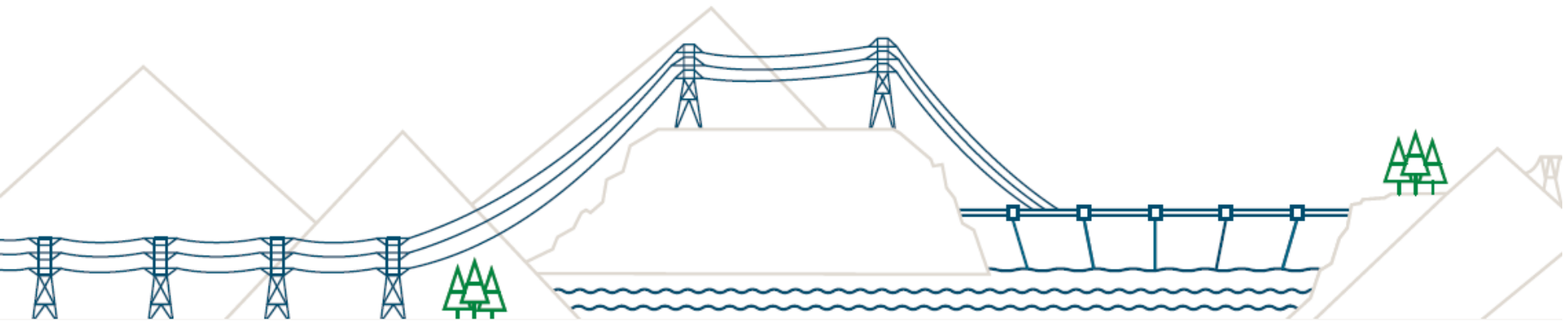


# Site C Clean Energy Project

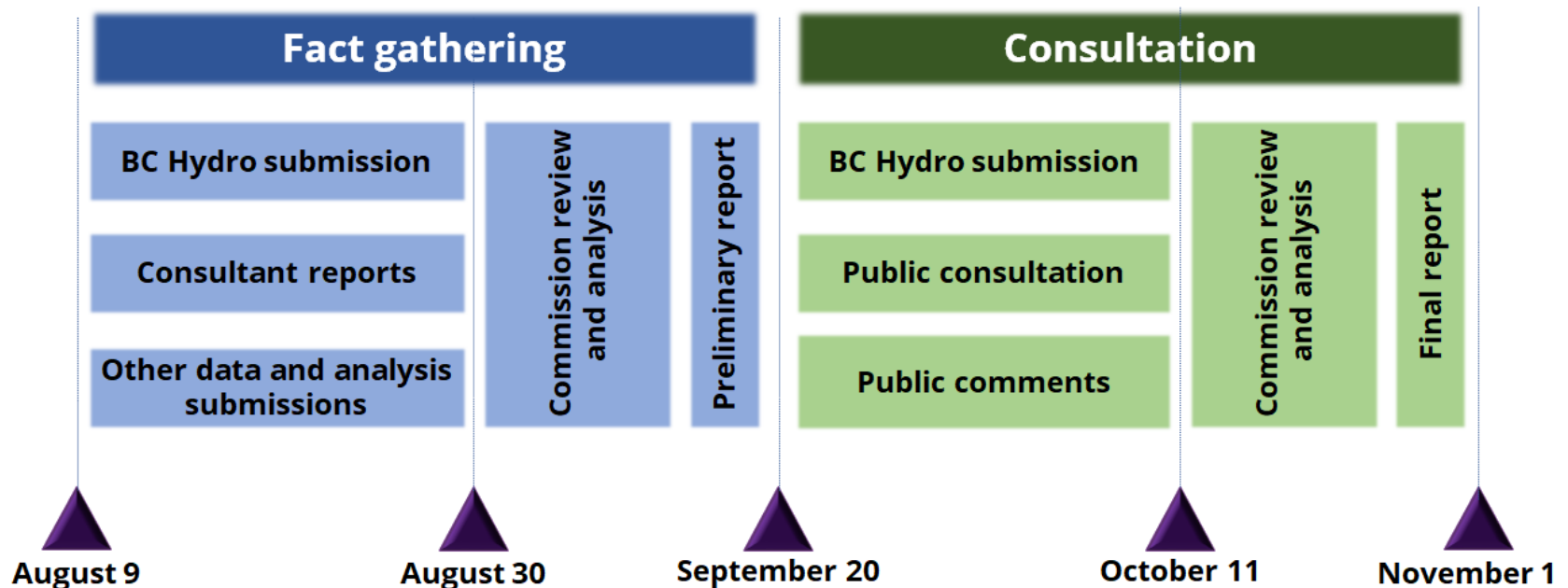
## Regional Community Liaison Committee Project Briefing

September 6, 2017



# British Columbia Utilities Commission review

*The provincial government has asked the BCUC to review Site C. The review began on August 9, 2017. The terms of reference require a preliminary report from the BCUC within six weeks (by September 20, 2017), and a final report within 12 weeks (by November 1, 2017). Construction and procurement activities will continue during the review; however, no major contract awards will be made until the review has been completed and the government has made a decision.*



# Construction update



# Site C progress at two-year mark

Drone footage shows project components at the dam site



# Voith Hydro



# **Voith manufacturing facility frame (May 2017)**





# Exterior of Voith manufacturing facility (June 2017)



# Exterior of Voith manufacturing facility (August 2017)





# **Right (south) bank excavation & roller-compacted concrete (RCC) placement for powerhouse buttress**

# South bank cofferdam, excavation and sediment storage area (May 2017)





# Powerhouse buttress excavation (May 2017)





# Aerial view of the stilling basin (June 2017)





# RCC placement for powerhouse buttress (August 2017)





# RCC placement for powerhouse buttress (August 2017)





# **Right (south) bank roller- compacted concrete (RCC) preparation**

# RCC conveyor construction (June 2017)



# **Right (south) bank aggregate crushing facility**



# Aggregate crushing facility (July 2017)



# CN rail siding

# Septimus siding unloading pad (May 2017)





# **Left (north) bank tension crack**

# Tension crack stabilization work area (May 2017)



# North bank haul road upgrade work (May 2017)





# North bank excavation (July 2017)



# Left (north) bank inlet cofferdam



# North bank inlet cofferdam (May 2017)



# Site C viewpoint



# Viewpoint (August 2017)



# Current/upcoming construction activities

## Other work areas

- Main civil work continues at the dam site.
- Upgrade work on 271 Road continues.
- Upgrade work on Old Fort Road is substantially complete.
- Geotechnical investigations for the Hudson's Hope shoreline protection work were completed in early May. Work on the preliminary design is underway.
- Transmission line work continues in the right-of-way.
- Wuthrich quarry & West Pine quarry:
  - Riprap will be produced for use in construction at the dam site.





# 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*
- Powerhouse Bridge Crane Supply – *RFP phase*
- Site C Substation – Construction – *RFP phase*

## Future procurements:

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



# Jobs and Businesses Update



# Site C jobs snapshot

## Site C Employment Statistics – June 2017

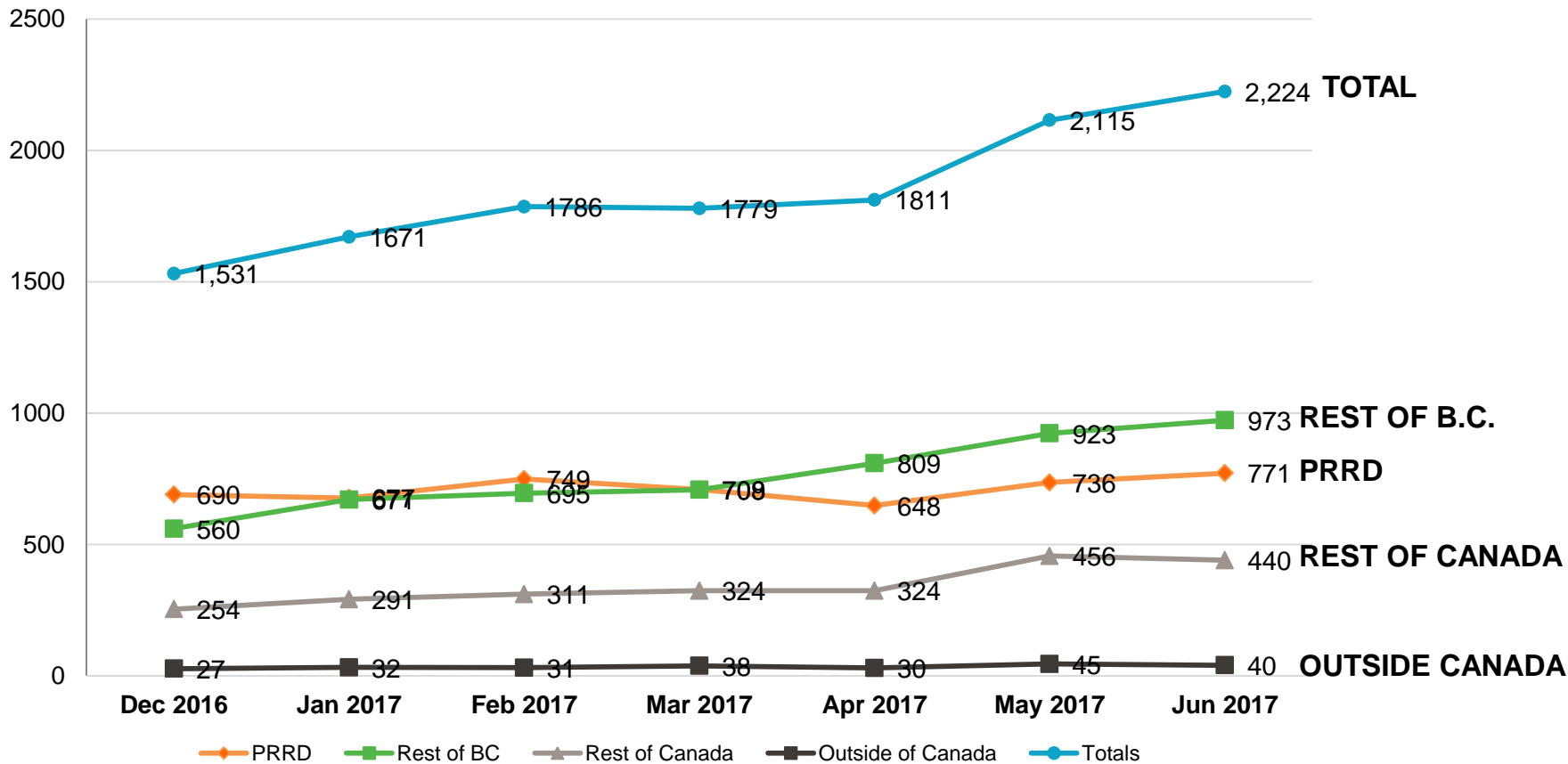
	# of Total Workers	# of PRRD Workers
Construction and Non-Construction Contractors <sup>1</sup> <i>Excludes work performed outside of B.C. (e.g. manufacturing)</i>	2,224	PRHP: 465 ATCO: 62 Other: 244 <b>Total: 771</b>
Engineers and Project Team <sup>2</sup> <i>(engineering, consulting and project staff)</i>	409	
<b>Total Workforce</b>	<b>2,633</b>	

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

December 2016 - June 2017  
 Site C Construction and Non-Construction Contractors  
 By Primary Residency



# 2017 Q2 Regional Business Participation

Companies engaged to provide goods & services in relation to Site C construction

Community	Number of Businesses
Baldonnel	1
Cecil Lake	1
Charlie Lake	12
Chetwynd	6
Dawson Creek	21
Fort St. John	256
Moberly Lake	2
Pouce Coupe	1
Prince George	18
Rose Prairie	1
Taylor	4
Tumbler Ridge	2
Wonowon	1
<b>Total</b>	<b>326</b>

## 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