

March 25, 2019

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
P.O. Box 2319
2300 Yonge Street, 27th Floor
Toronto ON M4P 1E4

Board File Numbers: EB-2018-0287
EB-2018-0288

Dear Ms. Walli:

I am writing to you on behalf of Google. Please accept this letter as an expression of intent for Google to participate in the following consultations: "Utility Remuneration and Responding to Distributed Energy Resources Consultation Initiation" (Board File Numbers: EB 2018-0287 and EB-2018-0288).

Google manufactures the Nest Learning Thermostat and the Nest E, a smart thermostats equipped with sensors, Wi-Fi capability, and processors, to help customers consume less energy: they learn their preferences, adjusts the temperature when the house is empty, and automatically lowers air conditioner runtime when humidity conditions permit, helping people lower their energy use without sacrificing comfort. The Nest Learning Thermostat and the Nest E are designed to enable "Do It Yourself" installation, and to date the vast majority of Nest Learning Thermostat and Nest E customers have done the installation themselves, most in under 30 minutes.

Independent energy savings studies show Nest Learning Thermostat and the Nest E saves about 10%-12% of heating usage and about 15% of cooling usage in homes with central air conditioning. In Ontario, this equates to 345 m3 of natural gas heating savings and 293 kWh electric savings, or approximately 0.5 tonnes of CO2 per thermostat per year.

Google is very keen to work with the Ontario Energy Board introduce new energy cost savings opportunities for residential customers that have grid and system benefits.

I would appreciate it if you included Utilia Amaral, Google, in your distribution list. She can be reached by email at uamaral@google.com.

Sincerely,



Rick Counihan
VP, Regulatory and Government Affairs