

2025 Integrated Resource Plan

Overview for the Columbia Basin Regional Advisory Committee

May 14, 2026



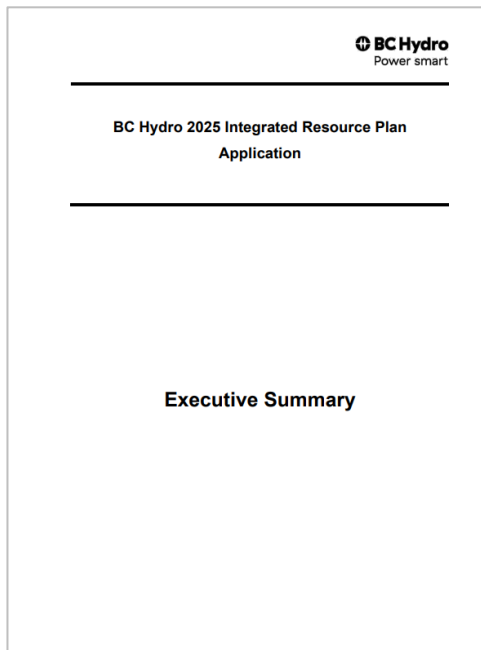
The Integrated Resource Plan covers BC Hydro's integrated system



What is an Integrated Resource Plan (IRP)?

An IRP is a guidebook for the what, when and how of meeting customers' evolving electricity needs

Looks out
20+ years and
is updated on a
regular basis



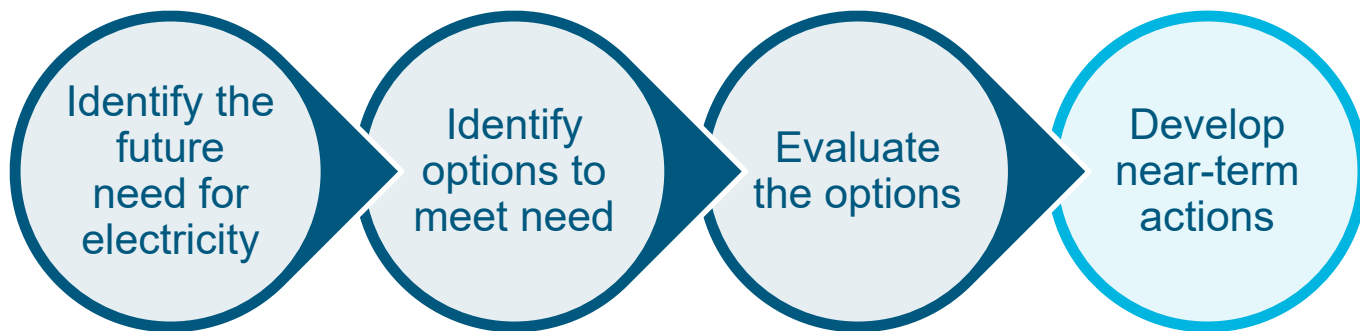
2025 IRP filed with
the BC Utilities
Commission
October 31, 2025

Aligns with
legislation and
policy such as the
Clean Energy Act



The development of an IRP

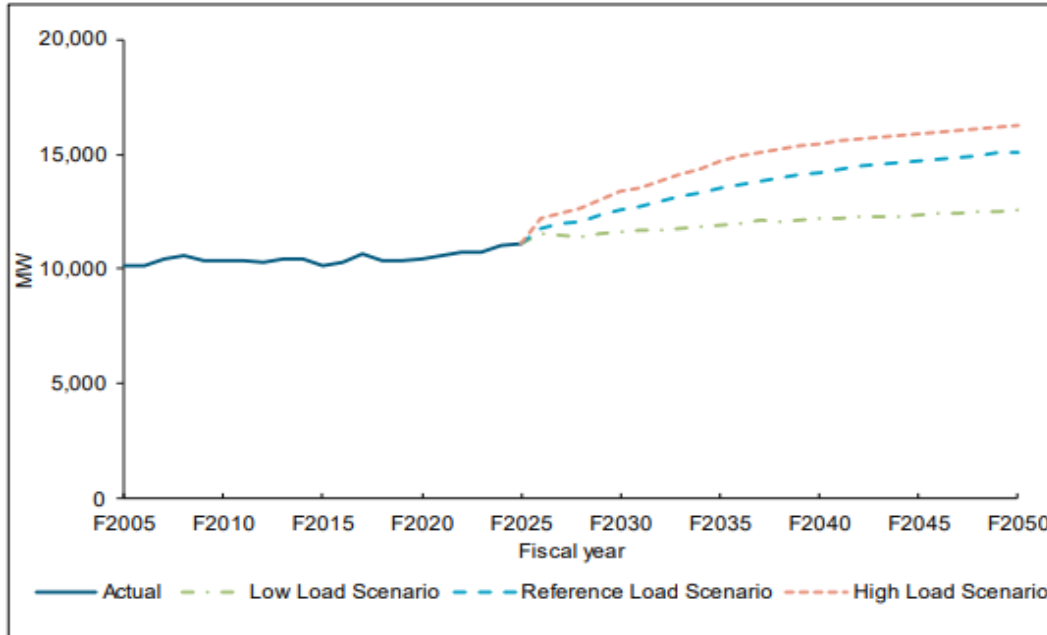
The Near-term Actions are the essence of the Plan



Consultation and engagement

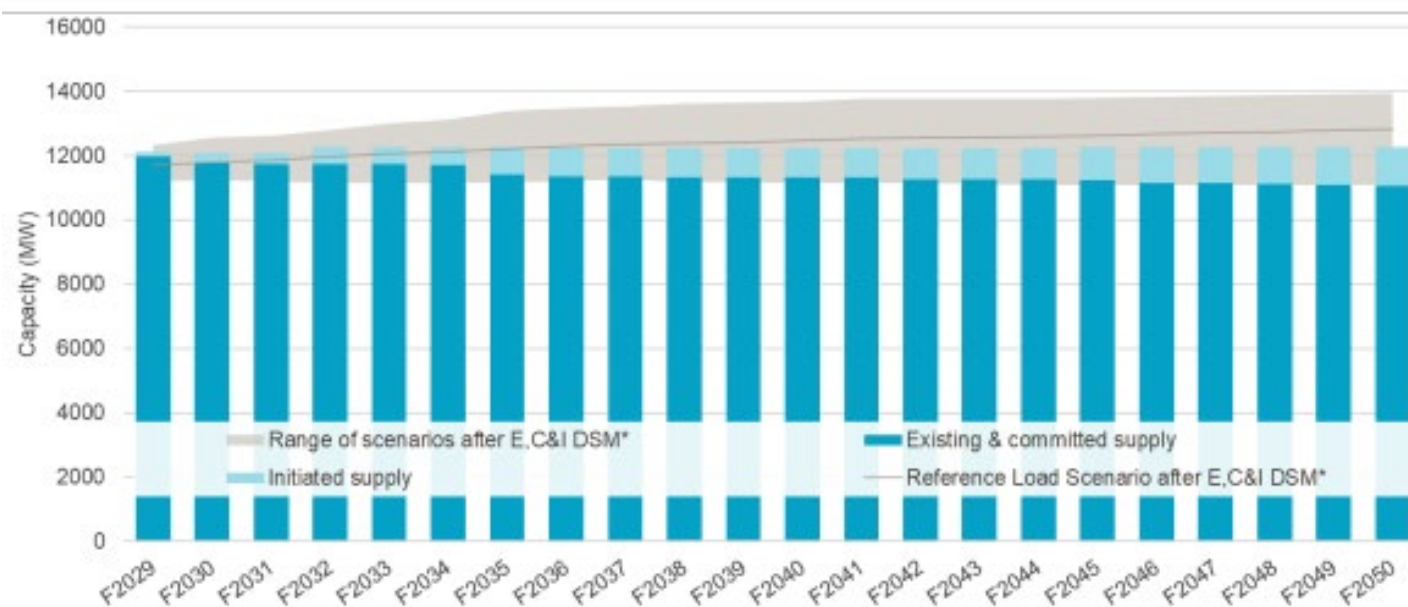
Load scenarios

We use a range of forecasts that account for uncertainty



Total Integrated System Peak Demand Before DSM

2025 IRP Load Resource Balance before 2025 IRP Planned Resources – Capacity



*E,C&I DSM stands for existing, committed & initiated demand-side measures

Resource options

Includes demand-side measures, generation options and transmission



Wind



Solar



Transmission



Demand-side
measures



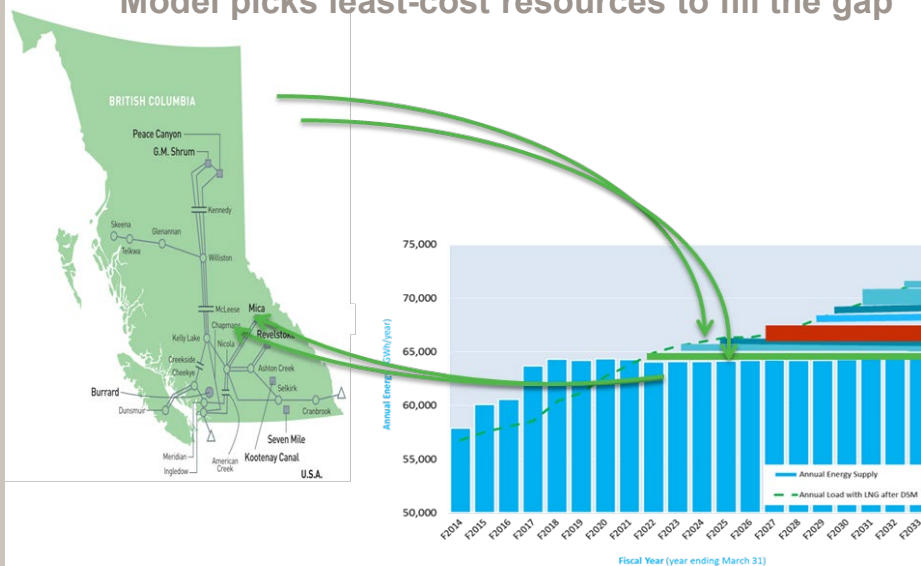
Resource
Smart

Evaluate options

Considers multiple objectives

USING COMPUTER MODELLING

Model picks least-cost resources to fill the gap

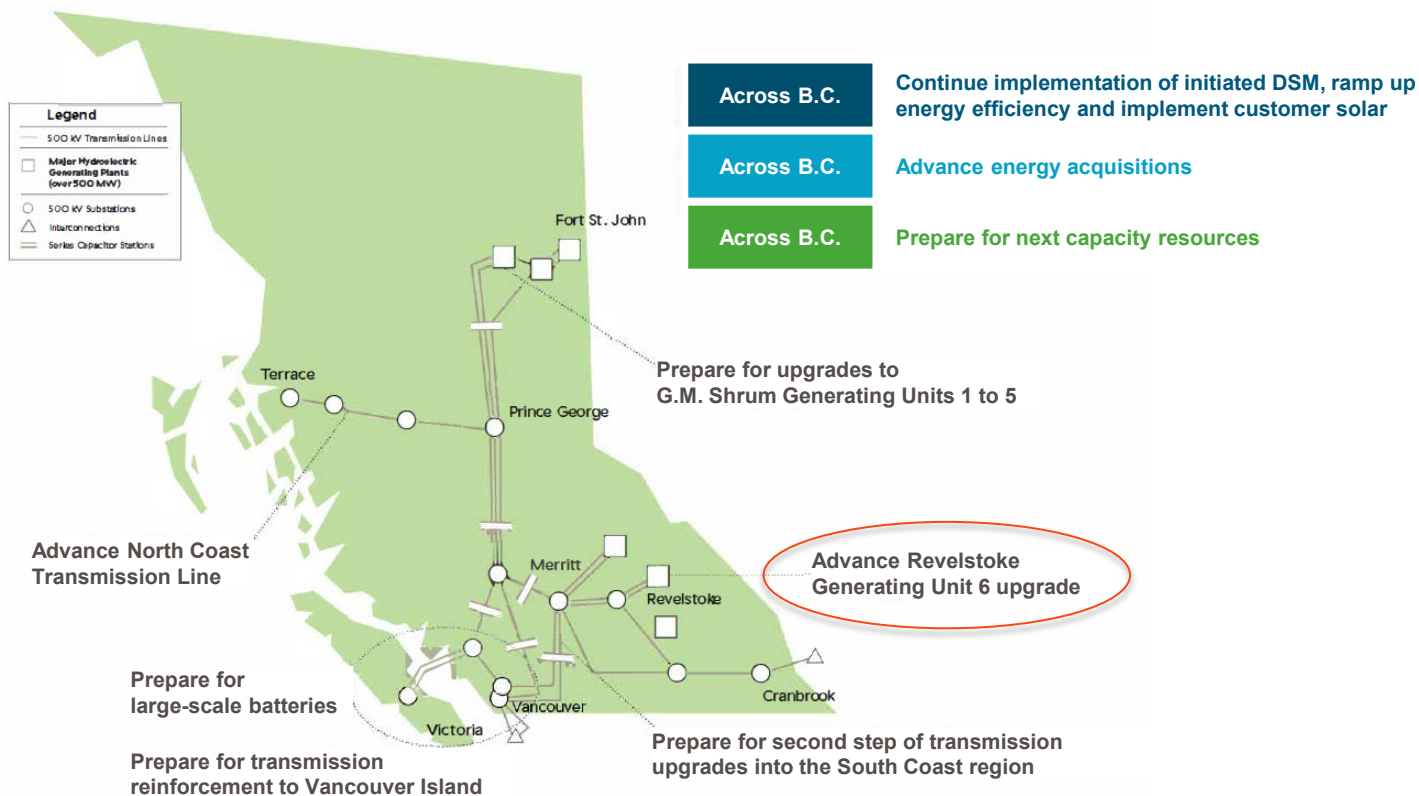


PLANNING CRITERIA:

- ✓ Keep costs low for customers
- ✓ Limit land and water impacts
- ✓ Reduce greenhouse gas emissions
- ✓ Support growth of B.C.'s economy

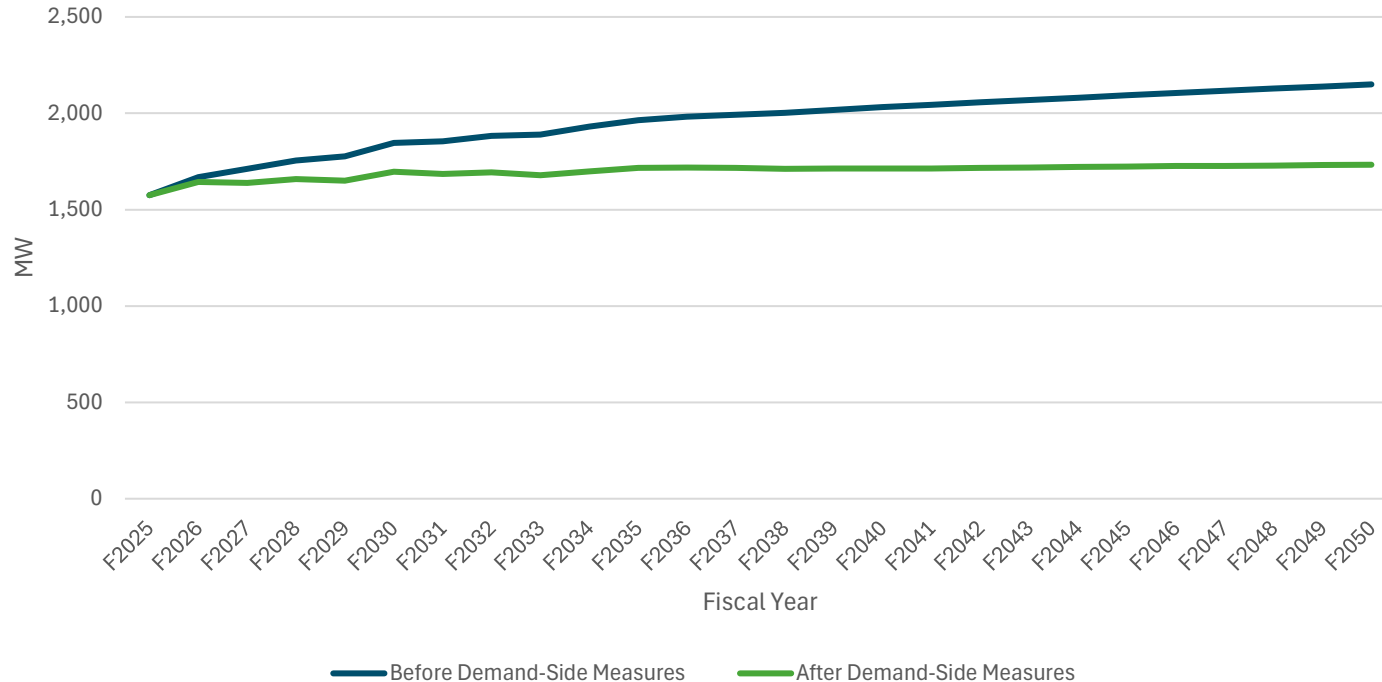
The 2025 IRP at a glance

Near-Term Actions



Load forecast: South Interior

BC Hydro Southern Interior Region System Coincident Peak Demand
February 2026 Reference Load Forecast



Emerging issue: AI and Data Centres

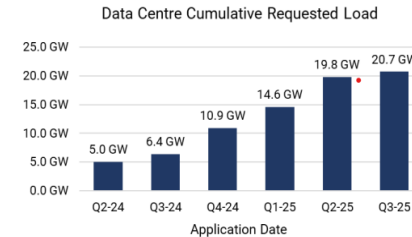
How will BC Hydro meet this new load?

- North America is experiencing a massive surge in data centre power demand
- The Province of BC and BC Hydro introduced the [2026 Call for Demand for Emerging Industries](#), a competitive process which will allow 400 megawatts of new data centre and AI load to enter the interconnection queue over the next two years
- Process opened in January 2026
- Successful applicants are expected to be notified in September 2026
- Load curtailment provision required

Continued Data Centre Interest in Alberta

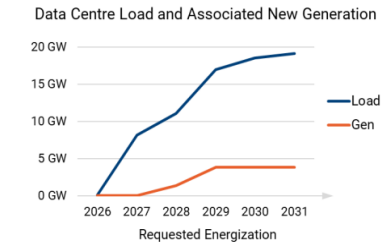
Data centres continue to apply

New and significant requests for connection continue to arrive, with over 20,000 MW of data centre load now on the AESO project list.



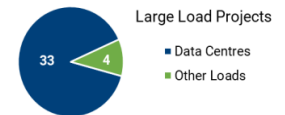
Load is outpacing generation

Data centres continue to request load service without matching generation, and new supply will be required to meet requested load growth.

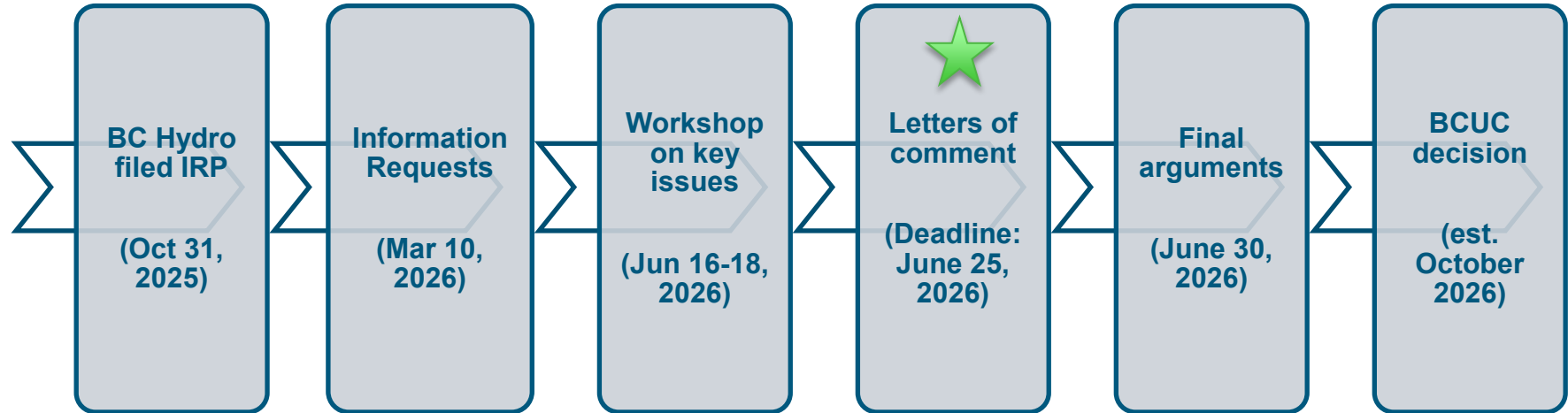


There are other large loads to consider

While data centres remain the dominant type of load project, there are other large loads requesting service that need to be accounted for in a long-term framework.



Overview: BCUC process and timeline



Next IRP (2028)

How to get involved

- Sign up for [email updates](#)
- Request to be added to our distribution list by emailing integrated.resource.plan@bchydro.com
- You'll receive updates on engagement opportunities for the next IRP



Questions



