



Pictured above is the Unit 6 stator. The stator converts the rotating magnetic field to electric current. [See more construction photos in our gallery.](#)

Site C Construction Schedule: April 20 to May 3, 2024

News and highlights

- BC Hydro is contributing nearly \$23,000 to support three Peace Region non-profit groups through the [Site C project's Generate Opportunities \(GO\) Fund](#).
- Join one of our drop-in events to learn more about reservoir filling, which is targeted to begin later this summer. Mark your calendars for May 7 in Fort St. John and May 8 in Hudson's Hope. [RSVP now](#).

Dam site

- Construction of the powerhouse and intakes continues, including concrete placement and penstocks flexible coupling installation.
- Hydromechanical equipment (HME) installation and commissioning continues on the spillway gates and intake gates.
- Placement of riprap on the downstream face of the dam, construction of permanent dam access roads, and installation of duct banks for dam access road lighting continues.
- Work will continue in the right bank drainage tunnel, left bank drainage adit, and dam buttress galleries.
- Processing of riprap at West Pine Quarry and hauling riprap by train and trucks to the dam site will continue. Blasting will resume at West Pine Quarry.
- Crews are covering exposed potentially acid-generating (PAG) rock on the left bank.

- Construction of permanent roads on the right bank will continue.
- Installation of transmission towers on the penstocks is complete.

Powerhouse

- Installation of cable tray, electrical cables, and equipment in the powerhouse is underway. Crews are installing the isolated-phase bus and 500-kilovolt line termination equipment to receive the new 500-kilovolt transmission lines.
- The mechanical contractor continues to install water and air piping in the powerhouse.
- Installation and assembly of turbine and generator components including rotors continues.
- Turbine and generator components and materials continue to be delivered to site, and some to storage, for future installation.

Reservoir area

- Deployment of the temporary debris boom and the start of this year's debris management and operations.
- Re-establishment of the Garbage Creek channel.
- Removal or demolition of infrastructure within the future reservoir on BC Hydro-owned land will continue near Farrell Creek and Lynx Creek. Equipment will mobilize to site and work may be visible from Highway 29. Field investigations may take place.

Regulatory

- On March 22, 2024, BC Hydro deposited a Notification of Minor Work under the Canadian Navigable Waters Act to Transport Canada – Registry Number 10299. Approximately 1 km downstream of the Peace Canyon dam, several naturally occurring rock bedding planes extend into the river at an elevation of 459m. These bedding planes are sometimes referred to as “river fingers”, “riverine fingers” or “river spits” (“The Fingers”).
 - The Site C reservoir, once operational, will have a Minimum Normal Reservoir Level (MNRL) operating range of 460m. The Fingers will be permanently flooded and will no longer be used for fishing. The areas will however become a submerged hazard for boaters due to its 1 metre elevation below the MNRL operating range of 460m.
 - In order to address this hazard, BC Hydro is proposing to install five safety buoys to warn the public of the hazard. Installation of the buoys is planned to commence during low flow conditions in the Peace River between mid-April and end of June 2024. This Project can be found through the Common Project Search site (Common Project Search Registry).

Traffic delays

- Old Fort Road: Near Gate B to the dam site, drivers may encounter loose gravel and increased commercial traffic. Due to equipment delivery, there may be occasional short road closures along Old Fort Road.
- Trucks with heavy loads will be accessing the dam site and other project areas, using public and resource roads. There may be occasional minor delays.
- Riprap may be delivered by trucks to the dam site along Highway 97, Jackfish Lake Road and petroleum development roads to Gate C, on the south bank of the dam site.

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