

## FIELD STUDIES INFORMATION SHEET

### Highway 29 Topographical Survey Program: June - October 2011

The Site C Clean Energy Project (Site C) is now in Stage 3, the environmental and regulatory review phase, which will include an independent environmental assessment. Stage 3 work includes conducting environmental and engineering field studies on and around the Peace River between the Williston Reservoir and the Alberta border. BC Hydro formally entered the environmental assessment process in May 2011 with the submission of a Project Description Report to the provincial and federal environmental assessment agencies.

BC Hydro is conducting a Topographical Survey Program this summer and fall along Highway 29 between Hudson's Hope and Fort St. John. Survey teams, typically comprised of two technicians, will be using topographical equipment and GPS to conduct the field work. Survey crews will be conducting surveys where the potential new alignments of Highway 29 will tie into the existing Highway 29 at Lynx Creek, Farrell Creek, Halfway River and Bear Flat sections.

During June and July, the program will establish primary project control for Highway 29 to ensure all work is referenced to a common coordinate system. Primary control will be set at 1km intervals along the existing highway at the Lynx Creek, Farrell Creek, Halfway River and Bear Flat sections, and set at 5km intervals along the section of highway between Farrell Creek and Halfway River. Control points will be brass capped monuments attached to 600mm rebar identified by a unique number.

The overall accuracy of the laser radar data for the Highway 29 area will be assessed this summer through ground truthing surveys. Surveys will be conducted at various locations with the following geographical features: hard surfaces such as the existing highway and roads, forested areas and open grassy areas and fields.

The survey results will determine if the data can be used for design or if traditional topographical field surveys are required. If more accurate data is needed, additional topographical surveys will be completed later this summer and into the fall. BC Hydro will obtain permissions prior to conducting work on private properties.

For further information, please contact:  
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#### TOPOGRAPHICAL SURVEY PROGRAM June – October 2011

- BC Hydro is conducting a Topographical Survey Program this summer and fall along Highway 29 between Hudson's Hope and Fort St. John
- This program includes conducting topographical surveys, setting the project control coordinates and conducting ground truthing surveys
- BC Hydro will obtain permissions before land is accessed
- R.F. Binnie & Associates is leading the work