

TRANSMISSION PLANNING

Transmission planning process

A reliable and efficient electrical transmission system is the backbone of the B.C. economy, and timely investment in this critical infrastructure is essential to maintaining access to our quality of life.

BC Hydro's transmission planning process will include the following activities:

- Long Term Integrated Resource Planning
 - results in a 20 year plan that describes how BC Hydro proposes to meet future demand for electricity through energy conservation and generation resources. It also includes an assessment of transmission requirements looking 30 years out.
- Transmission Capital Planning
 - identifies transmission system requirements over both a long term and short term time horizon. From this planning, projects that meet BC Hydro's needs are defined, capital funding investments are justified, and ultimately required reinforcements to the transmission system are built
- Inter-Regional Planning
 - planning efforts performed between BC Hydro and other transmission owners/providers that have an interest in transmission development undertaken involving B.C.

Transmission planning will be undertaken in a manner that supports open and non-discriminatory access to the transmission system, as per Attachment K [PDF, 604 KB] of BC Hydro's Open Access Transmission Tariff.

BC Hydro Transmission Planning

Final Business Practices – Attachment K Open Access Transmission Tariff – Transmission Planning [PDF, 525 KB]

- Purpose and Description of Planning Process (see Final Business Practices)
- Description of Attachment K Requirements (see Final Business Practices)
- Transmission Planning Principles (see Final Business Practices)

Other Planning Processes

Western Electricity Coordinating Council (WECC)

BC Hydro is a member of the Western Electricity Coordinating Council (WECC). This is a non-profit corporation that exists to assure a reliable bulk electric system in the geographic area known as the Western Interconnection. WECC's service territory extends from Canada, through the United States, to Mexico and includes British Columbia and Alberta.

British Columbia Coordinated Planning Group (BCCPG)

BC Hydro is a member of the British Columbia Coordinated Planning Group (BCCPG). This group enables the coordination of transmission planning activities with the aim of ensuring a high degree of reliability of the electric system.

Contact us

If you want to be added to the Interested Parties mailing list or if you have questions, contact us by:

Toll free: 1 877 528 8359

Email