

ONTARIO ENERGY BOARD

IN THE MATTER OF the Ontario Energy Board Act, 1998, S.O. 1998, c.15, Schedule B, as amended;

AND IN THE MATTER OF Hydro One Networks Inc.'s Application for electricity distribution rates beginning January 1, 2018 until December 31, 2022.

**INTERROGATORIES
TO HYDRO ONE NETWORKS INC. ("HONI")
FROM THE CITY OF HAMILTON ("COH")**

Issue 46

COH- 1

Interrogatories:

- (a) Did the calculation of the load forecast for the determination of the COH street lighting rate class reflect the effect of the COH's LED street light conversion program?
- (b) If so, what is the effect on the rates to be charged for the COH street lighting rate class?
- (c) If not, why not?
- (d) What data and assumptions were used to generate this load forecast, and how is LED technology adoption accounted for?

COH- 2

Interrogatories:

- (a) In the calculation of the load forecast for the street lighting rate classes in any of the other urban municipalities within HONI's service area, has HONI included the effect of LED conversion programs?
- (b) If so, what is the effect of doing so on the rates for the street lighting rate class in those urban municipalities?
- (c) If not, why not?

- (d) What data and assumptions were used to generate the load forecast for the street lighting class in other urban municipalities within HONI's service area, and how was LED technology adoption accounted for?

COH- 3

Background:

HONI states (Exhibit H, Tab 1, Schedule 1 page 3 of 32) that it applies the Bonbright principles in its rate design process. Included in those principles is the principle that "customers should, in general, pay rates for distribution services that reflect the costs they "cause" as determined by a board-approved cost allocation study".

Interrogatories:

- (a) Does HONI believe that the application of that principle requires it to include, in the calculation of the rates for the street lighting rate class for the COH, the effect of the COH's LED conversion program?
- (b) If not, why not?

COH- 4

Interrogatories:

- (a) Does HONI believe that the application of the conservation and demand management directives of the province require that, in the calculation of rates for the street lighting rate class for COH, it include the effect of COH's LED conversion program?
- (b) If not, why not?
- (c) What were the load impacts of the CDM applications for 2015, 2016 and 2017 related to street lighting?

COH- 5

Interrogatories:

- (a) How many municipal LED conversions in HONI's service territory have received pre-approval for IESO SaveOnEnergy incentives via HONI's CDM group? Please provide the accompanying load reduction values.
- (b) How are the pre-approved IESO SaveOnEnergy incentive LED conversion projects represented in the street lighting load profile?

COH- 6

Interrogatories:

- (a) Is HONI proposing to include, in its five-year IR plan, a mechanism whereby rates can be adjusted, annually or otherwise, to take account of developments like LED conversion programs?
- (b) If not, why not?

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