

Ontario Power Generation's (a.k.a, Atura Power) proposed new gas plants for Halton Hills & Napanee

By Jack Gibbons
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Ontario municipalities support the gas plant phase-out

- ▶ **Thirty-five** Ontario municipalities, representing almost 60% of the province's population, have passed resolutions calling for a gas power phase-out by 2030 or ASAP



Premier Ford's Gas Plan

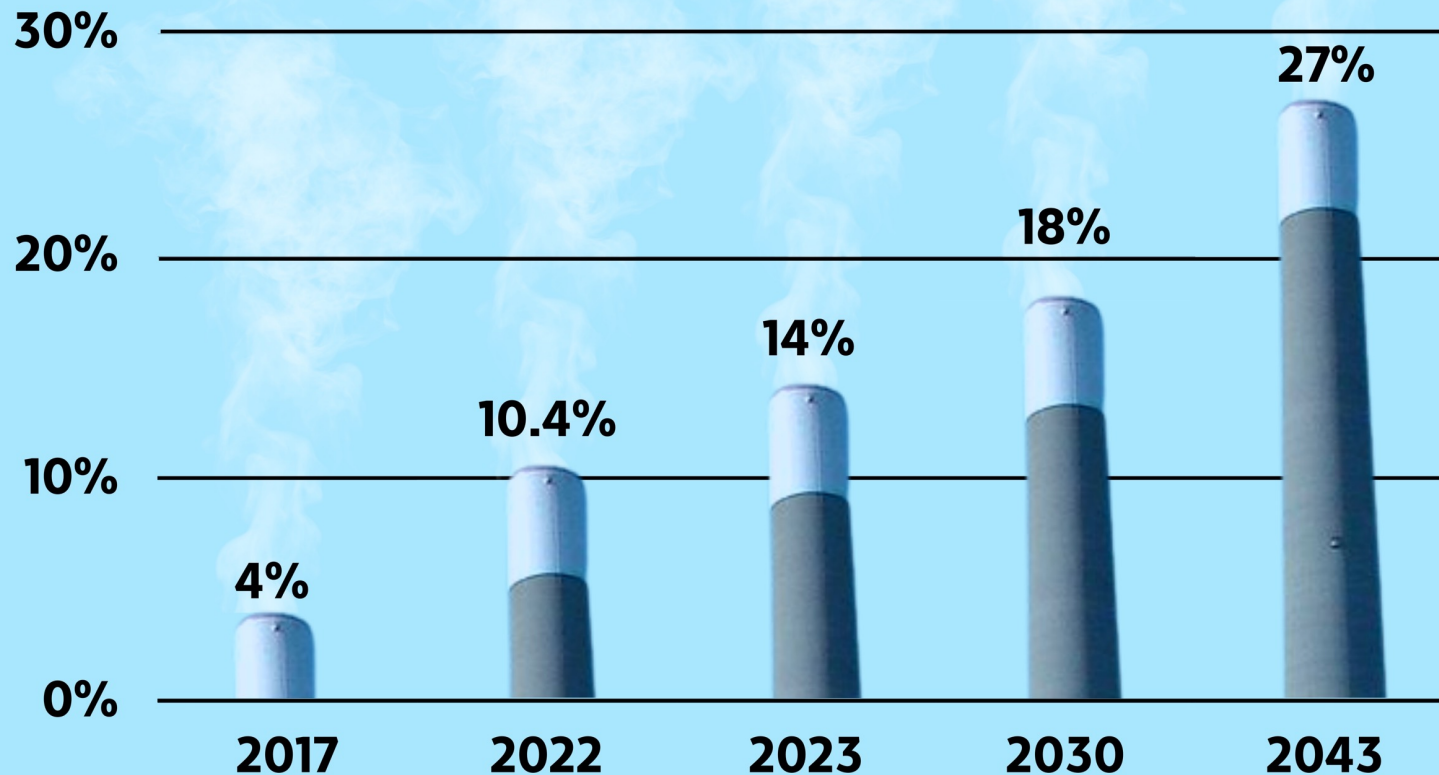
Premier Ford is now planning to:

- ▶ **Build 1,500 megawatts (MW) of new gas-fired generation capacity; and**
- ▶ **Ramp up output, smog and greenhouse gas (GHG) pollution of Ontario's gas plants by more than 300% by 2030, and by 700% by 2043**



Gas Power in ON is On the Rise

PERCENTAGE OF ONTARIO'S ELECTRICITY PROVIDED BY POLLUTING GAS.



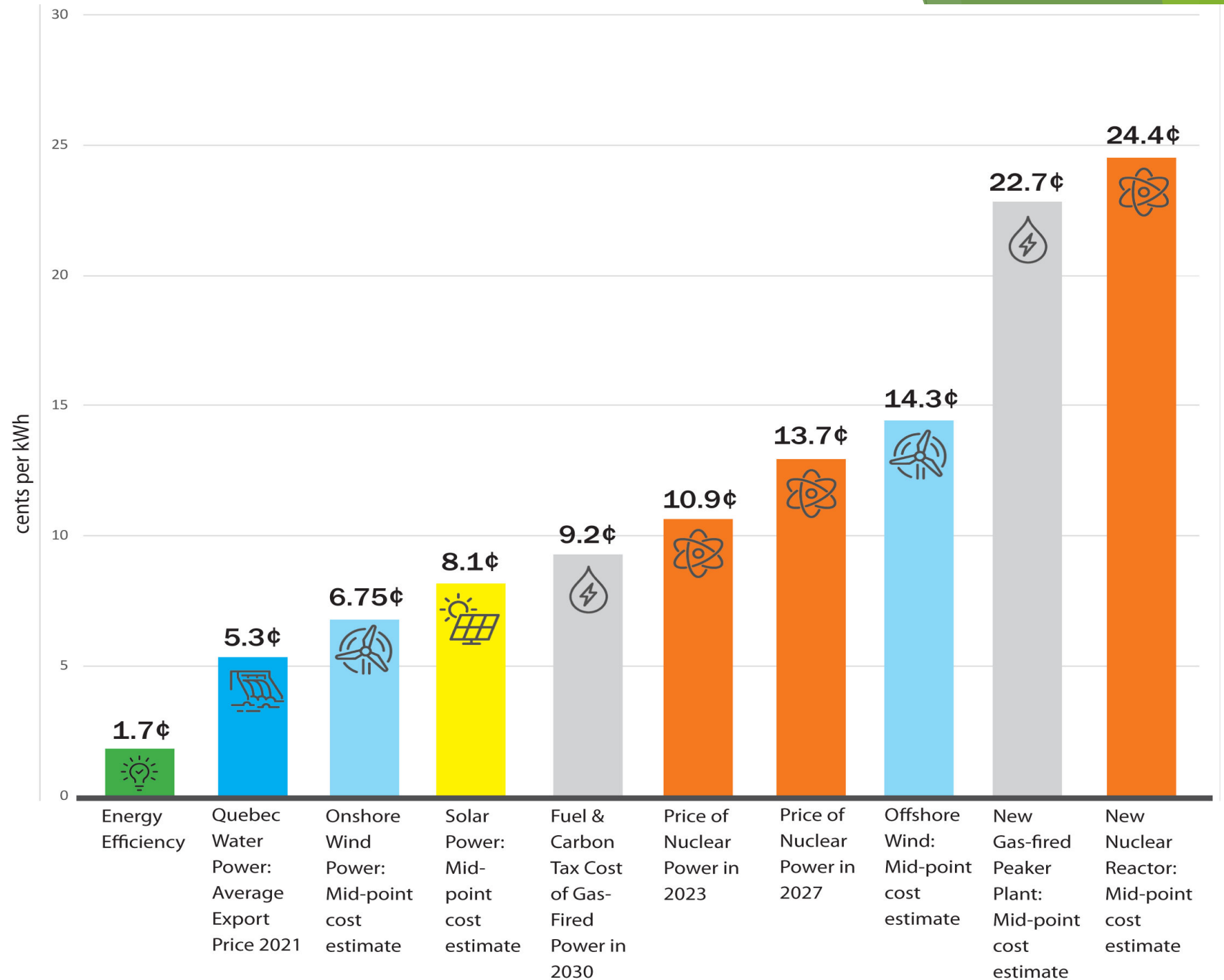
Halton Hills gas plants

- ▶ OPG is proposing to:
 - a) Increase capacity of the *existing* Halton Hills gas plant by 27 megawatts (MW); and
 - b) Build a *new* 265 MW gas plant
- ▶ These two gas plants would produce as much air pollution as 275,000 cars

Napanee gas plants

- ▶ Napanee already has two giant gas plants:
 - a) Lennox (2,100 MW); and
 - b) Napanee (900 MW)
- ▶ Combined capacity (3,000 MW) = 28% of Ontario's total gas power capacity (10,470 MW)
- ▶ OPG proposing to build new 450 MW gas plant

Ontario has lower cost options



Efficiency makes more sense



According to the [Royal Bank](#), Ontario can completely avoid the need for NEW gas plants and save \$500 million per year by investing in technologies to increase our energy efficiency and shift electricity demand from peak to off-peak periods.



Quebec awash in summer power

- Ontario's demand for electricity peaks on **hot summer days** when our air conditioners are running full out
- Quebec's demand for electricity peaks on **cold winter nights** since most of its homes are electrically heated
- Quebec has a huge surplus of waterpower available for export to Ontario in the summer to power our air conditioners on hot summer days

A photograph of several offshore wind turbines in the Great Lakes, with the water in the foreground and a clear blue sky in the background. The turbines are white with three blades each, and they are spaced out across the horizon.

Great Lakes Wind Power: A huge untapped potential

- ▶ We can also avoid the need for new gas plants by investing in wind and solar energy
- ▶ Great Lakes offshore wind power alone could meet all of Ontario's electricity needs
- ▶ Ontario **has not contracted** for a single kWh of wind or solar power during the last five years

Wind and solar must be combined with storage options:

- Hydro Quebec's reservoirs
- EV batteries combined with bi-directional chargers (e.g., Ford F-150 Lightning)
- Large stationary batteries



Quebec vs. Ontario

- ▶ Hydro Quebec is planning to meet 100% of its future electricity needs by investing in energy efficiency and renewables.
- ▶ Why is Ontario moving in the wrong direction?

Towards a Decarbonized and Prosperous Québec

Action Plan
2035

Courtesy copy
The Action Plan 2035 is available for
downloading at:
[www.hydroquebec.com/about/
action-plan.html](http://www.hydroquebec.com/about/action-plan.html)



Who benefits from more gas power?

- OPG
- Enbridge Gas
- TC Energy

Is hydrogen clean?

- ▶ **No:** If produced from fossil fuels. In 2021 96% of the world's hydrogen was produced from fossil fuels
- ▶ **Yes:** If produced from NEW wind and solar energy projects

Halton & Napanee have the power to say “no”

- Ontario's Energy Minister Todd Smith has given Halton Hills and Napanee the power to say “no” to OPG's proposed NEW gas plants.
- Please join Kingston, Thorold and Toronto, and say “no” to new gas plants, increased asthma attacks, increased heart and lung diseases, and more climate damaging pollution.

Please say YES to:

- ▶ Energy efficiency
- ▶ Renewables
- ▶ Storage
- ▶ Lower electricity bills
- ▶ Cleaner air

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