

# Ontario's Growing Climate Crisis

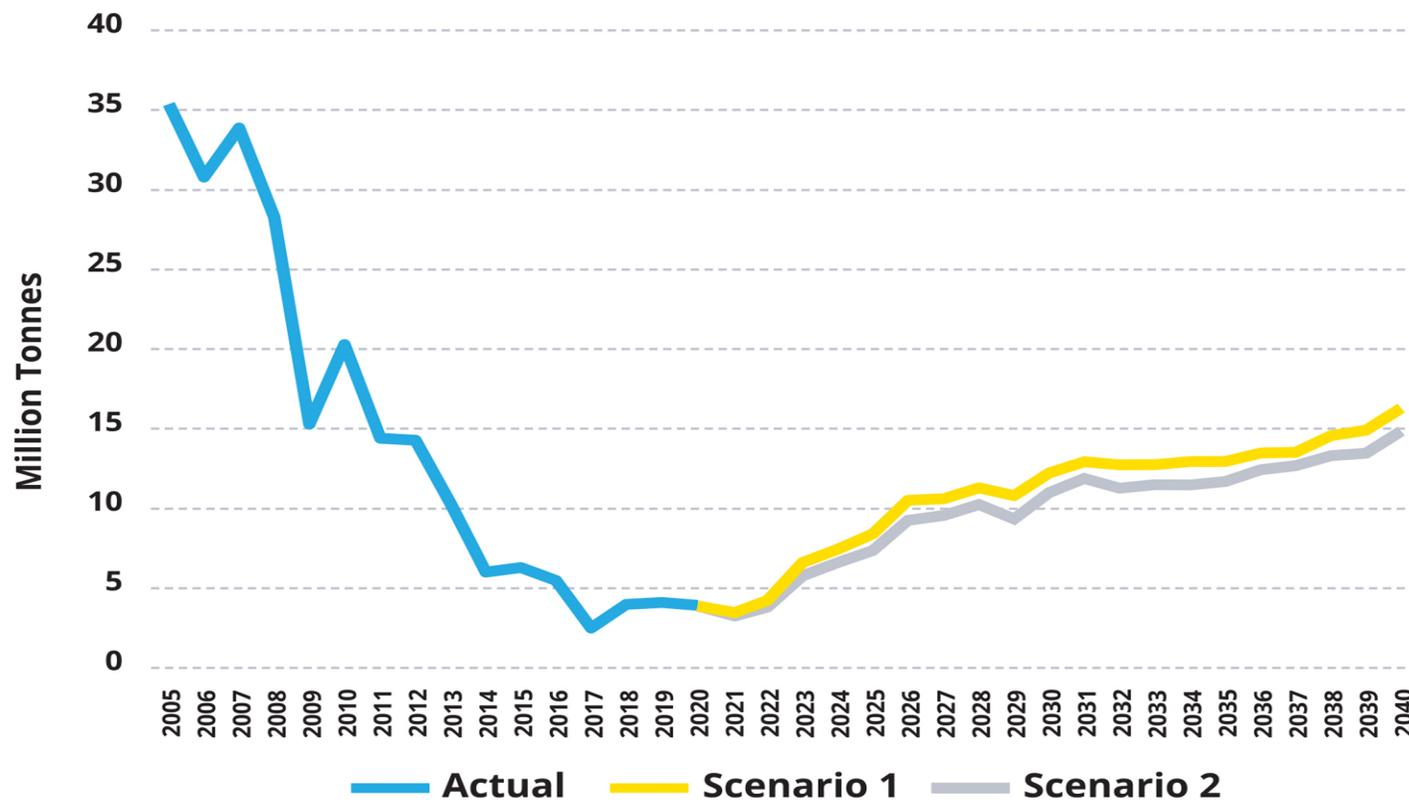
**Gas Plant Pollution  
to increase by more  
than 300%**



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# Ontario's rising emissions

Ontario's  
Historic  
and  
Forecast  
GHG  
Pollution  
from its  
Electric  
Power  
Plants



(IESO)

# What's behind these rising emissions?

- ▶ Ontario's demand for electricity will rise by about 1% per year.
- ▶ The Pickering Nuclear Station will close in 2025.
- ▶ Virtually all of our need for new electricity resources will be met by ramping up province's gas-fired power plants.



# Reaching Ontario's 2030 Climate Target

- ▶ According to Ontario's Auditor General, we need to implement measures that will reduce our greenhouse gas pollution by an additional 7.3 to 14 million tonnes per year to achieve our 2030 climate target.
- ▶ A phase-out of Ontario's gas plants would provide our province with all or virtually all of the incremental pollution reductions that it needs to achieve its 2030 climate target.

Historic and Forecast GHG Pollution and Electricity Generation from Ontario's Gas-Fired Power Plants

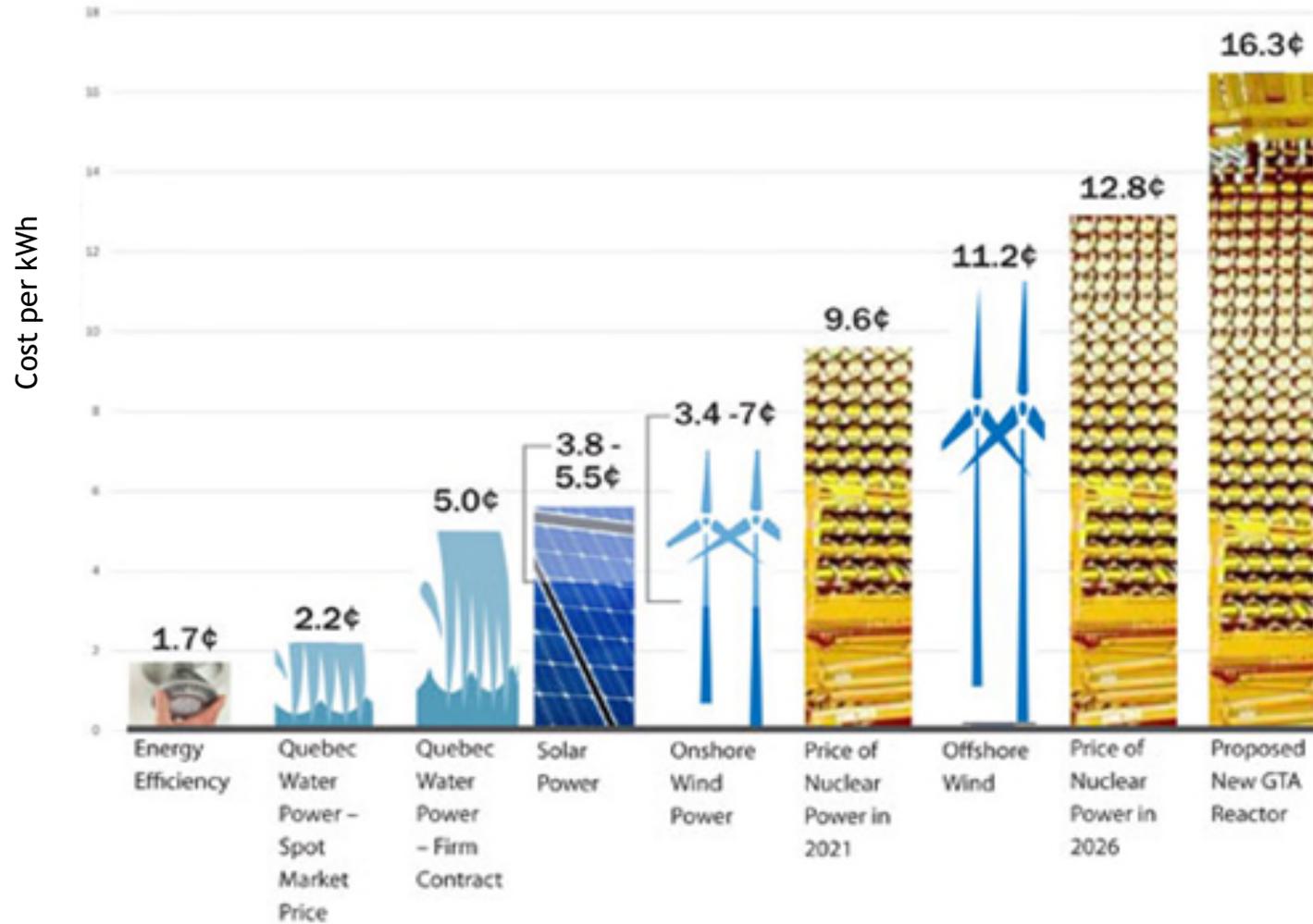
Year	2017	2018	2019	2020	2025	2030	2040
GHG Pollution (Million Tonnes)	2.5	4	4.1	4.2	7.3 - 8	10.9-12.2	15 - 16.3
Electricity Generation (billion kWh)	5.9	9.6	9.5	9.7	18.5 - 20.6	27.9 - 31.3	39.0 - 42.3

# How can we phase out Ontario's gas plants?

- ▶ Energy efficiency
- ▶ Quebec water power
- ▶ Wind and solar energy

- ▶ Distributed resources can create jobs in every community
- ▶ Quebec water power can back-up wind and solar energy

# Ontario Electricity Options: A Cost Comparison





# Phase out supporters

# Kitchener council calls on province to phase out gas-fired power production

Kitchener City Council voted unanimously on Monday to join Halton Hills in calling on the Government of Ontario to phase-out the province's gas-fired power plants by 2030.

about 10 hours ago By: [Casey Taylor](#)



*Lennox Power Station near Bath, Ontario, Canada. November 2010.*

## Municipal Leadership

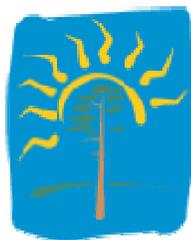


# Phasing-Out Ontario's Gas-Fired Power Plants:

A ROAD MAP



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**Let's get to work!**

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