

## FORESTRY

### VOLUME 3, SECTION 21

The Environmental Impact Statement (EIS) details the environmental assessment undertaken for the Site C Clean Energy project. The EIS includes the project rationale, identifies potential effects and proposes measures to avoid or mitigate these effects. The EIS also describes the benefits Site C would provide for customers, Aboriginal groups, northern communities and the province as a whole.

#### ABOUT THE ASSESSMENT

The forestry assessment considers the project's interactions with the forest land base, Crown forest land, and the forest industry. It includes analysis of:

- Timber harvesting land base
- Site productivity
- Annual allowable cut
- Inventory of timber in the project clearing plan
- Harvest trends
- Forest sector employment
- B.C. government stumpage revenue

#### ASSESSMENT AREA

The local assessment area for forestry is the project activity zone, which is the area within which the project components and activities will be located or will occur. The regional assessment area is composed of three forest management units: Dawson Creek TSA, Fort St. John TSA, and the Peace River supply block of Tree Farm Licence (TFL) 48.



## SUMMARY OF POTENTIAL EFFECTS AND MITIGATION MEASURES

POTENTIAL EFFECTS	KEY MITIGATION MEASURES
Change in land use, resource use, access, and activities related to industrial forestry use during construction and operations	<ul style="list-style-type: none"> <li>No change anticipated to industrial forest use.</li> </ul>
Change in land use that affects Crown Forest Management during construction and operations	<ul style="list-style-type: none"> <li>The province of B.C. would use existing policies to manage changes to Old Growth Management Areas and one wood lot license area.</li> </ul>

### KEY FINDINGS

- The project activity zone would overlap less than 0.02% of the total timber harvesting land base on which industrial forestry activities occur. Therefore, no change to the annual allowable cut or to licence quotas to harvest Crown timber is expected.
- The region's established timber mills have the capacity to process the merchantable timber volumes associated with the clearing volumes from the project.



### ABOUT THE SITE C CLEAN ENERGY PROJECT

Site C is a proposed third dam and hydroelectric generating station on the Peace River in northeast B.C. Site C would provide 1,100 megawatts (MW) of capacity, and produce about 5,100 gigawatt hours (GWh) of electricity each year – enough energy to power the equivalent of about 450,000 homes per year in B.C.

Site C is undergoing a cooperative environmental assessment by the Canadian Environmental Assessment Agency (CEA Agency) and the British Columbia Environmental Assessment Office (EAO). The environmental assessment process commenced in August 2011 and is anticipated to take approximately three years to complete.

**FOR MORE INFORMATION** visit [bchydro.com/sitec](http://bchydro.com/sitec)

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