

Site C Construction Schedule: February 25 – March 10, 2023



Site C's Unit 1 rotor.

News and highlights

- We have placed the first turbine rotor into the generator pit inside the powerhouse. The rotor weighs 600 tonnes and it took two cranes four hours to complete the lift. See photo above. You can [see more Site C photos in our gallery](#).
- Filling the Site C reservoir, which could begin as early as this fall, will allow us to put the generating station, spillways, turbines and generators into operation. [Watch our video](#) to learn more.

Dam site

- Excavation of the approach channel, drilling and grouting, and placement of concrete and rip rap continues.
- Installation of steel piles in the tailrace excavation continues as part of the [right bank foundation enhancements](#). The piles extend the foundation further into the bedrock.
- Construction of the powerhouse, intakes, and spillway continues. This includes concrete placements at the powerhouse, intakes, penstocks, and spillways.
- Powerhouse Balance of Plant: Installation of cable tray and other electrical components, as well as connection of cables is underway on the generator floor. Crews will install the isophase bus. Piping will be installed in the dewatering gallery and on the generator floor. The mechanical contractor will continue applying coatings in the draft tube cone access area.
- Installation of the spillway gates and intake gates are underway.
- Installation of a headwork gantry crane continues on top of the intakes.
- Installation of a tailrace gantry crane will start on the powerhouse tailrace deck.
- Turbine and generator components and materials continue to be delivered to site, and some to storage, for future installation. All six turbine runners have arrived at site.
- In the powerhouse, installation and assembly of turbine components continues and generator rotors are being assembled in the main service bay.
- Hauling activities continue from aggregate sources on the south bank.
- Construction of the dam, including placement of aggregates and riprap, and drilling and grouting of the abutments may continue, weather dependent.
- Work will take place in the right bank drainage tunnel, including drilling and grouting, as well as the installation of drains.
- Assembly of the transmission tower structures continues for the transmission lines that connect the powerhouse to the Southbank substation.

Highway 29

- Crews have demobilized for the season at Cache Creek, Halfway River, and Farrell Creek.
- Crews will be returning to Lynx Creek to decommission the bridge and continue working on the remaining outstanding work, including the removal of unsuitable material, the placement of riprap and the construction of the new Lynx Creek boat launch.
- The contractor at Cache Creek may be on site to complete minor outstanding work on the bridge.
- The contractor will be on site at the Halfway River bridge to configure concrete barriers and signage in order to open to traffic.
- [Visit our website](#) for Highway 29 schedules, maps, and construction updates.

Decommissioning

- Crews may work to decommission the Cache Creek bridge.
- Crews will be at Farrell Creek to begin decommissioning the old highway.
- The old highway at Lynx Creek and Cache Creek are being decommissioned.

Fish habitat construction near Old Fort

- Restoration on the island has been completed and the bridge has been removed. Final clean-up of the bridge supports, and shoreline contouring will be completed in the spring.

Reservoir area

- Crews are removing new vegetation that has regrown into previously cleared areas in the reservoir, between the dam site and Cache Creek.

- Clearing activities are happening along the north and south banks of the Peace River. Most of the clearing work at Watson Slough is complete, however crews will need to return later this year. [Clearing activities](#) include vegetation clearing, road construction, and maintenance and log hauling.
- Burning of wood debris may take place along the north and south banks of the Peace River pending favourable conditions.
- Removal or demolition of infrastructure within the future reservoir on BC Hydro-owned land will continue near Cache Creek and Lynx Creek. Equipment will mobilize to site and work may be visible from Highway 29.
- Field investigations may take place.

What to expect

Work will take place during the day, night, and on the weekend, until the project is completed. During this time, residents can expect:

Boating restrictions

- The Peace River near the dam site is permanently closed to boater traffic. Being on or near the water around the Site C construction area presents a serious safety risk to river users. Boaters are urged to stay away from the area and observe and obey all signage and beacons. [Read more.](#)

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. As crews complete erosion control work, there will be intermittent traffic control at the top of the hill by the chain-up.
- **Highway 29:** Construction-related equipment will travel along Highway 29 and Highway 97. Drivers on the road are reminded to travel at a safe distance behind construction vehicles particularly near the Highway 29 road realignment sections. Learn more at [drivebc.ca](#).
- **Other areas:** Trucks with heavy loads will be accessing the dam site and other project areas, using public and resource roads.

Equipment, noise, vibration, and reduced visibility

- Helicopters and commercial drones may be used to support investigative, and construction works.
- Some noise and vibration may take place near the dam site and work areas, including the quarries.
- There may be smoke and lower visibility in areas where wood debris burning is happening.

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