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OPG's Clean Electricity is Helping Tackle Climate Change *More than 99 per cent of OPG's generation is free of GHG emissions*

Toronto – Ontario Power Generation (OPG) congratulates the United Nations on the ratification of the 2016 Paris Climate Change Agreement. In 2014, OPG stopped burning coal to create electricity and this remains North America's single, largest action to combat climate change.

"We've just come through one of the hottest summers on record and OPG responded by generating about half the electricity in Ontario and we did so with a diverse mix of clean energy," said Jeff Lyash, OPG President and CEO. "More than 99 per cent of the power we generate is free of greenhouse gas (GHG) and smog causing emissions." Lyash added that OPG provides the lowest cost electricity in Ontario. OPG receives about 40 per cent less than other generators which helps moderate customer bills.

Since it stopped burning coal, OPG has taken steps to add to and maintain its diverse mix of nuclear, hydro, biomass and natural gas generation. These include:

- Refurbishing the Darlington Nuclear station. Canada's largest clean energy project will add \$14.9 billion to the Ontario economy and create an average of 8,800 construction jobs per year. The project will fight climate change by extending the life of this clean-energy asset for another 30 years or more.
- Continuing operations of the Pickering Nuclear station until 2024. This will save customers \$600 million, and have the same impact as removing 1.6 million cars annually from the road.
- Completing construction of the Lower Mattagami Hydroelectric generating stations. The project, which added 438 MW of green house gas free electricity, is a partnership between Moose Cree First Nation and OPG.
- Converting the Atikokan and Thunder Bay coal station to use biomass, a fuel beneficial to climate change mitigation. Atikokan is the largest capacity, 100 per cent biomass-fueled power plant in North America. The conversion has helped create a biomass industry in northwestern Ontario.
- Constructing a new \$300-million, 28 MW hydroelectric generating station north of Smooth Rock Falls in partnership with Taykwa Tagamou Nation (TTN), which will produce clean, renewable hydro power for generations.
- Seeking approvals for a new solar farm at our former Nanticoke coal facility.
- Continuing to invest in our hydro stations to ensure they continue to produce clean, reliable power 24/7, 365 days a year. Our hydro fleet has a proud heritage of provided clean energy for decades; some for 100 years or more.

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