

City of Brampton **Resolution Calling for Gas-Fired Electricity Generation Phase-Out (DRAFT Feb 1, 2021)**

Background

The Government of Ontario is planning to [ramp up the greenhouse gas pollution](#) from Ontario's gas-fired power plants by more than 300% by 2030 and by 500% or more by 2040 to replace the output of the Pickering Nuclear Station (its operating licence expires on December 31, 2024) and to meet a rising demand for electricity. This plan will throw away approximately 40% of the greenhouse gas reductions Ontario achieved by phasing-out its dirty coal-fired power plants.

To support this massive increase in fossil fuel electricity and climate-threatening greenhouse gas (GHG) pollution, the provincial government recently [purchased 3 gas plants](#) at a cost of \$2.8 billion.

Greenhouse gas pollution is causing temperatures in Canada to rise at [more than double](#) the rate in the rest of the world, causing adverse impacts for the citizens of the City of Brampton, such as heat waves, rain, flooding, forest fires and winter storms with related property damage and public health impacts.

Brampton's commitment to addressing climate change has been highlighted during the recently completed Global Covenant of Mayors Climate and Energy Showcase year. In keeping with its June 2019 declaration of a Climate Emergency, Brampton's Green City Council Priority and Community Energy and Emissions Reduction Plan are guiding a full complement of actions to reduce emissions by 80% by 2050.

The planned increase in GHG pollution associated with electricity will reduce the effectiveness of the City of Brampton's climate adaptation and mitigation efforts. It will decrease the effectiveness of electrification programs (deep building retrofits, EV programs) due to increased GHGs associated with electricity, discourage development of distributed renewable energy initiatives, delay municipal transition to the clean economy of the future, and prevent Ontario from meeting its GHG reduction commitment.

Ontario can phase-out its gas-fired power plants by 2030 by an integrated combination of energy efficiency investments, wind and solar energy and Quebec water power. The costs of the alternatives to gas-fired generation are [all less than](#) Ontario Power Generation's current price per kilowatt-hour (kWh) for power from nuclear plants (9.6 cents per kWh).

Ontario can increase its investments in quick-to-deploy and low-cost energy efficiency programs. Ontario can cost-effectively maximize its energy efficiency efforts by paying up to the same price for energy efficiency measures as it is currently paying for power from nuclear plants.

Ontario can become a leader in developing increasingly low-cost renewable energy resources rather than investing in high-cost nuclear re-builds. Ontario should support renewable energy projects that have costs that are below what we are paying for nuclear power and work with communities to make the most of these economic opportunities.

Quebec has offered Ontario [low-cost](#) 24/7 power from its massive water power system at less than one-half the cost of the planned re-buildings of the aging Darlington and Bruce Nuclear Stations.

In addition, Quebec's system of hydro-electric reservoirs can be used like a giant battery to provide load balancing/back-up for Ontario's intermittent sources of renewable energy.

Ontario can benefit from making long-term electricity deals with its green energy-rich neighbour.

The phase-out of Ontario's gas-fired power plants will help the City of Brampton, the Province of Ontario and the Government of Canada to achieve their greenhouse gas pollution reduction goals.

Municipal Resolution

Whereas: The Government of Ontario is planning to increase electricity generation and greenhouse gas pollution from Ontario's gas-fired power plants by more than 300% by 2030 and by 500% or more by 2040, reversing approximately 40% of the greenhouse gas pollution reductions achieved by phasing out our coal-fired power plants;

And whereas: Greenhouse gas pollution is causing temperatures in Canada to rise at more than double the rate of the rest of the world, causing impacts to the operations and citizens of the City of Brampton;

And whereas: The City of Brampton is taking measures to mitigate and adapt to the climate impacts caused by increasing greenhouse gas pollution;

And whereas: The planned increase in electricity-related greenhouse gas pollution will reduce the effectiveness of the City's greenhouse gas reduction efforts;

And whereas: There are feasible, cost-effective alternatives to increasing gas-fired electricity generation without increasing greenhouse gas pollution at costs well below the current price for Ontario's nuclear energy (9.6 cents/kWh), including:

- energy efficiency investments;
- low-cost, distributed, renewable energy, providing employment in Ontario communities and restoring our leadership in this industry;
- the purchase of low-cost power offered by the Province of Quebec from its existing hydroelectric generating stations; and
- using Quebec's system of reservoirs like a giant battery to back-up made-in-Ontario renewable power, eliminating the need to use gas-fired power plants for this purpose;

Therefore be it resolved that the City of Brampton requests the Government of Ontario to place an interim cap of 2.5 megatonnes per year on the greenhouse gas pollution from Ontario's gas-fired power plants and develop and implement a plan to phase-out all gas-fired electricity generation by 2030 to help the City of Brampton, the Province of Ontario and the Government of Canada meet their climate targets;

And be it resolved that this resolution be sent to the Premier of Ontario; the Minister of Energy, Northern Development and Mines; the Minister of the Environment, Conservation and Parks; the Minister of Health; all local MPPs and MPs; the President of Hydro Quebec; the Premier of Quebec; Ontario Big City Mayors; the Federation of Canadian Municipalities; and the Association of Municipalities of Ontario.