

Ontario Power Generation's (a.k.a, Atura Power) proposed new gas plant for Greater 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

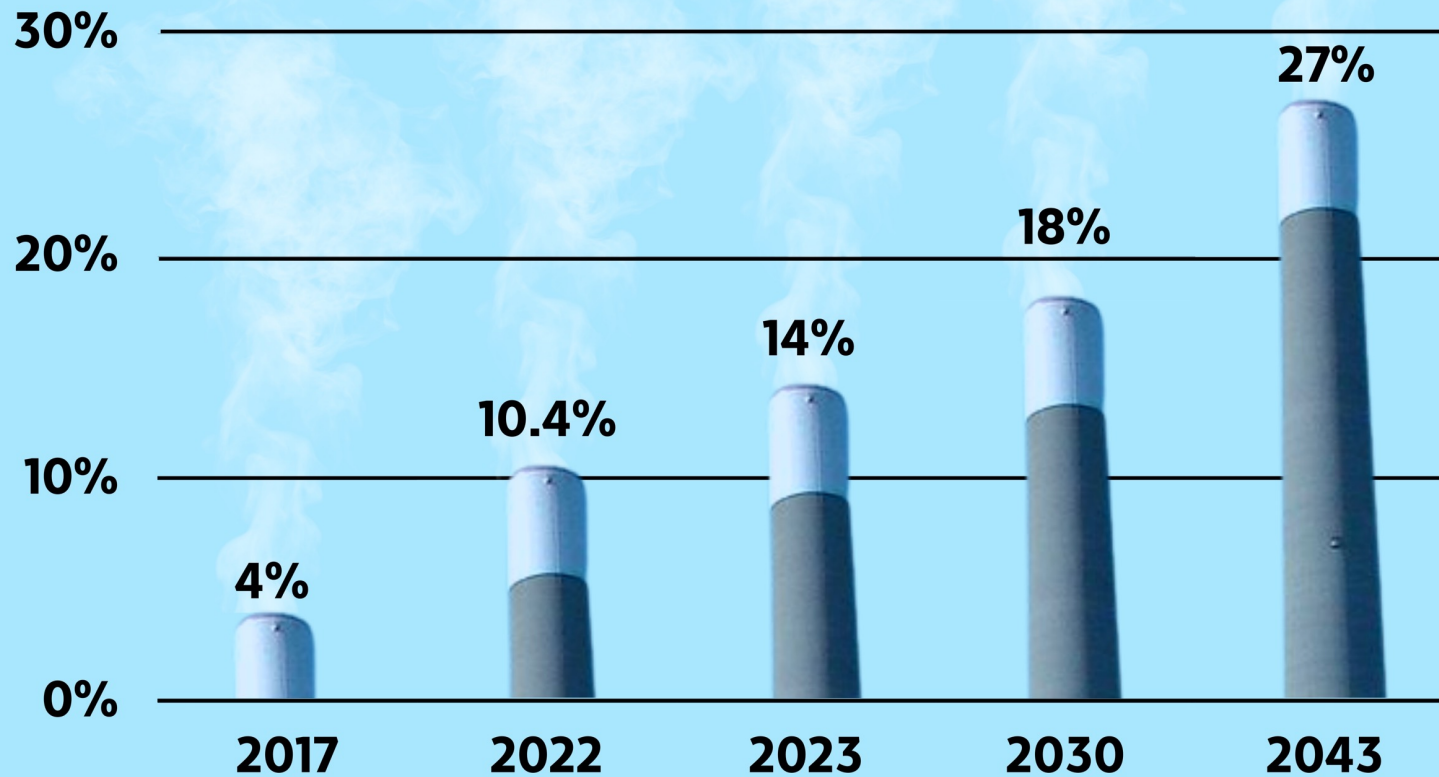
Premier Ford is now planning to:

- ▶ **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

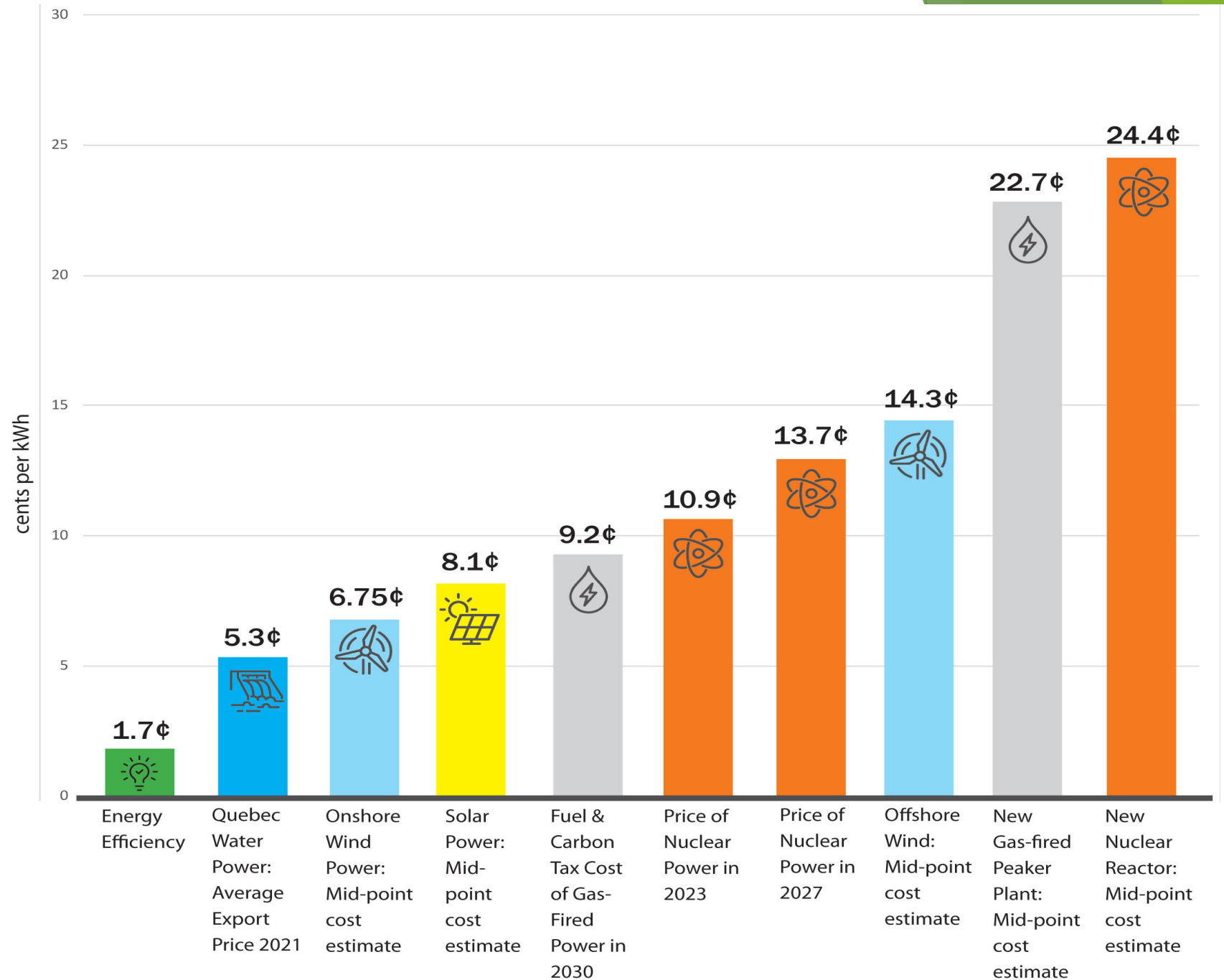
PERCENTAGE OF ONTARIO'S ELECTRICITY PROVIDED BY POLLUTING GAS.



New Greater Napanee gas plant

- ▶ OPG is proposing to build a 450 MW NEW gas plant in Greater Napanee
- ▶ This will contribute to more illnesses (e.g., asthma attacks, heart and lung disease) for local residents and more climate damage everywhere.

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)



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

Greater Napanee has the power to say “no”

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

Please say YES to:

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

Jack Gibbons jack@cleanairalliance.org



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