



Waneta Expansion PROJECT



THIS \$900 MILLION PROJECT WILL SEE THE CONSTRUCTION OF A 335MW POWERHOUSE IMMEDIATELY DOWNSTREAM OF THE EXISTING WANETA DAM.

FAST FACTS

- The project will see the construction of a second powerhouse to share the hydraulic head created by the existing Waneta Dam (owned by Teck and BC Hydro);
- This 335 megawatt hydroelectric project, which will generate enough power to supply 60,000 homes annually, is a unique opportunity to obtain large amounts of clean hydroelectric energy without building a new dam;
- An intake structure will control flow from the Waneta headpond through two parallel tunnels that will supply two Francis turbines in the new powerhouse;
- Excavated rock will be quarried within 7 km of the site and will be available for reuse in future highway and other infrastructure projects in the area;
- As part of the project, a 10 km transmission line will be built parallel to the existing BC Hydro high voltage line from Waneta to the Selkirk Substation;
- When operational, FortisBC (a subsidiary of Fortis Inc.) will purchase the capacity; energy generated will be sold to BC Hydro;
- Once constructed, the new facility will be operated and maintained by FortisBC under agreement with the owners. FortisBC provides comparable services to its own facilities, as well as those of several other facility owners in the region; and,
- The community will be involved through the Community Impact Management Committee (CIMC), made up of local stakeholders and representatives from the owners and contractor. The CIMC will provide ongoing input to encourage positive community impacts and benefits and relay community concerns resulting from construction.

OPERATIONAL BENEFITS

- Operations at Waneta will be coordinated between the owners and Teck/BC Hydro to optimize the use of water through the existing and expansion powerplants, especially during low flow months and environmentally-sensitive periods;
- Fish will benefit from increased habitat productivity upstream and from reduced dissolved gas levels downstream; and
- Once operational, the project will have zero greenhouse gas emissions.

For more information visit www.columbiapower.org/wanetaexpansion

PROJECT DURATION
4.5 years

EMPLOYMENT
Over 400 jobs

Anticipated that approximately 85% of the workforce will be local (within 100 km of the project)

Equity hiring provisions and apprenticeship opportunities

WAGES AND BENEFITS
\$200 million (estimated)

Regional economy will benefit through the purchases of local goods and services

OWNERS

Fortis Inc. (51%)

Columbia Power Corporation (32.5%)

Columbia Basin Trust (16.5%)

CONTRACTOR

SNC-Lavalin Inc.

SUB-CONTRACTORS

ASL-JV

Voith Hydro

