



# Integrated Resource Planning (IRP)

Fall 2024 Newsletter



## Let's start with the basics!

**What is integrated resource planning (IRP)?** It's a comprehensive approach to energy planning that focuses on exploring alternative solutions to meet customer demand that could be used to defer or avoid implementing a traditional pipe project to meet a system need. This approach is a cost-effective, safe and reliable way to address increasing energy requirements.

**Why is it so important?** Ontario's population is expected to grow by nearly 5.3 million people over the next 27 years. To keep up with energy demands, we're planning now to ensure the natural gas system supporting Ontario homes and businesses can meet long-term energy needs both affordably and sustainably.

**What are alternative solutions?** Non-pipeline alternatives can include:

| Demand side alternatives:                                                                                                                                                                            | Supply side alternatives:                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>Lowering or shifting energy use through energy efficiency programs such as Enhanced Targeted Energy Efficiency programs or Demand Response programs.</li></ul> | <ul style="list-style-type: none"><li>Delivering more energy without adding new pipeline using compressed natural gas or liquified natural gas.</li><li>Adding supply through upstream deliveries.</li></ul> |

Alternatives can be implemented individually or in combination to meet the cost-effective needs of the system and within the required timeframe.

To get the latest update on IRP and stakeholder events, join our mailing list. **Our Fall Regional Webinar registration opens Monday, Nov. 4.**

**Not sure what region you are in?** You can click this [link](#) to see a map of all the regions.



|                                     |                   |              |                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------|-------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Toronto, GTA East & GTA West region | Monday, Nov. 25   | 10 – 11 a.m. | This webinar will provide you with an overview of what integrated resource planning (IRP) is, our system planning process, the stakeholder engagement process and the latest on our pilot project. This webinar is an important step in our engagement process, and your participation can help shape IRP activities in your region. |
| Northern & Eastern region           | Tuesday, Nov. 26  | 10 – 11 a.m. |                                                                                                                                                                                                                                                                                                                                      |
| Southeast & Southwest region        | Thursday, Nov. 28 | 1 – 2 p.m.   |                                                                                                                                                                                                                                                                                                                                      |

## IRP pilot projects



Enbridge Gas has developed the Southern Lake Huron Pilot Project to test IRP alternatives in the City of Sarnia and Village of Point Edward communities.

The project is planned to include enhanced residential and commercial/industrial energy efficiency offerings, a residential demand response offering, and will use the advanced meter reading technology in place. This will reduce costs and leverage existing infrastructure to study the impact of these programs.

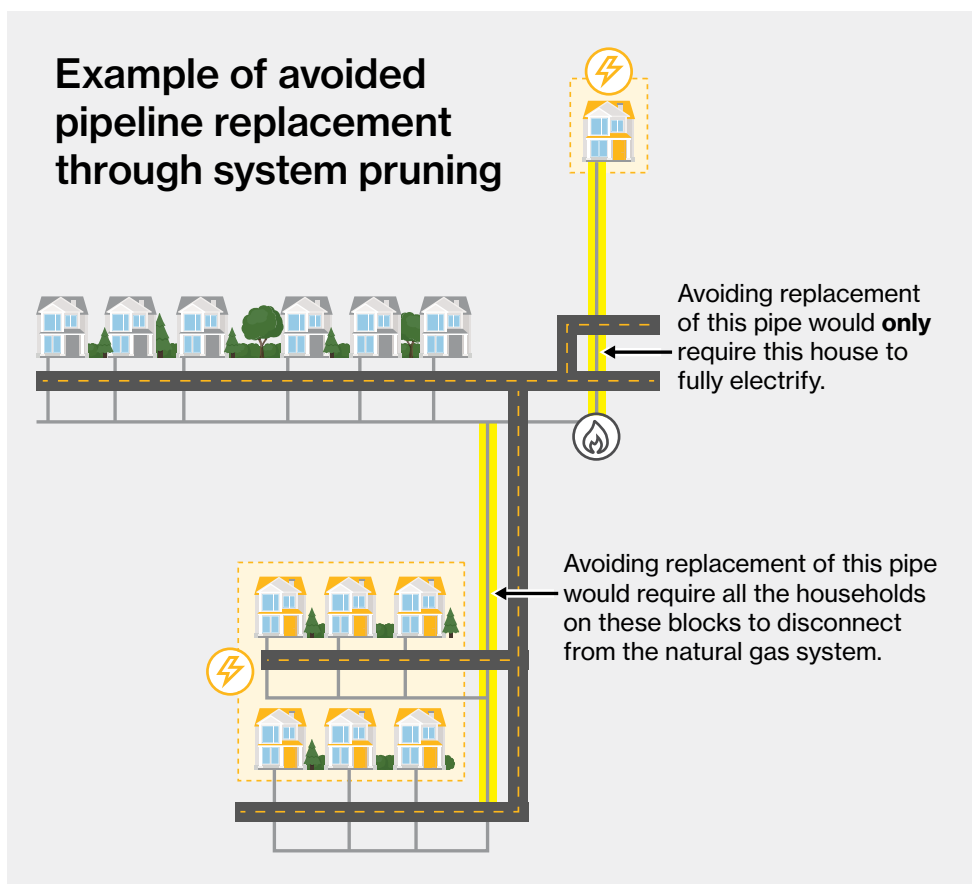
We submitted our evidence for the Pilot Project to the Ontario Energy Board and following a decision we plan to launch the Pilot Project in 2025.

## What's new?

In the 2024 Enbridge Gas rebasing application decision the OEB positioned system pruning as a potential IRP approach. System pruning involves the decommissioning of a portion of the natural gas system that is no longer required to serve the needs of energy users. For this to occur, all customers served by that pipeline system must fully convert off natural gas and be willing to disconnect from the pipeline system. System pruning can be supported by an IRP solution, including supporting existing customers in replacing their natural gas equipment with electric equipment.

Enbridge Gas confirmed it is committed to working with the IRP Technical Working Group and other relevant stakeholders to consult on system pruning processes and what role we could play in a system pruning pilot.

## Example of avoided pipeline replacement through system pruning



## Contact us



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