



**Written submission from
Plug'n Drive**

**Mémoire de
Plug'n Drive**

In the Matter of

À l'égard de

**Ontario Power Generation Inc.,
Pickering Nuclear Generating Station**

**Ontario Power Generation Inc.,
centrale nucléaire de Pickering**

Request for a ten-year renewal of its Nuclear
Power Reactor Operating Licence for the
Pickering Nuclear Generating Station

Demande de renouvellement, pour une période
de dix ans, de son permis d'exploitation d'un
réacteur nucléaire de puissance à la centrale
nucléaire de Pickering

Commission Public Hearing – Part 2

**Audience publique de la Commission –
Partie 2**

June 2018

Juin 2018

March 26, 2018

Louise Levert
Secretariat
Canadian Nuclear Safety Commission
280 Slater St., P.O. Box 1046
Ottawa, Ontario K1P 5S9

Re: Canadian Nuclear Safety Commission Public Hearing

Dear Ms. Levert,

Plug'n Drive is a non-profit organization that is accelerating the adoption of electric vehicles for their environmental and economic benefits. Over the past seven years, Plug'n Drive has established itself as a leader in the electric vehicle space; a trusted source of unbiased information on electric cars, charging stations and the electricity sector. Ontario Power Generation has supported the move to electric vehicles, offering both financial and in-kind support to Plug'n Drive as we continue to work to encourage more Ontarians to make the switch from gas cars to electric cars.

About 90% of the power produced in Ontario is free of GHG and smog-causing air pollutants, and because of this, switching from a gas car to an electric car provides significant environmental benefits. OPG is a major contributor to Ontario's clean base load electricity that will help make EVs successful. To that end, Plug'n Drive and OPG are working together to help consumers shift away from petroleum-based transportation fuels to electricity fuels for transportation needs. For EVs to reach significant penetration, we need major power providers like OPG to play an active and explicit role in shaping the electrification of transportation dialogue going forward.

Since 2011, OPG has contributed more than \$300,000 to Plug'n Drive's activities in the form of sponsorship and project support. More specifically, OPG has recently supported the establishment of our EV Discovery Centre – an experiential learning facility where a person can come and learn about EVs, their environmental and economic benefits, and take test drives of all the latest makes and models on a sales free (and pressure free) environment. OPG has demonstrated leadership in the EV landscape by developing a comprehensive strategy that includes electrification of its own fleet, charging stations at OPG work sites and external projects to advance the electrification of transportation across Ontario. Finally, it is important to mention that OPG, by shutting its coal powered fleet of stations, has undertaken the single largest climate change action in North America and at the same time has set Ontario up for the opportunity to de-carbonize the transportation sector which is now the largest GHG-emitting sector in Ontario. Its base load nuclear power is the backbone of the system and is the reason



PLUG 'N DRIVE

The Electric Vehicle Discovery Centre
1126 Finch Ave. W., Unit 1
North York, ON, M3J 3J6

Ontario was able to shut coal and now has this incredible opportunity to reduce GHG emissions from transportation.

Because of OPG's key role in de-carbonizing the Ontario grid, providing the low emitting base load electricity we enjoy here in Ontario, Plug'n Drive recommends that the CNSC approve the application put forward by OPG to renew its operating license at the Pickering Generating Station.

Sincerely,

Cara Clairman
President & CEO
Plug' Drive