

# Consideration of Halton Hills Natural Gas Expansion Proposal

Submitted by The Atmospheric Fund

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ABOUT

# The Atmospheric Fund



TAF is a regional climate agency that invests in low-carbon solutions for the Greater Toronto and Hamilton Area and helps scale them up for broad implementation.



# 2022 Carbon Emissions Inventory: Halton Region



4.7 MtCO<sub>2</sub>eq  
Halton

- TAF publishes an annual carbon emissions inventory for the GTHA
- Last year, emissions in Halton increased 12.5%
- Emissions from electricity increased 28% due to increased use of natural gas generation

Source: <https://carbon.taf.ca/regions/halton>

# What are other Municipalities doing?

- Municipalities that have voted against gas plants:
  - City of Thorold
  - City of Toronto
  - City of Kingston
  - City of Brampton
  - Loyalist Township

# Forecasted ON Electricity Emissions, 2015-2040 (MtCO<sub>2</sub>eq)



Source: [IESO 2021 APO](#)

TAF recommends voting against new natural gas generation in Halton Hills because:



Evidence shows Ontario has reliable and more affordable options available



Opportunity to procure non-emitting resources will launch in 2024

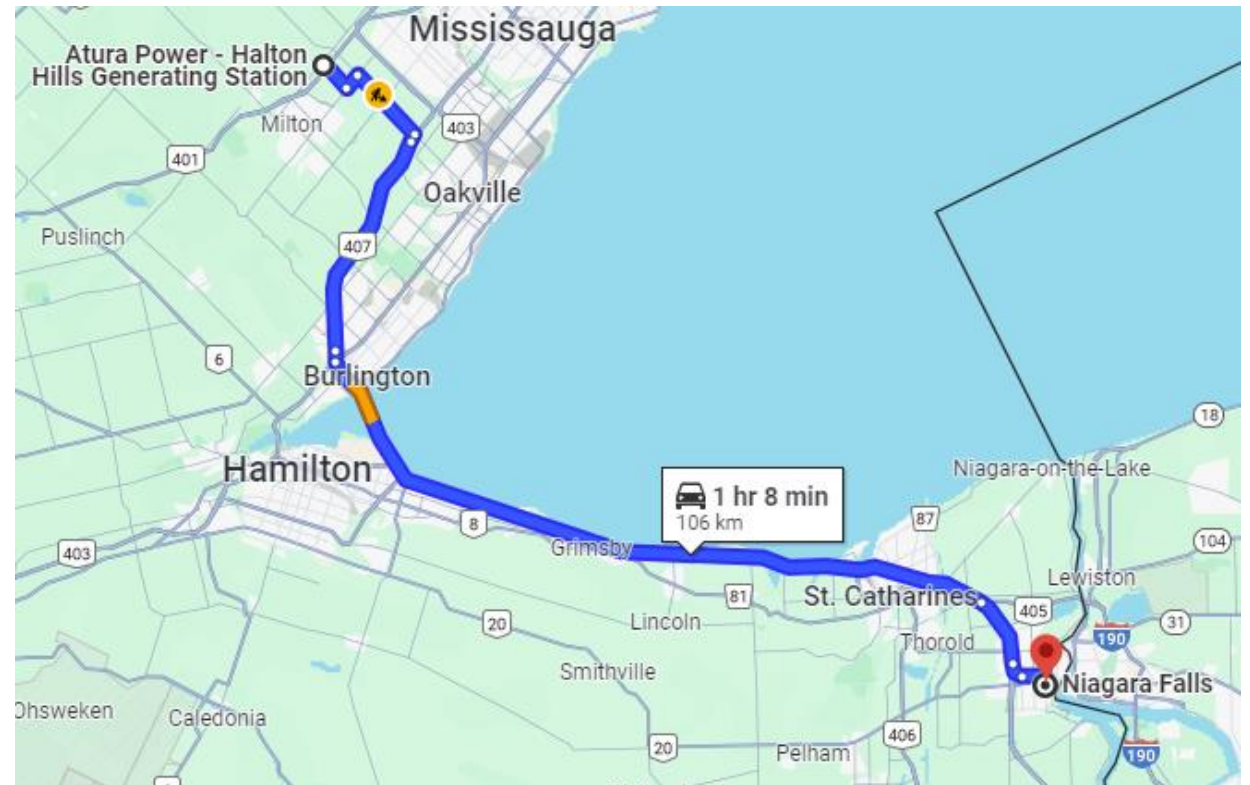


**Sources:**

- [Scenarios for a Net-Zero Electricity System in Ontario](#), Power Advisory
- [A Renewables Powerhouse](#), Clean Energy Canada

# Atura's plan to truck hydrogen

- The plan to transport hydrogen from Niagara Falls over 100km to Halton Hills introduces a significant environmental footprint.
- An environmental assessment is needed to evaluate impacts of any proposed hydrogen transportation and facility expansion.



# Impacts of trucking hydrogen are severe



- An estimated 1,440 explosive, heavy-duty rigs would be entering Halton Hills each year.
- These trucks will have impacts on road safety, noise and air pollution, and the local economy.
- Atura has not yet carried out a traffic impact analysis.



# Halton Hills Council: Say "no" to new gas

- ✓ Your lights will stay on.
- ✓ You have reliable and affordable options available and another opportunity during next year's Long Term procurement process.
- ✓ You will avoid leaving tax-payers and rate-payers financially on the hook for stranded assets.

# Thank you

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