

# Ontario's Growing Climate Crisis

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



ONTARIO  
CLEAN AIR  
ALLIANCE

# Ontario's rising emissions

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



(IESO)



## Enbridge's Proposed Hamilton Pipeline

- ▶ \$204 million pipeline to import fracked gas from Pennsylvania
- ▶ To facilitate ramp-up of Ontario gas plants
- ▶ To deliver fracked gas to New England
- ▶ Will raise rates of Ontario gas consumers by \$120 million

# 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 2024.
- ▶ 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

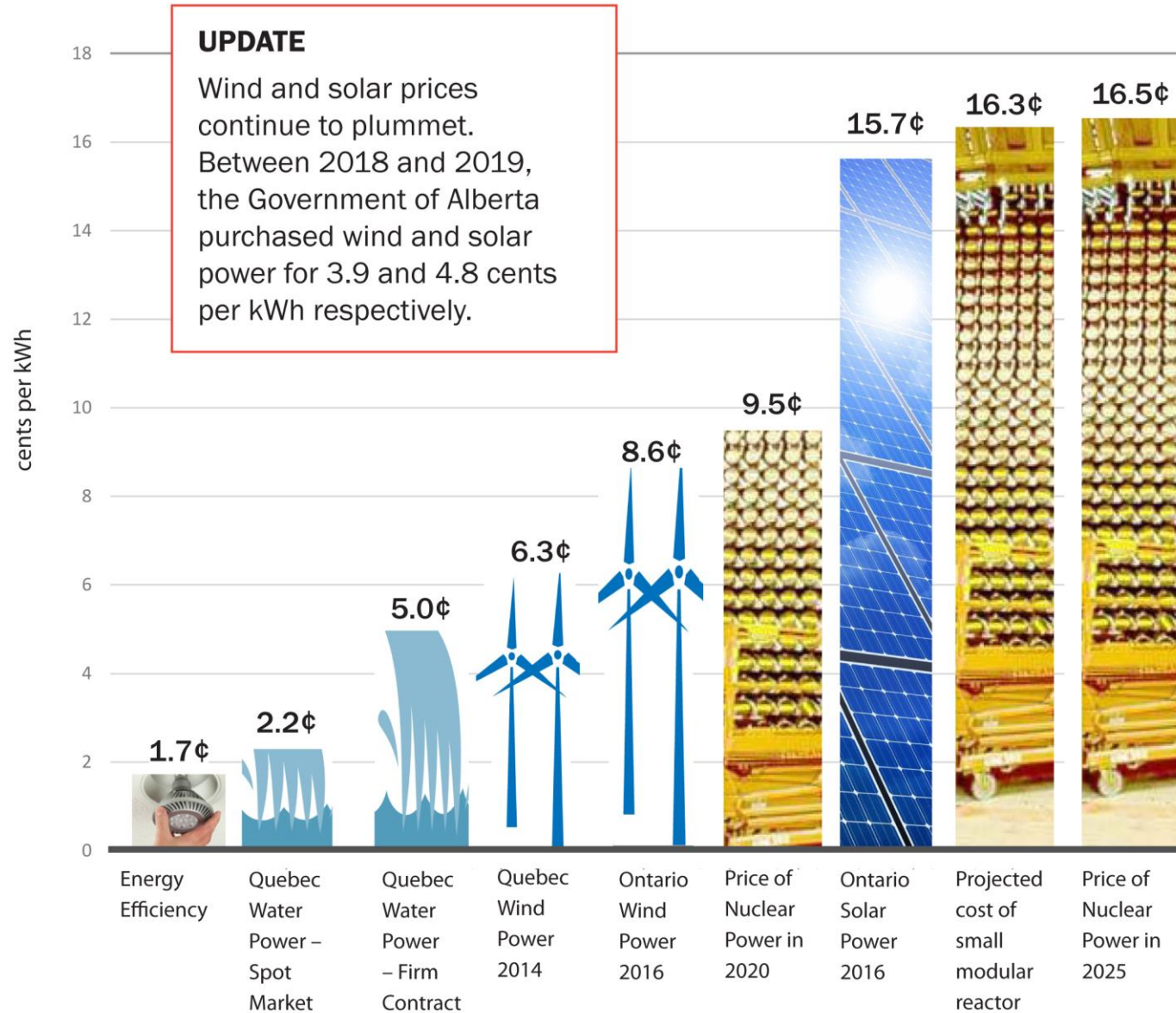
Year	2017	2018	2019	2020	2025	2030	2040
GHG Pollution (Million Tonnes)	2.5	4.0	4.1	5.4	10.7	11.0	14.2
Electricity Generation (Billion kWh)	5.9	9.6	9.5	13.6	28.0	28.6	37.0

# 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



Braden Homes



Canadian Environmental Law Association  
EQUITY. JUSTICE. HEALTH.



FONDATION DAVID SUZUKI  
Un monde. Une nature.



environmental defence

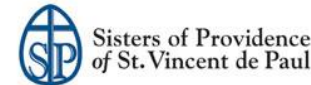


Hamilton 350 Committee  
for Action on Climate Change



leadnow.ca  
PEOPLE POWERED CHANGE

THE LEAP



TORONTO 350.org



# Municipal leadership needed





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

A ROAD MAP



ONTARIO  
CLEAN AIR  
ALLIANCE



ONTARIO  
CLEAN AIR  
ALLIANCE

# Let's get to work!

Jack Gibbons  
jack@cleanairalliance.org

Angela Bischoff  
angela@cleanairalliance.org

**CleanAirAlliance.org**  
**OntarioClimateAction.ca**