

Southern Lake Huron IRP Pilot

Jan. 16, 2023



Pathways to net-zero emissions for Ontario

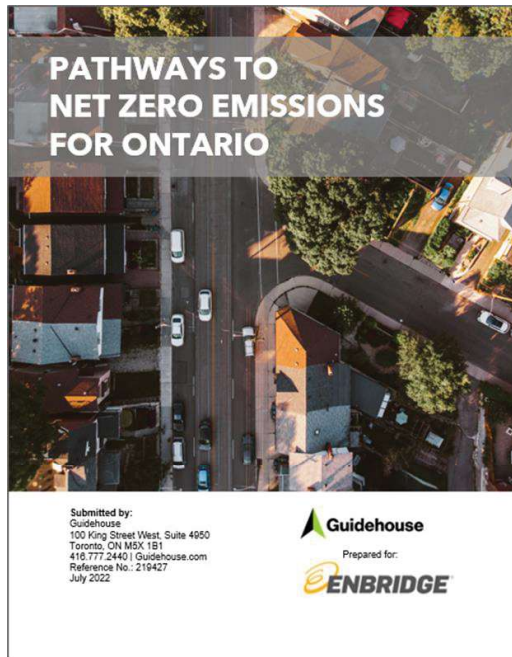
Report summary



Pathways to net zero

- Enbridge is committed to supporting the achievement of a clean energy future in Ontario.
 - Actively working on solutions to help meet Ontario's energy needs, while reducing emissions cost effectively.
 - Proactively engaged a consultant to evaluate energy system pathways to net zero.
- Approximately 30 percent of emissions in Ontario are from the use of natural gas.
- While Ontario is on track to meet its 2030 emission target of 30 percent below 2005 levels, achieving net zero requires more investment in renewables, lower emissions fuels and carbon capture.
- The gas distribution system in Ontario is a resource that can be leveraged to enable further GHG reductions beyond 2030, including net zero.

Pathways to net zero



- Enbridge commissioned a study to evaluate two energy system pathways to net zero; Diversified & Electrification.
- The study showed both pathways are expensive, and that a diversified pathway, with pipes and wires, is a more cost effective and reliable pathway to net zero.
- Regardless of the pathway chosen, there are “safe bet” actions that should be taken immediately for Ontario to reach net zero.
- This is further supported by studies conducted across North America and Europe.

