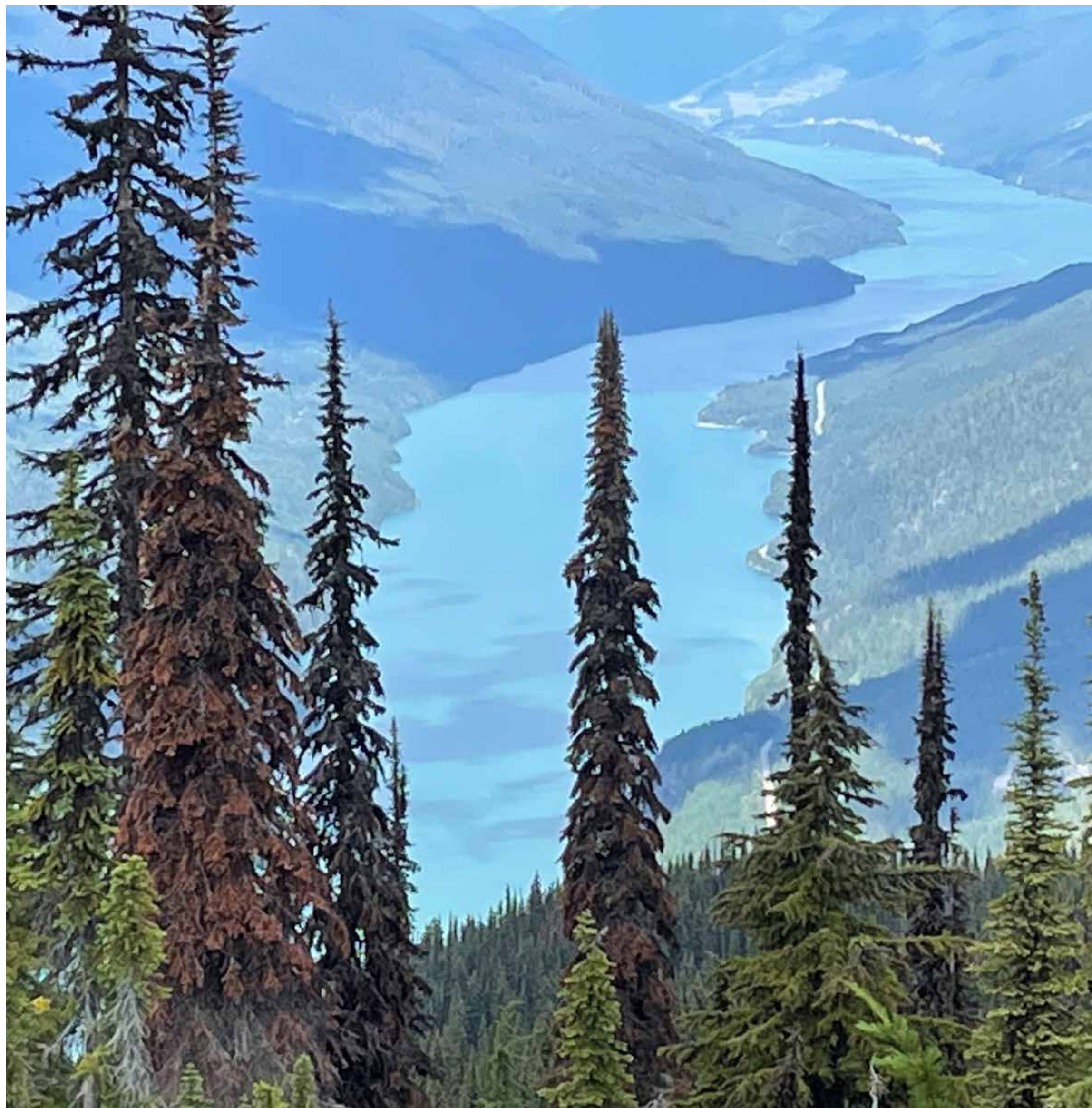


Welcome



- We're adding a sixth generating unit at Revelstoke Generating Station and a potential new capacitor station near Summerland to:
 - support electrification
 - meet peak demand
 - add renewable energy sources to our system
- Please review the storyboards to learn more about the project.
- Project team members are here to answer your questions.



Revelstoke Reservoir

BC Hydro recognizes that the Revelstoke facility is built on the unceded traditional territories of the syilx Okanagan Nation, Secwépemc, and in ʔamakʔis Ktunaxa.

We acknowledge the impacts that BC Hydro's system and operations have had on these Nations and the land they have made use of since time immemorial. We share in the responsibility to act as stewards for the land and care for its resources.

Revelstoke Dam and Generating Station



Revelstoke Dam and Generating Station are located on the Columbia River, 5 kilometers upstream from the City of Revelstoke.

The facilities are part of our Columbia system with Revelstoke Reservoir and Mica Dam located upstream and the Hugh L. Keenleyside Dam and Arrow Lakes Reservoir downstream.

Revelstoke Generating Station was built to house six generating units; four units were installed at the time of construction in 1984 and the fifth was added in 2010.

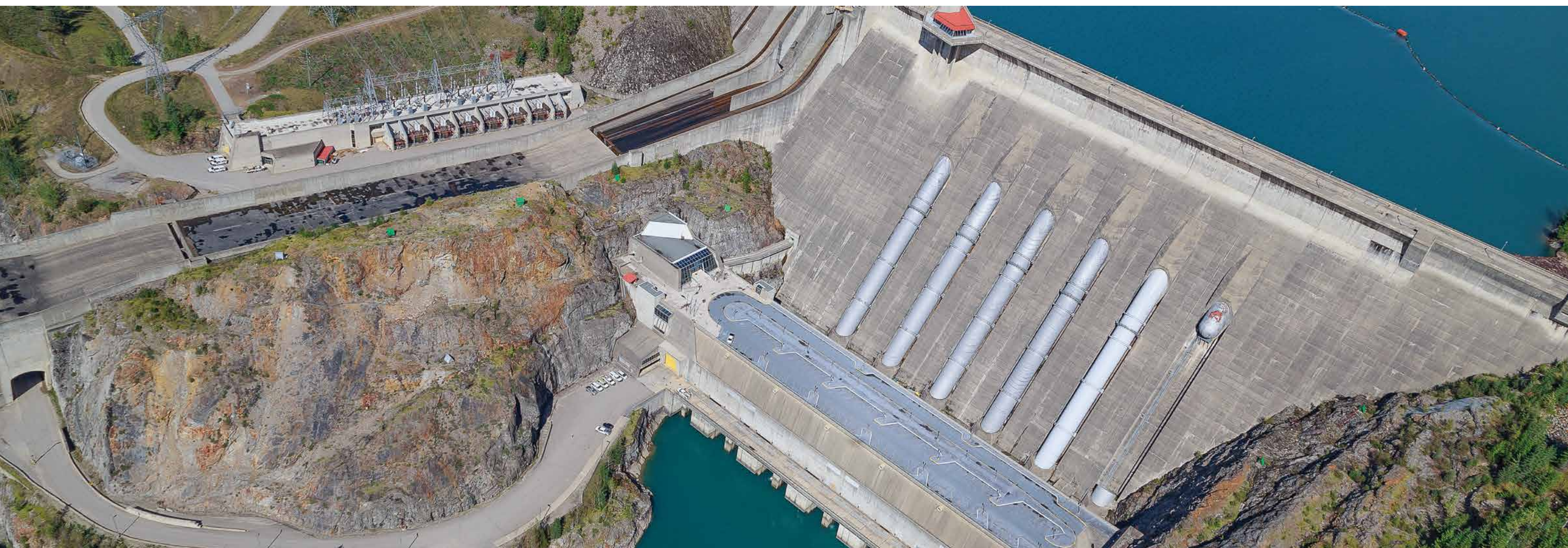
Electricity generated by the plant is delivered to the grid by two parallel 500 kilovolt transmission lines that run from Revelstoke Generating Station to the Ashton Creek substation near Kamloops to Enderby.



Project Overview



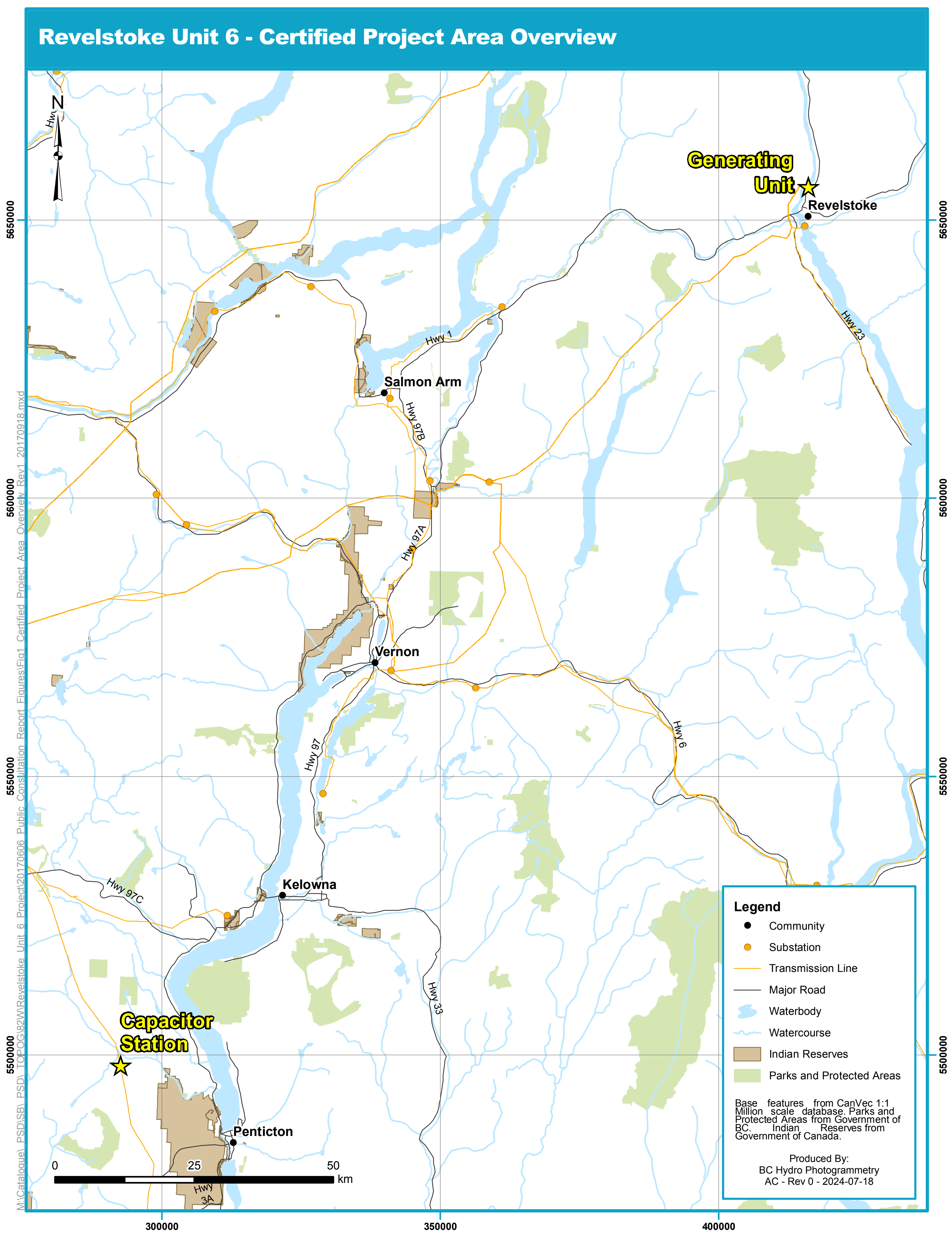
- The Revelstoke Generating Station Unit 6 project will:
 - install the sixth generating unit into an existing bay at Revelstoke Generating Station.
 - potentially construct a capacitor station near Summerland.
- The Project received an Environmental Assessment Certificate (EAC) from the BC Environmental Assessment Office (EAO) in 2018 following extensive consultation with First Nations and stakeholders.
 - The EAC includes a Certified Project Description as well as the conditions which must be met for the project to proceed.
 - The project has to substantially start construction by November 2028.
 - We're now working to implement the project conditions and advance the project.
- We received a new water licence for the project in 2019 to operate the facility at peak capacity, when needed.
- Construction will start in spring 2026 and Unit 6 is planned to be in service in December 2032.



Project Area



This figure shows the general location of the new generating unit and potential capacitor station as defined in the Certified Project Description which forms part of the project approvals (i.e., Schedule A of the Environmental Assessment Certificate).



Project Benefits



Revelstoke Unit 6 will add 500 megawatts (MW) of generating capacity to BC Hydro's system to help support electrification, meet peak demand, and support the addition of renewable energy sources.

JOBS AND ECONOMIC BENEFITS

- Project construction will create 450+ person years of temporary employment and generate local spending of about \$60 million for goods, materials, and services.

MAXIMIZING THE VALUE OF BC HYDRO ASSETS

- We're making optimum use of an existing facility by adding the sixth and final generating unit.
- This project will give us more flexibility in how we operate and manage our system in the event of outages and respond to periods of uncertainty (e.g., extreme weather events or unplanned outages).

COST EFFECTIVE

- This is the most inexpensive way to add 500MW to our system.
- We're adding the final generating unit into an existing bay at the generating station.

MINIMIZE FOOTPRINT

- Revelstoke Unit 6 won't involve a significant change to the facility and construction activities will be within the existing facility footprint. The space for the generator is already built and it just has to be installed.



Revelstoke Unit 6



Key activities at the Generating Station site will include:

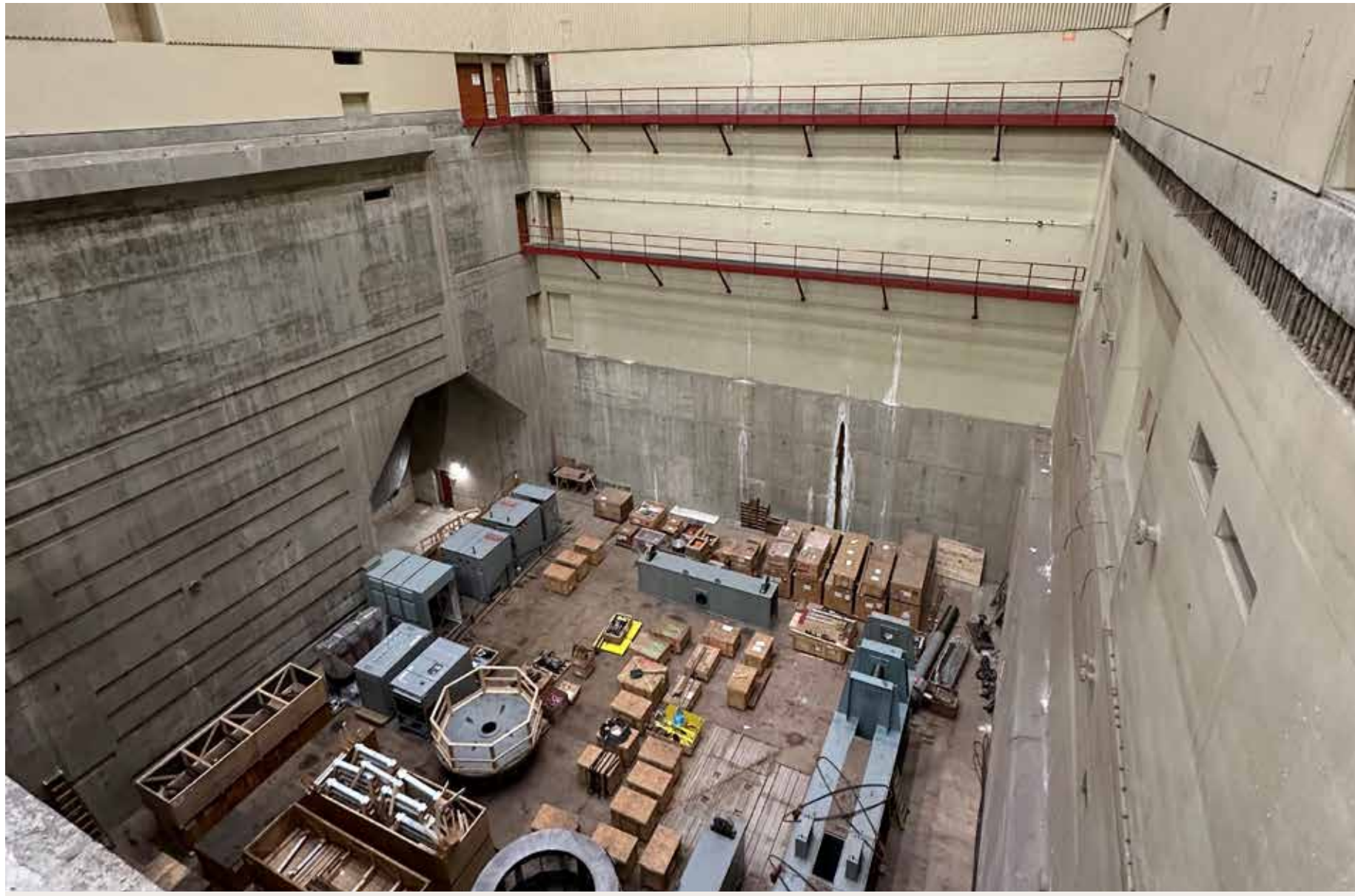
- Site preparation and expansion of existing warehouse storage
- Penstock construction
- Civil construction
- Turbine and Generator installation
- Gas Insulated Switchgear modifications
- Electrical and mechanical equipment installation
- Testing and commissioning

Construction is expected to start in spring 2026 with left bank rock fall fencing and a new permanent warehouse next to the existing warehouse.

Project work will take place within the fenced property boundary of Revelstoke Generating Station and use the same construction and laydown areas used for the Revelstoke Unit 5 Project.

Project traffic will use existing Westside Road and Highway 23N for site access.

Revelstoke Unit 6



Existing turbine bay

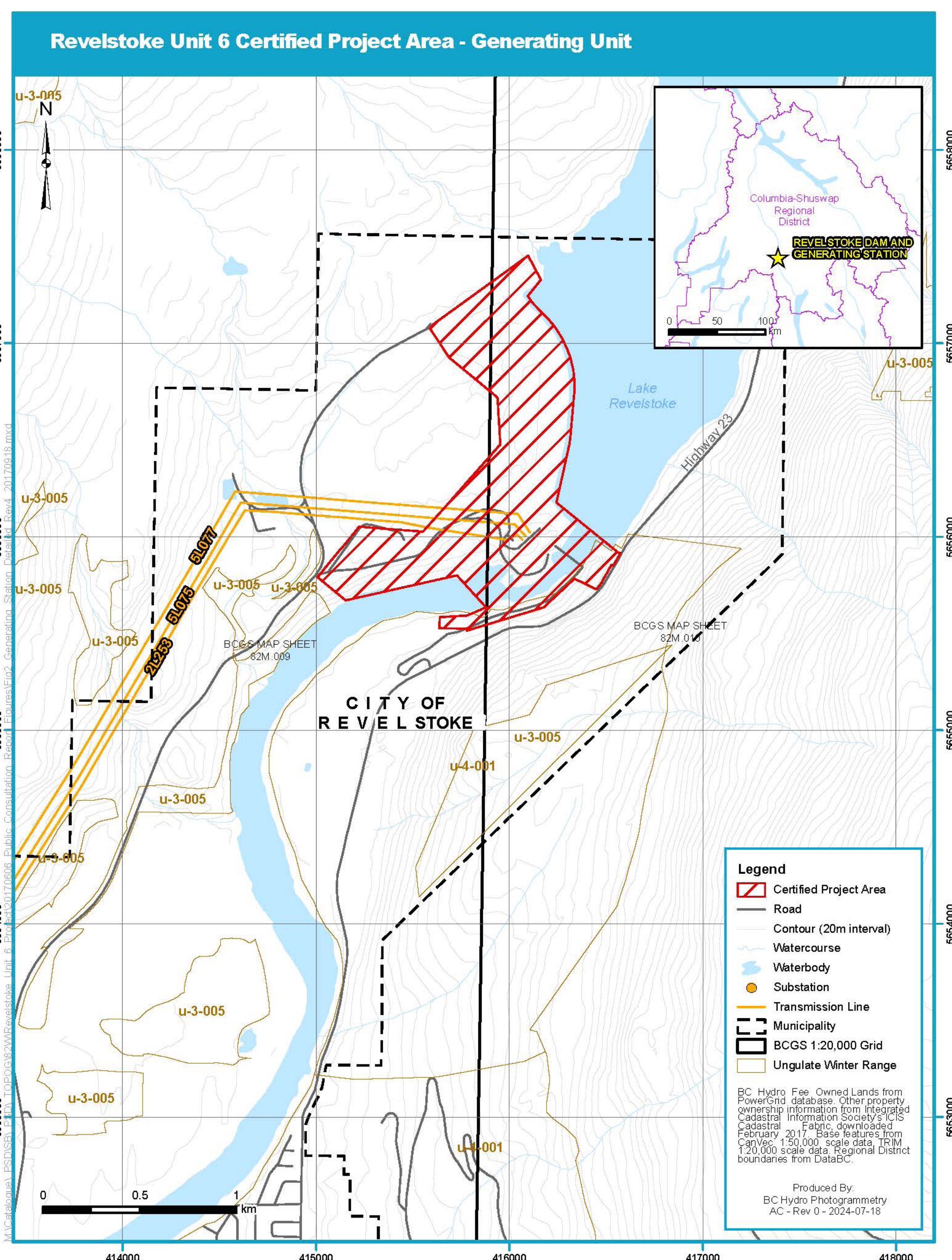


Space for new penstock

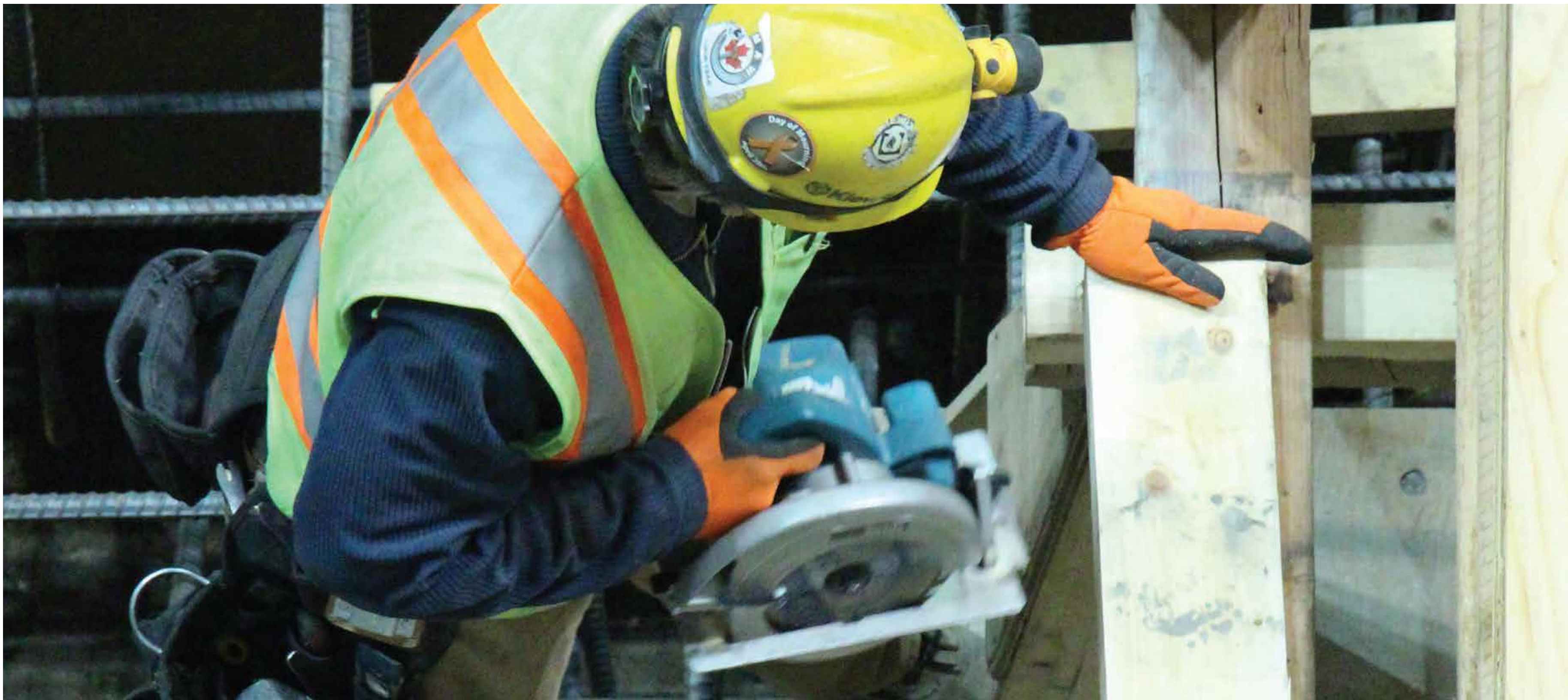
Key project components:

- A 500 megawatt (MW) generating unit in an existing turbine bay at Revelstoke Generating Station.
- A sixth steel penstock on the face of the dam.
- A generator transformer, switchgear, and ancillary mechanical and electrical equipment in the existing powerhouse.

The red hatched area in the figure to the right is where Revelstoke Unit 6 components will be located and where project activities will take place.

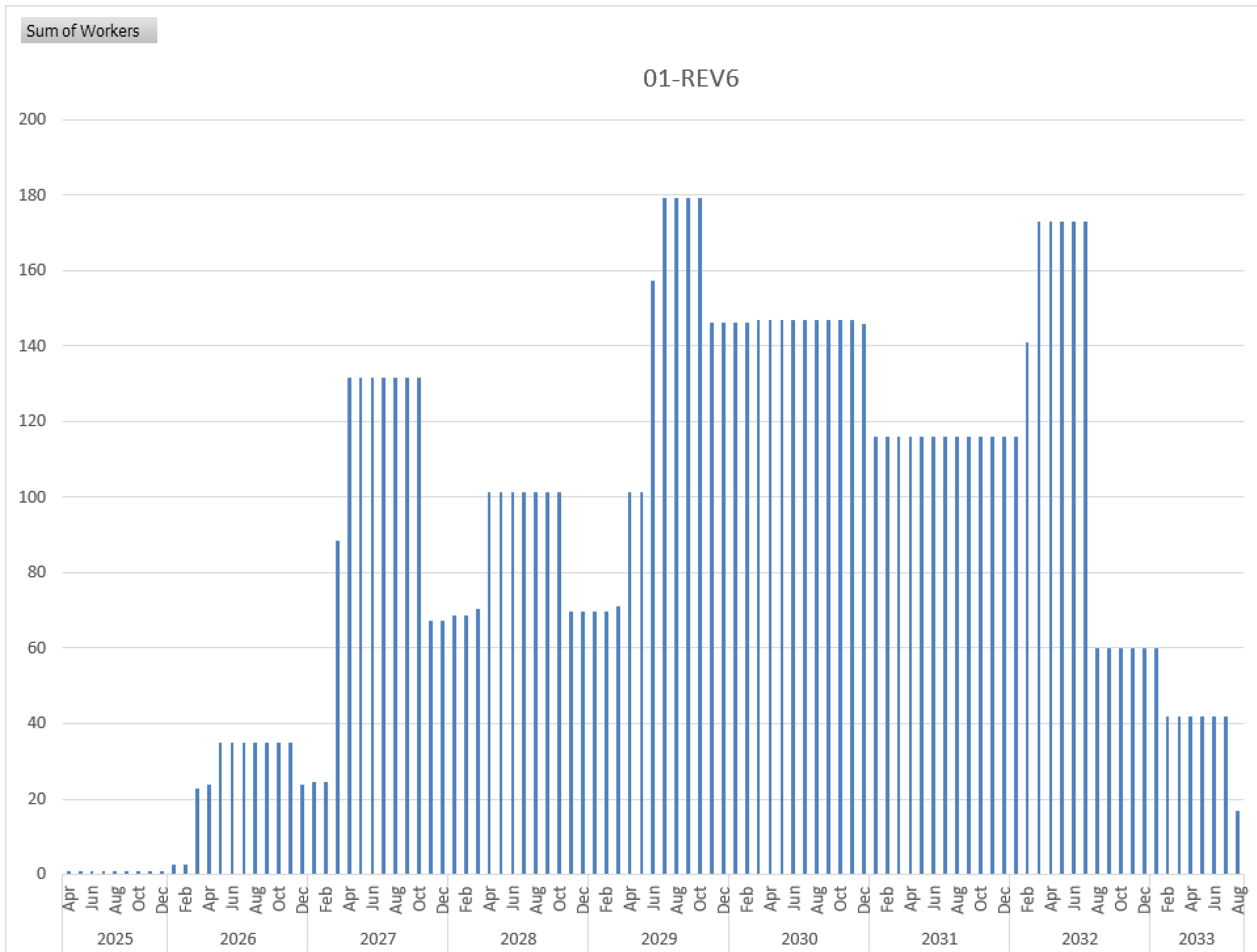


Project Workforce



Construction of Revelstoke Unit will create 450+ person years of temporary employment.

Worker requirements at the Revelstoke site are currently anticipated to be as shown in the figure below.



Requirements will be refined as project planning advances.

Traffic



During construction, there will be an increase in traffic in the Revelstoke area and, in particular, along Westside Road.

A number of steps will be taken to address potential issues including:

TRAFFIC MANAGEMENT PLAN

- We'll develop and implement a Traffic Management Plan (TMP) based on the Province's 2020 Traffic Management Manual for Work on Roadways which includes:

- measures for traffic control, restricting access to active construction sites, public communications, wildlife mortality prevention, incident management and response
- a requirement for the development of subplans with more specifics



PUBLIC COMMUNICATIONS PLAN

- Along with the TMP, and similar to what we did for Revelstoke Unit 5, we'll develop a Plan to:
 - communicate traffic related information to the public, emergency response providers, and other Westside Road users
 - work with Ministry of Transportation and Transit (MoTT) to address concerns related to Ministry infrastructure, as required

MONITORING AND ADDRESSING ROAD CONDITIONS

- We'll monitor Westside Road conditions during construction and work with the City to determine if funding for repair or maintenance or other mitigation is needed as a result of Project road use.



Housing



Incoming workers and BC Hydro staff relocating to Revelstoke will require housing during construction and will be housed in the community.

COLLABORATING TO ADDRESS HOUSING NEEDS

- We're working with the City of Revelstoke (City) and the Revelstoke Community Housing Society (RCHS) to reduce negative impacts on accommodation supply.
- To support this objective, BC Hydro has provided funding to RCHS to:
 - Advance planning for housing units already identified by the City
 - Review and potentially secure additional private sector accommodation options

SUPPORTING AFFORDABLE HOUSING

- We're working with the City and RCHS to advance plans for new housing units which could help support affordable housing in the community.

ONGOING ENGAGEMENT

- We will continue working with the City and RCHS to identify options for housing our workforce and to identify any unforeseen impacts on local housing during project construction.

FUTURE PROJECTS

- We will be undertaking other projects in the Revelstoke area and will review housing options for these projects as planning advances.

Employment and Training



Revelstoke Unit 6 construction will provide employment opportunities for:

- Labourers
- Electricians
- Communication, Protection and Control (CPC) Technologists
- Winders
- Millwrights
- Equipment Operators
- Crane Operators
- Metal Workers
- Carpenters
- Machinists
- Boilermakers
- Iron Workers
- Pipe Fitters
- Cement Masons
- Painters
- Other Miscellaneous Trades
- Contractor's Staff
- BC Hydro Staff
- BC Hydro Apprentices

BC Hydro will:

- work with major employers, educational institutions and economic development agencies to support alignment of recruitment and training initiatives
- work with First Nations to develop a First Nations Training, Employment and Procurement Plan
- provide a financial contribution to support project related training



Information on how to access employment opportunities will be available on the project website (www.bchydro.com/revelstoke6) as the project advances.

Local and Equity Hire



The Project will hire construction tradespersons, operators, labourers, technicians, administration staff and supervisors under the provisions of the Columbia Hydro Constructors (CHC) Agreement which will be used for most workers for Revelstoke Unit 6.

This union agreement:

- gives first preference to workers living within a 100 km radius of the project site and second preference to those living in the Columbia basin.
- has equity hire provisions for qualified workers who are First Nations, women in non-traditional roles, visible minorities, and/or disabled.

Local and equity hire percentage for Revelstoke 5 project construction	
Local hire	32%
First Nations	4.2%
Women in non-traditional roles	3.4%
Visible minority	1.9%
Disabled	1.3%



Information on how to access employment opportunities will be available on the project website (www.bchydro.com/revelstoke6) as the project advances.

Procurement



Construction work for the Revelstoke Unit 6 Project will be completed by independent contractors through several large contracts that would be awarded according to BC Hydro’s procurement policies. It is estimated that Revelstoke Unit 6 will result in local spending of about \$60 million for goods, materials and services. Based on the experience of the Revelstoke Unit 5 and Mica Units 5 and 6 projects, the following types of goods and services could be supplied to the Project, at least in part, by local and First Nations owned and operated enterprises:

○ Accommodation ○ Restaurant ○ Grocery store ○ Snow removal ○ Aggregates ○ Busing, trucking, and other transportation ○ Avalanche monitoring and risk reduction ○ Paving and asphalt repairs	○ First aid ○ Waste water removal ○ Crane inspection and testing ○ Vegetation removal ○ Concrete ○ Catering services ○ Miscellaneous equipment rentals ○ Miscellaneous electrical services ○ Ground penetrating radar (GPR) scanning	○ Surveying services ○ Excavation services ○ Security services ○ Safety equipment and consulting ○ Miscellaneous building supplies ○ Miscellaneous plumbing services ○ Water treatment services ○ Construction management and engineering
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We will:

- work to enhance procurement of materials, goods and services supplied by local suppliers by working with suppliers to identify ways to increase the involvement of local businesses in economic opportunities associated with the project.
- work with First Nations to develop a First Nations Training, Employment and Procurement Plan

Information on how to access procurement opportunities, including for those items identified in the table above, will be available on the project website (www.bchydro.com/revelstoke6) as the project advances.

Environment and Archaeology



The following plans are being developed in consultation with the BC Ministry of Water, Land and Resource Stewardship and First Nations to address potential project effects.

Before Construction

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

- Provides environmental requirements, standard protocols, and mitigation measures that will be required at minimum to reduce potential for adverse environmental effects during construction.

WILDLIFE PROTECTION PLAN

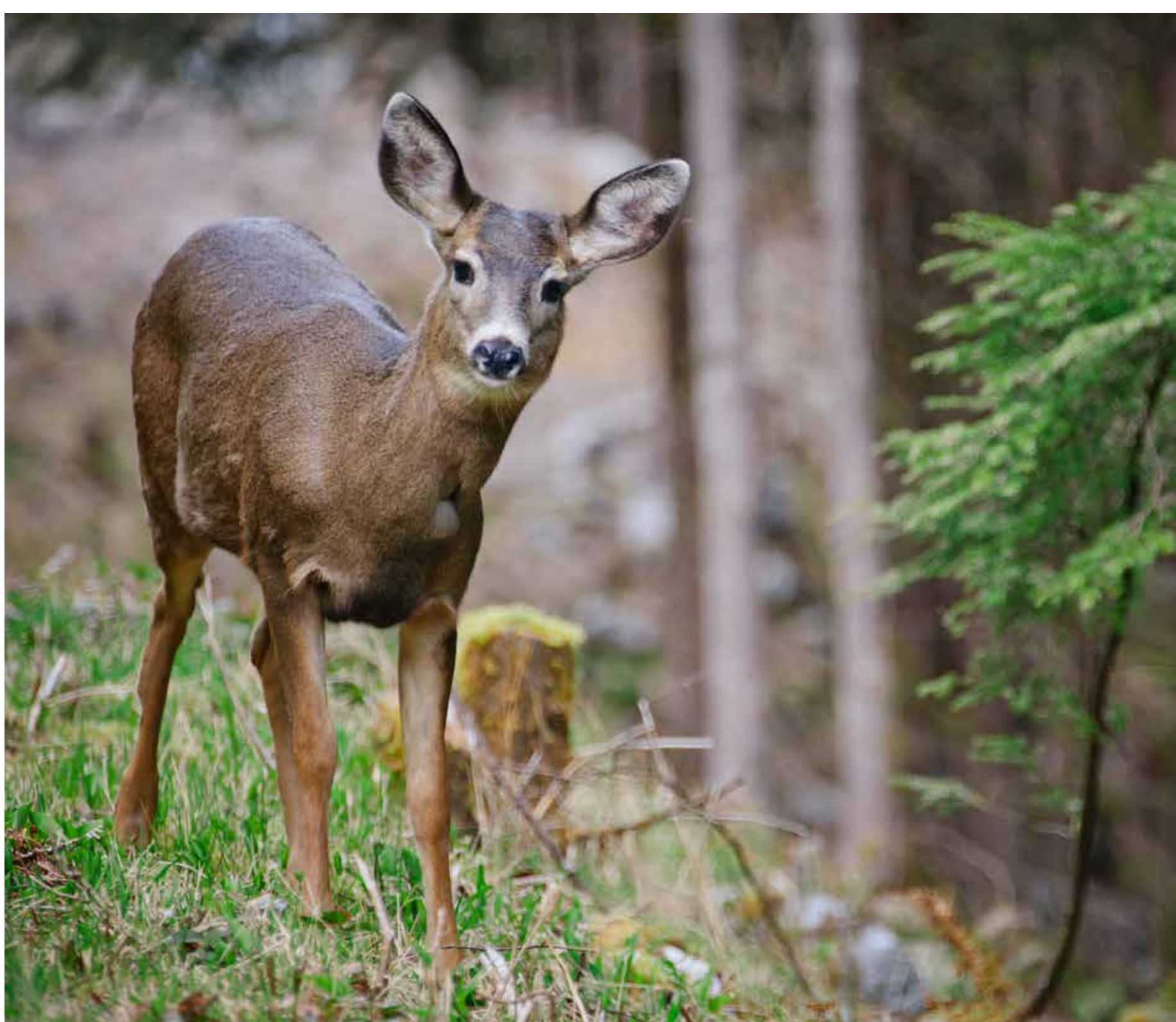
- Describes mitigations that will be implemented for the protection of wildlife and wildlife habitat during Project construction and operations.

ARCHAEOLOGICAL AND HISTORICAL HERITAGE RESOURCES PLAN

- Provides performance-based heritage requirements, standard protocols, and mitigation measures to reduce potential effects to heritage resources during construction and operations.

INDEPENDENT ENVIRONMENTAL MONITOR TERMS OF ENGAGEMENT

- Sets out the role, responsibilities, qualifications of the independent environmental monitor.
- Describes communications and reporting processes and requirements.



Environment and Archaeology



The following plans are being developed in consultation with the BC Ministry of Water, Land and Resource Stewardship and First Nations to address potential project effects.

Before Operations

OPERATIONS ENVIRONMENTAL MANAGEMENT PLAN

- Will address management of human–wildlife conflict, invasive plants, access, and emergency response.

WATER MONITORING PLAN

- Describes monitoring to be implemented during operations – discharge from the Revelstoke Dam; water levels in Revelstoke Reservoir, mid–Columbia River and Arrow Lakes Reservoir; channel and bank erosion.

FISH AND FISH HABITAT MONITORING AND MITIGATION PLAN

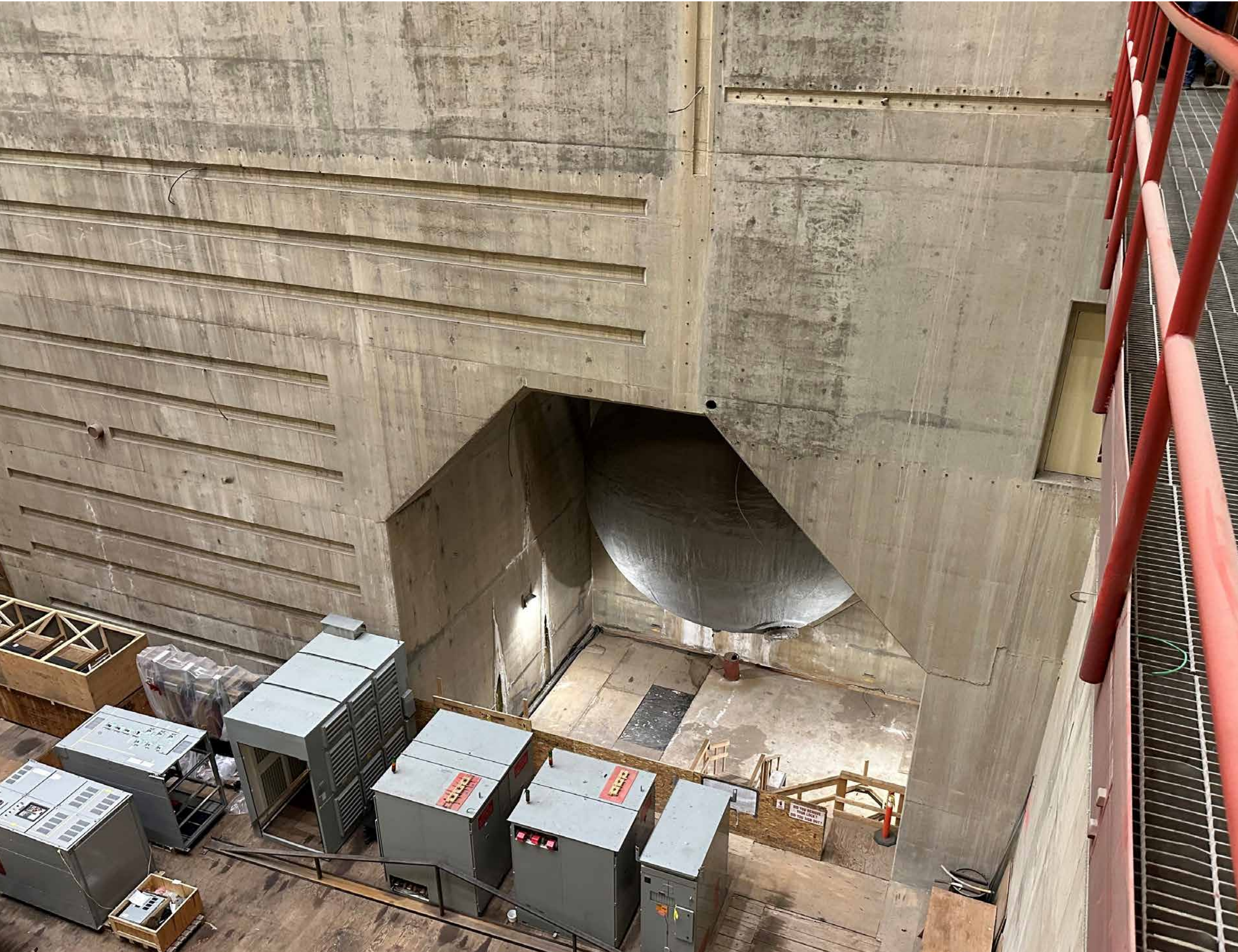
- Provides standard protocols and mitigation measures to reduce the potential for adverse effects to fish and fish habitat during operations.



Schedule and Next Steps



Task	Timing
Confirm how accommodation will be provided	Fall 2025
Form Community Impact Monitoring Committee	Early 2026
Next Open House	Spring 2026
Construction starts	Spring 2026
Project construction substantially started	November 2028
Project in-service	Target – December 2032



View of Pit 6 area showing currently stored equipment and the existing bottom stub for the Unit 6 penstock.

Potential effects of Revelstoke Unit 6 Operation on Revelstoke Reservoir



Revelstoke Reservoir would continue to be operated within its normal range and show only minor changes with a sixth generating unit.



Potential effects of Revelstoke Unit 6 Operation on the Columbia River Downstream of Revelstoke Dam



Average flows downstream of Revelstoke Dam will remain the same with Revelstoke Unit 6 but the pattern of discharge will differ slightly from current operation.

Flow	Volume	How Often These Will Occur Compared to Now
Low	Below 12,000 cfs*	About the same amount of time
Medium	12,000 to 60,000 cfs	Less often
Higher	Over 60,000 cfs	More often
High	Over 75,000 cfs	Less than 1% of the time

*cubic feet per second

During high flows the water level would be up to 0.5 m higher immediately below the dam and the level would decrease with distance downstream to where it wouldn't be measurable:

- Typical high July reservoir levels – 8 km downstream.
- Typical low January reservoir levels – 15 km downstream.



Thank you for attending!



Please complete a comment form and leave it at the entrance table or email us at projects@bchydro.com with your comments and questions.

We'll continue to keep you informed as the project advances.

If you have any additional questions or comments about the project please feel free to contact us or visit the project webpage:

- **Email:** projects@bchydro.com
- **Phone:** 1 866 647 3334
- **Webpage:** www.bchydro.com/revelstoke6

