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November 23, 2016

VIA RESS AND COURIER

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

Dear Ms. Walli:

RE: EB-2016-0160 Hydro One Networks Inc. ("Hydro One") Transmission Rates Application – NATF Reliability Report Rankings

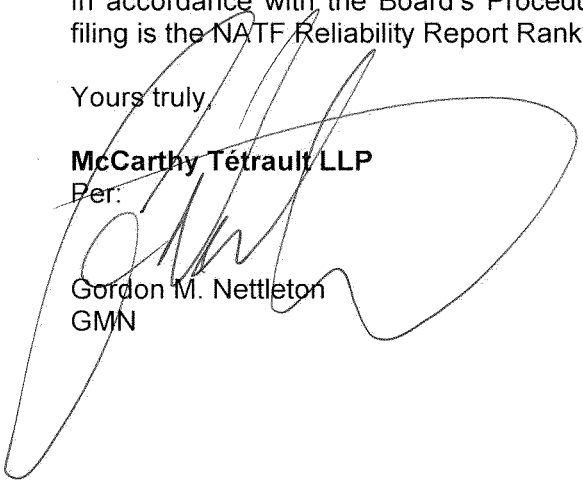
In accordance with the Board's Procedural Order No. 5 issued November 22, 2016, enclosed for filing is the NATF Reliability Report Rankings showing Hydro One's rank order among its peer group.

Yours truly,

McCarthy Tétrault LLP

Per:

Gordon M. Nettleton
GMN



NATF Transmission Reliability Reports

The first NATF Reliability Report that included Hydro One’s information was generated in 2013 and took into account Hydro One’s outage data from 2008 to 2012. Given this, only NATF Reliability Reports between 2012 and 2015 include Hydro One information.

The NATF Reliability Report is organized into two groups. The first is Integrated Performance Indicator Index (“IPII”). The IPII is a numeric (0-100 points) representing member performance based on an aggregated set of weighted inputs.

Hydro One’s ranking (1 = best, 21 = worst) among its peer group on Total IPIII Score and individual parameters are shown below.

	2012	2013	2014	2015
Number of Participants (including Hydro One)	21	21	21	21
IPII Total Score	15	13	8	13
IPII Score Failed AC Circuit Equipment per Hundred Miles	12	11	11	16
IPII Score Failed AC Substation Equipment per Element	8	2	1	7
IPII Score Failed Protection System per Element	16	15	15	1
IPII Score Human Error per Element	11	9	1	1
IPII Score AC Circuit Unavailability per Element per Year	15	15	9	16
IPII Score AC Transformers Unavailability per Element per	10	10	12	14
IPII Score Unknowns per Hundred Miles	9	10	10	8
IPII Score Lightning per Hundred Miles	19	13	15	12
IPII Score Weather Excluding Lightning per Hundred Miles	6	10	8	7
IPII Score Aggregate Residual Causes per Hundred Miles	19	14	15	14

The second group concerns Traditional Reliability Metrics. Outage rates and durations normalized per circuit/element, and circuit/mile, for circuits (200-799kV) are reported. Hydro One's ranking among its peer group (1 = best, 21 = worst) One-Year Ranking is shown in the below table.

	2012	2013	2014	2015
Number of Participants (including Hydro One)	21	21	21	21
AC Circuit Outage Rate per Hundred Miles per Year	10	14	13	9
AC Circuit Outage Rate per Element per Year	16	19	17	15
AC Circuit Average Outage Rate Duration of Sustained	12	13	7	17
AC Circuit Outage Rate Per Hundred Miles per Year-	14	17	15	9
AC Circuit Outage Rate per Element per Year Rate-Momentary	17	20	17	14
AC Circuit Outage Rate per Hundred Miles per Year-Sustained	7	15	14	10
AC Circuit Outage Rate per Element per Year-Sustained	10	18	14	15

Hydro One's Five-Year Ranking is shown in the below table.

	2012	2013	2014	2015
Number of Participants (including Hydro One)	21	21	21	21
AC Circuit Outage Rate per Hundred Miles per Year	15	16	15	14
AC Circuit Outage Rate per Element per Year	18	20	19	18
AC Circuit Average Outage Rate Duration of Sustained	9	11	10	10
AC Circuit Outage Rate Per Hundred Miles per Year-	18	18	17	15
AC Circuit Outage Rate per Element per Year Rate-Momentary	18	18	18	18
AC Circuit Outage Rate per Hundred Miles per Year-Sustained	9	10	11	11
AC Circuit Outage Rate per Element per Year-Sustained	12	14	17	16