

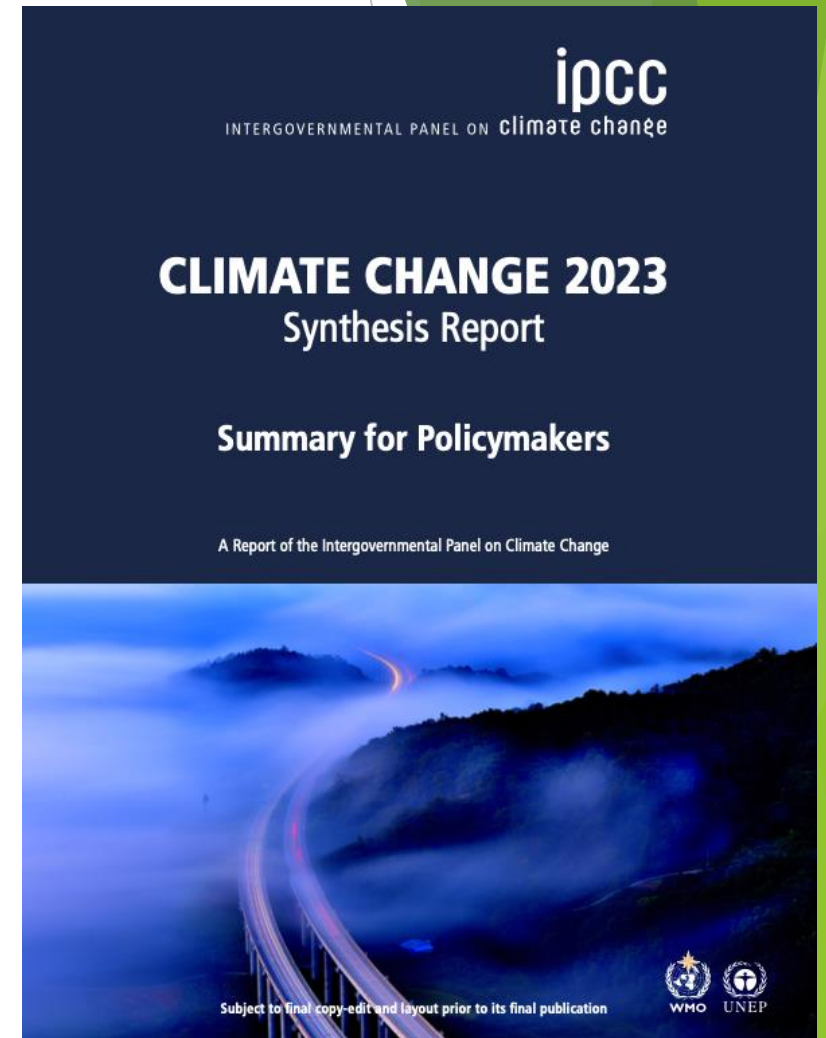
# Ontario Power Generation's (a.k.a, Atura Power) proposed new 265 MW gas plant for Halton Hills

By Jack Gibbons  
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# Important facts

- ▶ According to UN, the world needs to reduce its GHG pollution by almost half by 2030
- ▶ OPG is proposing to build a 265-megawatt (MW) new gas plant in Halton Hills to power our air conditioners on hot summer days
- ▶ It would have an annual capacity utilization rate of 3% to 3.8%



# We have cleaner, lower cost & quicker options

- Shifting demand from peak to off-peak periods
- Quebec waterpower





# Shifting demand from peak to off-peak periods

- ▶ IESO is paying industrial, commercial and institutional customers \$65,000 per MW per year to shift some of their electricity demand from peak to off-peak periods <sup>1</sup>
- ▶ In Summer of 2023 the IESO agreed to pay Capital Power & Eastern Power \$273,000 per MW per year to build new gas plants <sup>2</sup>
- ▶ The cost of peak reductions is 76% lower than the cost of new gas generation capacity
- ▶ Ontario can avoid need for new Halton Hills gas plant and save \$55 million per year by purchasing an additional 265 MW of peak period demand reduction


▶ <sup>1</sup> IESO, *Capacity Auction: Post Auction Report*, (December 7, 2023)

▶ <sup>2</sup> IESO, *Expedited Long-Term RFP – Final Results*, (September 18, 2023)



# Quebec waterpower

- Ontario can import 1,650 MW from Quebec with our *existing* transmission links
- Ontario is negotiating a multi-year agreement with Hydro Quebec to import 600 MW during summer
- By importing an additional 265 MW from Hydro Quebec we can avoid need for proposed Halton Hills gas plant to power our air conditioners

The background of the slide is a collage of financial market data. It features a grid of numbers in various colors (green, red, white) on a dark background, overlaid with several line graphs in different colors (blue, green, red, purple) showing fluctuating trends. The overall aesthetic is that of a stock market or energy sector dashboard.

# Who benefits from more gas power?

- ▶ OPG
- ▶ Enbridge Gas
- ▶ TC Energy

# Quebec vs. Ontario

- ▶ Hydro Quebec is planning to meet 100% of its future electricity needs by investing in energy efficiency, renewables and storage
- ▶ We can too!
- ▶ But Doug Ford and OPG are trying to move us in the wrong direction

## Towards a Decarbonized and Prosperous Québec

Action Plan  
2035



# We need strong leadership from Halton Hills Town Council

Please join Toronto, Thorold,  
Kingston and Loyalist  
Township and say “no” to a  
new gas plant in your  
community





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