



Planning for our energy future

OUR 2025 INTEGRATED RESOURCE PLAN

Our Integrated Resource Plan (IRP) is a repeatable process used to understand and prepare for our province's future energy needs.

Energy – how it's made, how it's delivered, and how it's used – is changing.

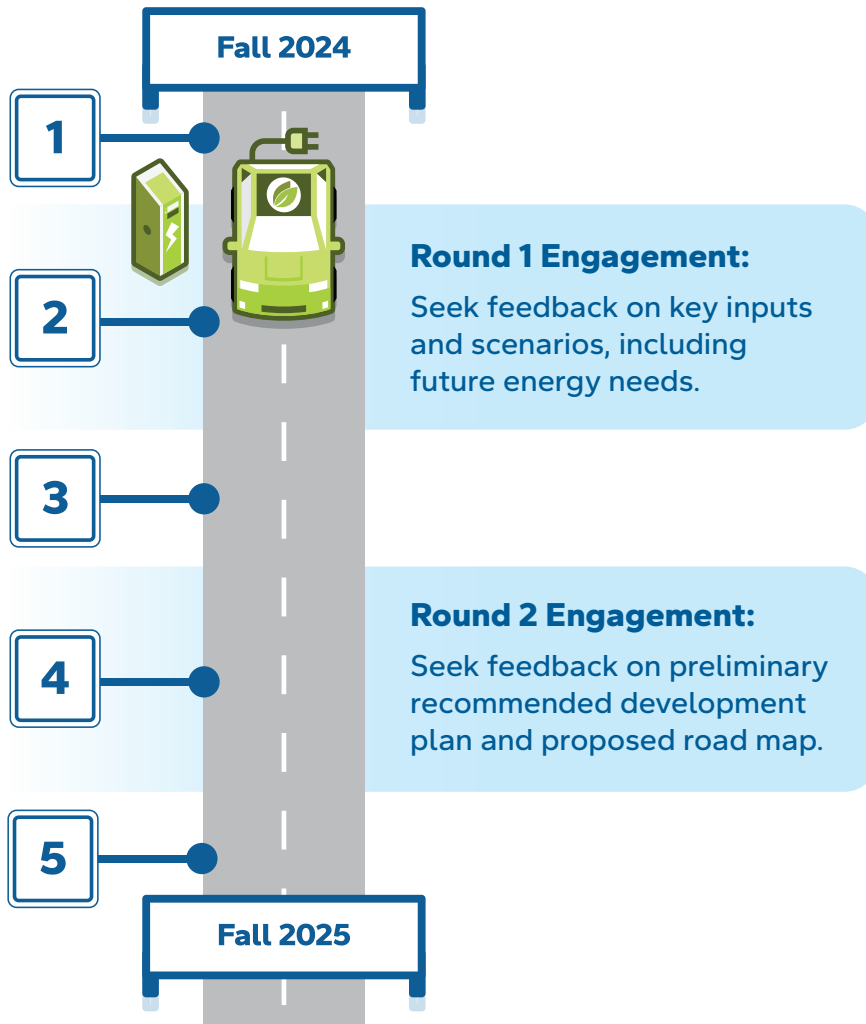
The energy transition is already in Manitoba. Electricity demand in our province is growing, and Manitoba Hydro's supply is limited. It will take time to build new sources of generation and implement programs to reduce consumption. Our 2025 IRP will result in a development plan to ensure a safe, reliable, supply of electricity and natural gas, and leverage the opportunities presented by the energy transition.

OUR DEVELOPMENT PROCESS

Our 2025 IRP process will use the following steps and include input from customers, interested parties, and the Manitoba energy planning community.

- 1 Setting direction.** We set the direction of the 2025 IRP by identifying its purpose and what to include. This helps everyone understand what to expect.
- 2 Develop key inputs and scenarios.** We gather information and data from a wide variety of sources to outline key inputs and develop scenarios used in the IRP. We also establish the evaluation metrics in this phase before we start our modelling and analysis.
 - **Key inputs** include load projections and resource options strategies. They have significant uncertainty and impact on the analysis. Planning assumptions that vary by scenario are included in these key inputs.
 - **Scenarios** represent an energy future. They are a likely combination of a specific load projection and resource option strategy.
 - **Evaluation metrics** are established to be applied to the modelling and analysis outputs.
- 3 Modelling, analysis and evaluations.** Our experts use specialized computer models to test how Manitoba Hydro may serve future energy needs in the various scenarios. These modeling and analysis outputs let us know what may be needed for building new generation, managing peak demand, creating programs to reduce consumption, and delivering energy to our customers. We will compare and evaluate the modelling and analysis outputs to see how they align with Manitobans' energy needs.

- 4 Preliminary recommendation.** From the evaluation of the modelling and analysis, we'll draft a preliminary recommended development plan for meeting the needs of our customers for years to come. We will share and seek feedback on this draft plan and proposed road map outlining what actions are needed now to prepare for the energy future.
- 5 Finalize the Integrated Resource Plan.** After reviewing feedback, we'll finalize the recommended development plan and road map, and publish the IRP in Fall 2025.



Manitoba Hydro can't take these steps alone. We are continuing to work together with Manitobans and the energy planning community to navigate the energy transition, with opportunities to provide feedback at various stages throughout the development of our 2025 IRP.

Curious about the energy future, the factors influencing the energy transition, or Manitoba Hydro's Integrated Resource Plan? Visit hydro.mb.ca/future to learn more and to subscribe to our mailing list to follow along for updates and to share your feedback as we develop the 2025 IRP.



Let's talk about our energy future.

Hearing from you helps us better understand your changing needs and priorities.

hydro.mb.ca/future

 **Manitoba
Hydro**
energy for life