

Integrated Resource Plan (IRP)



Key information at a glance

Purpose of the 2025 Integrated Resource Plan (IRP)

- The IRP is a 10 year planning document with the goal of a net-zero economy by 2050.
- The IRP outlines how Manitoba's future energy needs will be met.
- Manitoba Hydro's 2025 IRP presents a strategic roadmap for guiding the province's energy transition.

As Manitoba Hydro is responsible for providing safe and reliable energy to Manitobans, they developed the 2025 IRP through a five-step process toward a net-zero economy:



Current Manitoba Energy Sources

- Around **97%** of Manitoba's electricity is generated from **hydropower dams**.
- Others are generated from natural gas and wind farms.
- Currently, Manitoba Hydro generates a total of 6,074 MW.

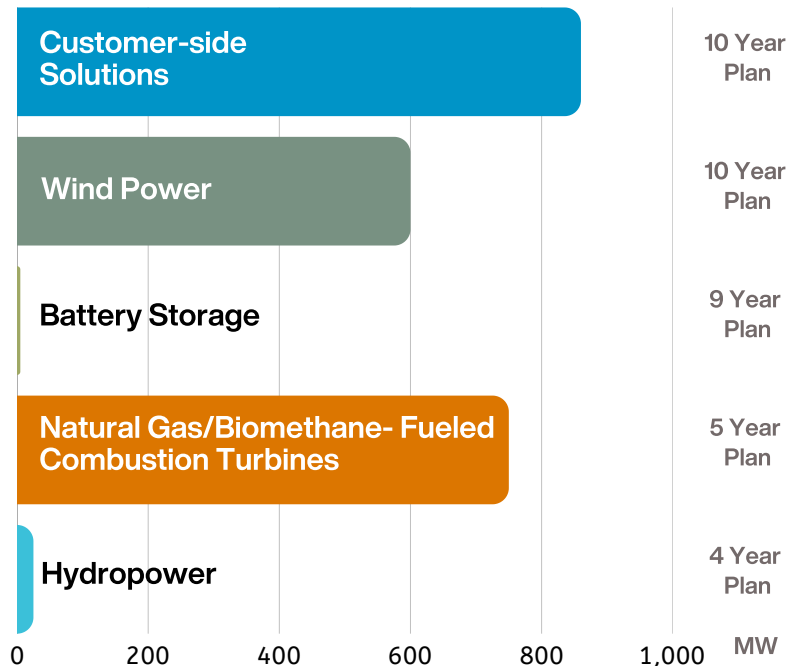
Manitoba Hydro's IRP

It is a 10 year plan to add about 1,760 MW of accredited capacity, increasing total capacity from 6,200 MW to about 7,200 MW.

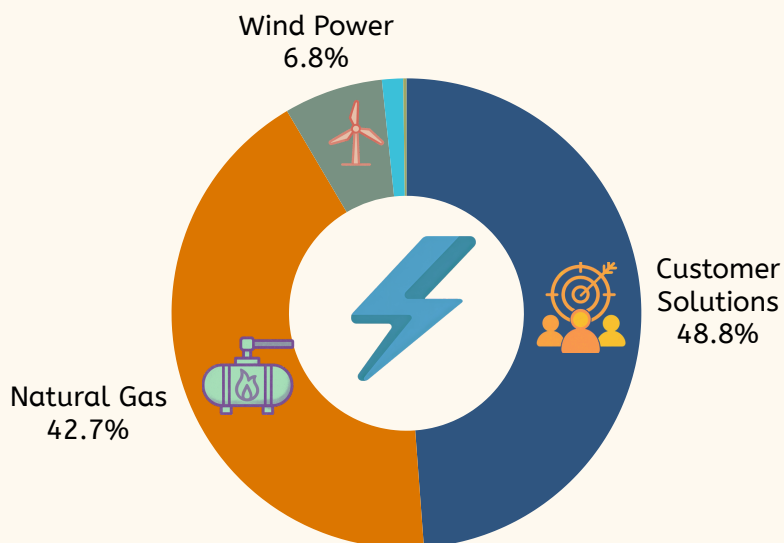
The plan aims to support Manitoba energy transition meeting net-zero electricity goals by 2035 and contributing to a net-zero economy by 2050.

** Manitoba Hydro has also developed an alternative development plan as the second best option. This alternative was not selected as the recommended plan has a stronger alignment with Manitoba's Affordable Energy Plan.*

Recommended Plan in the 2025 IRP



What is Manitoba Hydro's recommended energy plan?



Why is it important for us?

- Manitoba Hydro's IRP is a 10 year plan with the goal of a **net-zero economy by 2050**.
- Manitoba Hydro's IRP includes plans that can **affect our electricity bill, our environment, and economy** that will shape our future for many years.

Customer-side Solutions

- Account for nearly 50 percent of the forecasted energy needs.
- Energy efficiency plans will reduce electricity demand by 860 MW, aligning with Manitoba's Affordable Energy Plan.
- Key strategies include improved home insulation, support for ground source heat pumps, thermal energy storage, and tailored solutions for industrial clients.

Wind Power

(6.8% of the energy plan)

Manitoba Hydro plans to buy wind power from Indigenous majority-owned sources.



Natural Gas/Biomethane- Fueled Combustion Turbines

- Adding a major new generating facility with three new simple cycle combustion turbines at the Brandon Generating Station that will provide approximately 750 MW of capacity.
- Addressing environmental risks of the combustion turbines by considering carbon offsets and credits.

Hydropower

(1.4% of the energy plan)

The plan recommends upgrades of existing hydropower facilities



Battery Storage

(0.2% of the energy plan)

This pilot project suggests using battery storage as a flexible resource.



Shortcomings in the 2025 IRP

1 Lack of Engagement with First Nations

- **Indigenous communities, especially hydro-impacted First Nations, have largely been excluded** from participating in this process (less than 5% of Manitoba Hydro's survey responses self-identified as Indigenous).
- There is a lack of efforts to include **isolated communities (including northern Manitoba) and at the grassroots level**.
- **Customer side solutions**, mostly through Efficiency Manitoba, largely **exclude northern Indigenous communities**.
- **Current public engagement efforts remain at the level of "informing,"** and to some degree "consultation," rather than moving toward meaningful **collaboration or empowerment**.

2 Did Not Properly Address Potential Risks

- The IRP is largely urban/technology-centred, and thus **underestimate future uncertainty and climate related risk**.
- The IRP has a clear **contradiction between increasing reliance on natural gas** and claims that the IRP is advancing **toward net-zero goals**.
- Such oversights reflect **economic, technological, and political risks**.

3 Overlooked Other Opportunities/Alternatives

- **Many other Indigenous led and owned opportunities** have been overlooked in part because of **the shortcomings in public engagement**.
- Those opportunities would include not being restricted to solar farms, geothermal, and micro dams as well as cross-community networked diesel generators

What Can We Do?

Manitoba Hydro claims it consulted the public and Indigenous communities in developing its IRP, but detailed information about this input is not shared, prompting us to gather our own to ensure all voices are represented.

We encourage YOU to participate in an interview or or Present your ideas and concerns to the Public Utility Board (PUB) and hold Manitoba Hydro accountable for the social, environmental, and economic impacts of its decisions.

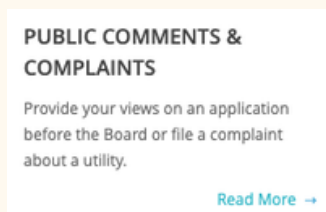
Express your Views to the Public Utility Board

- **If you would like to comment in writing on this review, please go to www.pubmanitoba.ca and provide your written comment.**

Step by Step Guide



PUB Website



Public
Comments



Select
"Share my
views"
&
"Manitoba
Hydro"



Enter
your
details
&
Submit

Present your ideas and concerns to the Public Utility Board

- **Prepare a 10-minute formal presentation (virtual or in-person) to the Public Utilities Board on this matter.**

You can submit an application to become an approved Presenter using the application form linked on the PUB website (www.pubmanitoba.ca) by **June 18, 2026**.

If you want to find out more about the IRP or have any questions, please contact: eclinfo@umanitoba.ca