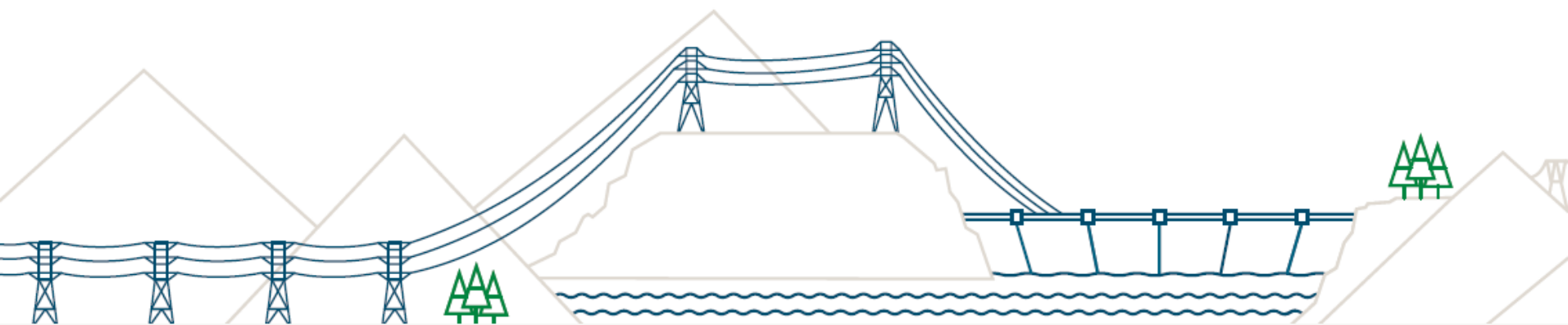


Site C Clean Energy Project

Regional Community Liaison Committee Project Briefing

March 10, 2017



Construction update



Current/upcoming construction activities

Dam site area

- Clearing and debris management may continue in areas with no active bird nests.
- Maintenance of dam site access roads and south bank resource roads.
- Main civil works include:
 - Excavation and material relocation, including for north bank slope stabilization, south bank approach channel, powerhouse buttress and Site C substation.
 - Excavation may begin for the earthfill dam.
 - Construction of south bank drainage tunnel, inlet cofferdam on north bank, north bank cofferdam, RCC buttress.
 - Material crushing for use in production of roller-compacted concrete (RCC) for the south bank buttress. Concrete batching will occur at on-site batching facilities.

Current/upcoming construction activities

Dam site area

- Voith Hydro, the turbines and generators contractor, is expected to access their laydown and work area on the south bank of the dam site in March.
 - Mobilization of crews and equipment.
 - Begin excavation and foundation preparation for on-site manufacturing facility.
 - Construction of manufacturing facility building expected to begin in early summer.
- Viewpoint construction reached substantial completion in fall 2016. Paving, landscaping and installation of signage will occur in spring/summer 2017.

Current/upcoming construction activities

Other work areas

- Upgrade work to existing access roads connecting to the transmission line right-of-way.
- Clearing may occur in the transmission line right-of-way and at the Peace Canyon Generating Station to prepare the site for the expansion of the 500kV switchyard.
- Upgrade work to 271 and Old Fort roads will continue; paving will be completed in spring/summer 2017, weather dependent.
- Initial survey work and geotechnical investigations will occur in Hudson's Hope to support the design development for the shoreline protection.

Current/upcoming construction activities

Other work areas: Highway 29 and reservoir area

- Clearing may continue in the Cache Creek/Bear Flat area for Highway 29 realignment.
 - PRRD request to delay clearing Watson Slough until reservoir filling.
 - BC Hydro reviewed plans and reduced number of trees to be cleared.
 - Approximately 10% of trees will be cleared in 2017, with 90% to remain in place until winter before reservoir filling.
- Investigative work will occur at Halfway River for Highway 29 detailed design development.
- Clearing may continue in some areas of the eastern and lower reservoir area, from the dam site to Cache Creek, and in the Moberly River valley.
- Debris boom will be installed upstream of Moberly River bridge.

Current/upcoming construction activities

Other work areas: 85th Avenue Industrial Lands

- Work continues at the Industrial Lands, including:
 - Survey work.
 - Clearing and mulching.
 - Preparation of offices, parking lot and laydown/stockpile areas.
 - Preparation of Industrial Lands for excavation.
- Preparatory work continues for the conveyor belt system.
 - Survey work.
 - Clearing in the right-of-way for the conveyor and construction access points.
 - Fencing installation along the conveyor right-of-way.

Tension crack – north bank (February 2017)



South bank approach channel (January 2017)



South bank approach channel (January 2017)



Riprap placement (December 2016)



Concrete batch plants (November 2016)



Procurement update



Procurement update

Procurement approach designed to achieve value for money to ratepayers



Procurements underway:

- Generating Station and Spillways Civil Works – *RFP phase*
- Hydro-mechanical Equipment Supply – *RFP phase*

Future procurements:

- Powerhouse Bridge Crane Supply
- Transmission Line – Construction
- Transmission Line – Supply contracts
- Site C Substation – Construction
- Site C Substation – Supply contracts
- Other infrastructure / supporting activities



Jobs and Businesses Update

Site C jobs snapshot

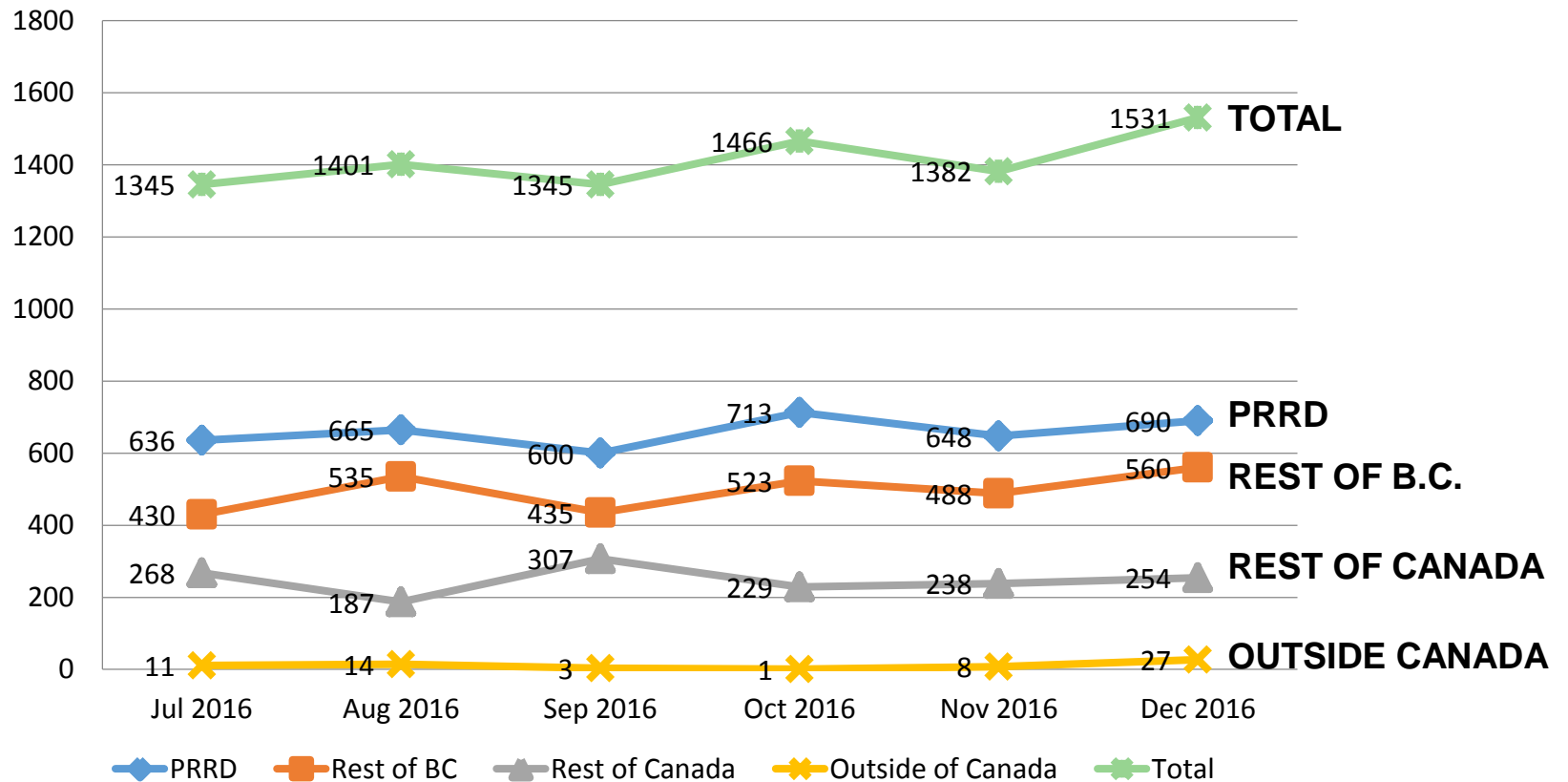
Site C Employment Statistics – December 2016

	# of Total Workers	# of PRRD Workers
Construction and Non-Construction Contractors ¹ <i>Excludes work performed outside of B.C. (e.g. manufacturing)</i>	1,531	PRHP: 506 ATCO: 72 Other: 112 Total: 690
Engineers and Project Team ² <i>(engineering, consulting and project staff)</i>	385	
Total Workforce	1,916	

1. Includes work performed on Site C dam site, transmission corridor, reservoir clearing area, public roadwork, worker accommodation and services.
2. Project Team includes consultants, BC Hydro Construction Management and other offsite Site C project staff. An estimate is provided where possible if primary residency is not given.

Site C jobs snapshot

July – December 2016
 Site C Construction and Non-Construction
 Workers: by Primary Residency



Job opportunities

Available positions with BC Hydro

- BC Hydro is hiring workers for Site C, in addition to the majority of hiring which is being done by our contactors.
- Available positions include:
 - Construction and contract managers
 - Occupational Health & Safety persons
 - Natural Resource specialists
 - Records & Information Management personnel
- Apply online at bchydro.com/careers.
- Site C job opportunities with BC Hydro and our contractors are posted on WorkBC and Employment Connections.

2016 Q4 Regional Business Participation

Companies engaged as sub-contractors/suppliers to BC Hydro's contractors

Community	Number of Businesses
Charlie Lake	6
Chetwynd	5
Dawson Creek	5
Fort St. John	110
Moberly Lake	2
Peace River Regional District	1
Pouce Coupe	1
Prince George	1
Total	131

PRRD businesses provide a range of services:

- Equipment rentals and sales
- Vehicle rentals
- Office supplies
- Accommodation and hospitality
- Safety and first aid services
- General contracting
- Trucking



BC Hydro

Power smart