment and crushed rock surfacing;
- Construction and fit-out of the control building;
- Supply and installation of the storage building;
- Electrical work including steel erection, buswork, power and control cables, grounding, lighting and equipment assembly and installation;
- Installation of protection and control equipment; and,
- Installation of telecommunication equipment and tower.
Site C Substation: Supply of Pre-Fabricated Control Building
It is anticipated that this contract could include the design, supply and fabrication of the control building for the Site C substation.

Site C Substation: Supply of 550 kV Disconnect Switches
It is anticipated that this contract could include the design, supply, testing and delivery of 550 kV disconnect switches for the Site C substation.

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

<table>
<thead>
<tr>
<th>Contract</th>
<th>Procurement start date</th>
<th>Construction timeline (subject to change)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transmission line: construction</td>
<td>Spring 2017</td>
<td>2017-2022</td>
</tr>
<tr>
<td>Transmission line: supply of lattice towers</td>
<td>September 16, 2016</td>
<td>Supplied from 2017-2019</td>
</tr>
<tr>
<td>Transmission line: supply of conductors, insulator, hardware assemblies, spacer dampers, compression dead ends and splices and guy wires, hardwares and assemblies</td>
<td>Spring 2017</td>
<td>Supplied in 2018</td>
</tr>
<tr>
<td>Transmission Line: supply of grillage foundations</td>
<td>December 2016</td>
<td>Supplied in 2017</td>
</tr>
<tr>
<td>Site C substation: design and supply of 500 kV shunt reactor</td>
<td>August 15, 2016</td>
<td>Supplied in 2018</td>
</tr>
<tr>
<td>Site C substation: construction</td>
<td>Spring 2017</td>
<td>2017-2019</td>
</tr>
<tr>
<td>Site C substation: supply of pre-fabricated control building</td>
<td>December 2016</td>
<td>Supplied in 2017</td>
</tr>
<tr>
<td>Site C substation: supply of 550 kV disconnect switches</td>
<td>December 6, 2016</td>
<td>Supplied in 2017</td>
</tr>
<tr>
<td>Site C substation: supply of various high voltage equipment (blanket contracts)</td>
<td>Winter 2017</td>
<td>Supplied from 2017-2018</td>
</tr>
</tbody>
</table>

*The Site C Clean Energy Project is a hydroelectric dam and generating station under construction in northeast B.C. The project is being built to meet long-term electricity needs in B.C. Once complete in 2024, the project will provide clean, renewable and cost-effective electricity for more than 100 years.*