

Water licence renewals

For BC Hydro to use water to generate power we need a licence under the Water Sustainability Act. If our facilities use Crown Land, we also need a permit over Crown Land. We have applied to renew three water licences with expiry dates in 2018 and four licences with expiry dates in 2019. We have also applied to renew three licences at La Joie and Bridge with expiry dates in 2051 with the intent that all licences at La Joie and Bridge with renewal dates will have the same licence term moving forward. We are not asking for changes to the existing licence conditions or facility footprints as part of the renewals. As we have applied to renew these licences, our rights under the licences are protected until the Comptroller of Water Rights makes a decision regarding the renewal applications.

Overview of renewals

We have applied to renew licences at Shuswap Falls (see note below), Alouette and La Joie and Bridge as described below.

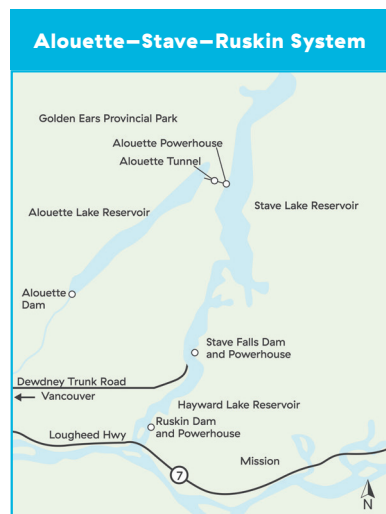
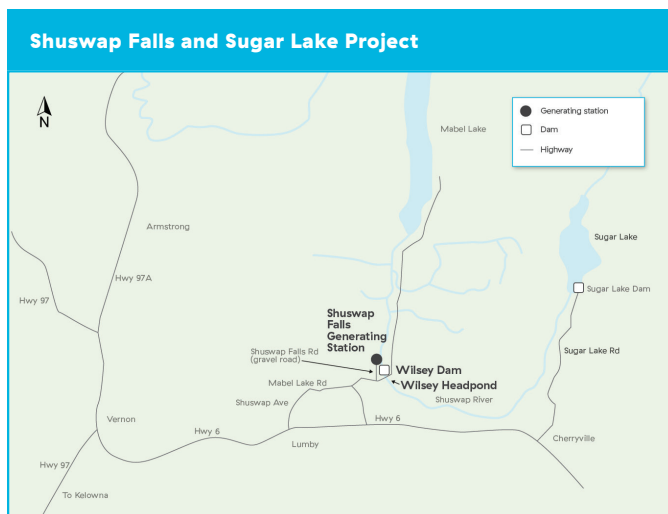
SHUSWAP FALLS:

- Located on the Shuswap River east of Vernon.
- Two of three licences at Shuswap Falls have expiry dates of December 31, 2018. The third licence doesn't have an expiry date. The licences being renewed authorize us to:
 - Store 165,000 cubic meters of water or 100% of the water in Wilsey Headpond.
 - Divert 9.9 cubic meters of water per second, or 32% of our currently authorized diversion, from Wilsey Headpond to Shuswap Falls Generating Station.
- We also applied for a permit over Crown Land for the areas where our facilities are located on Crown Land (i.e., in the area of Wilsey Dam, including the dam footprint and spillway).

Note: In January 2020 we asked that the renewal application be placed on hold while the Wilsey Dam Fish Passage Project proceeded. Additional information on the Wilsey Dam Fish Passage Project is available at: bchydro.com/energy-in-bc/projects/wilsey-fish-passage-project.html.

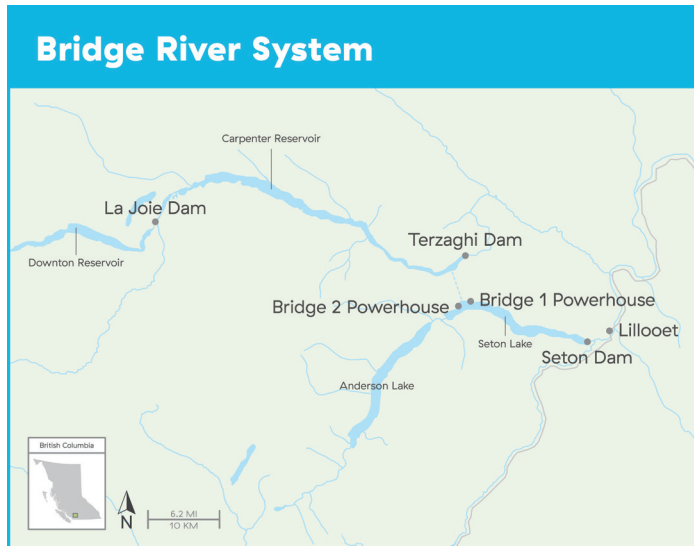
ALOUETTE:

- Part of the Alouette–Stave–Ruskin system located north of Maple Ridge and Mission.
- One of three licences has an expiry date of December 31, 2018. The other licences don't have expiry dates.
- The licence being renewed authorizes us to divert 8.5 cubic metres of water per second, or 30% of our licenced diversion, from Alouette Lake Reservoir to Stave Reservoir.



LA JOIE AND BRIDGE:

- Part of the Bridge River hydroelectric system located north of Pemberton and west of Lillooet.
- Four of 10 licences have expiry dates of April 1, 2019. Three expire in 2051 and three have no expiry date.
- We have applied to renew the licences with expiry dates in 2019 as well as the three licences with expiry dates in 2051



with the intent that all licences at La Joie and Bridge with renewal dates will have the same licence term moving forward.

- The licences being renewed at La Joie authorize us to:
 - Store 705.55 million cubic metres of water or 100% of the water in Downton Lake Reservoir to support generation at La Joie Generating Station.
 - Divert water from Downton Reservoir to La Joie Generating Station at a maximum rate of 2.5 cubic metres per second or 4% of the allowable diversion.
- The licences being renewed at Bridge authorize us to:
 - Store 20.0 million cubic metres of water, or 2% of total storage, at Carpenter Lake Reservoir to support generation at the Bridge generating stations.
 - Divert water from Carpenter Lake Reservoir at maximum rates of 42.5, 18.3 and 2.7 cubic metres per second, or 100% of the total diversion, for generation at Bridge 1 Generating Station.
 - Divert water from Carpenter Lake Reservoir at a rate of 10 cubic metres per second, or 10% of total diversion for generation at Bridge 2 Generating Station.

WATER LICENCE RENEWAL APPLICATIONS

We submitted a Renewal Application, including a Water Development Plan and the online application forms, for Shuswap Falls in December 2017 (now paused, as noted above), Alouette in September 2018 and La Joie and Bridge in November 2018. Each Renewal Application includes information about BC Hydro operations and each licence being renewed.

We are consulting and engaging with First Nations with an interest in the licences being renewed, regulatory agencies, and others who may be directly affected by the renewals (i.e., authorization and change approval holders and applicants, riparian or land owners whose land is likely to be physically affected if the renewal is granted).

After we complete our consultation and engagement and submit any additional information requested by the Comptroller of Water Rights, the Renewal Application will be considered final and the Comptroller will initiate a referral and review process related to the licences at that facility. The Comptroller of Water Rights is responsible for making decisions about our applications after completing this review.

Additional information on the review process is available on the B.C. Government's Water Licenses and Approvals site at gov.bc.ca/gov/content/environment/air-land-water/water/water-licensing-rights.

WATER USE PLAN ORDER REVIEW

We have also started Water Use Plan Order Reviews to review actions taken to fulfill the Order requirements issued by the Comptroller after the completion of the Water Use Plans for Alouette and Shuswap. The Order Reviews are a separate project and process. Note: The Water Use Plan Order Review for Shuswap started in February 2019 and was paused while the Wilsey Dam Fish Passage Project proceeds. Additional information on the Wilsey Dam Fish Passage Project is available at: bchydro.com/energy-in-bc/projects/wilsey-fish-passage-project.html. Additional information on the Order Reviews is available at bchydro.com/wupor.

FOR MORE INFORMATION

More detailed information on the water licence renewals being pursued at each facility is available at bchydro.com/waterlicenser renewal.

If you have any questions or comments, please contact us at either projects@bchydro.com or 1 866 647 3334. We look forward to hearing from you.