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August 11, 2015

Ontario Energy Board
2300 Yonge St., 23rd fl
Toronto, ON M4P 1E4

att'n Ms. Kirsten Walli
Board Secretary

Re: EB-2015-0166 / EB-2015-0175 (NEXUS)

Please find attached my Interrogatories to Enbridge Gas Distribution Inc.

Yours truly,

Ron Tolmie
Sustainability-Journal.ca

ONTARIO ENERGY BOARD

IN THE MATTER OF the Ontario Energy Board Act, 1988,
S.O. c. 15 (Schedule B) s.36

AND IN THE MATTER OF an application by Enbridge Gas
Distribution Inc for an Order or Orders Pre-Approving the
Cost Consequences associated with a Long-Term Natural
Gas Transportation Contract

EB-2015-0166 / EB-2015-0175

Interrogatories from
Ron Tolmie
(Sustainability-Journal.ca)

August 11, 2015

EB-2015-0175 - Enbridge

Question: T1.EGD.Ron Tolmie.1

Reference: A/T3/S1/pg 1

Preamble: "NEXUS provides significant opportunity to further enhance Enbridge's gas supply portfolio"

a) Please explain why such an enhancement is needed in the light of the government intent to phase out the use of natural gas.

Question: T1.EGD.Ron Tolmie.2

Reference: A/T3/S1/pg1

Preamble: "the Utica and Marcellus supply basins are expected to account for over half the incremental North American gas production through 2035"

a) What will the annual loss of natural gas during the fracking process amount to for the gas used by Ontario?

Question: T1.EGD.Ron Tolmie.3

Reference: A/T3/S1/pg1

Preamble: "the Utica and Marcellus supply basins are expected to account for over half the incremental North American gas production through 2035"

a) How much natural gas will be freed from the shale but not recovered; how much of that will reach the surface; and when will it reach the surface?

Question: T1.EGD.Ron Tolmie.4

Reference: A/T3/S1/pg 2

Preamble: "This will increase the risk of Appalachian supply bypassing Ontario and potentially limit access to these supplies in the future. "

a) Is this the primary benefit to be gained by Ontario from this project?

Question: T1.EGD.Ron Tolmie.5

Reference: A/T3/S1/pg 2

Preamble: "There are a significant number of new pipeline projects competing"

a) There are also other technologies that are competing for the Ontario markets for both heating and power generation. If those technologies provide cheaper energy without emitting GHG why should we continue to use natural gas, especially shale gas?

Question: T1.EGD.Ron Tolmie.6

Reference: A/T3/S1/pg 2

Preamble: "There are a significant number of new pipeline projects competing"

a) Local natural thermal sources are free and they do not require transportation so in what year are they likely to replace natural gas, and what is the phase-out schedule?

b) Some of the natural energy supply systems (like exergy stores) can also meet the needs for peaking power and for handling power demand fluctuations. If they displace the use of natural gas what are the remaining markets for natural gas?

Question: T1.EGD.Ron Tolmie.7

Reference: A/T3/S1/pg 3

Preamble: "Enbridge can elect to increase its contracted volume to 150,000 Dth per day"

a) Ontario plans to reduce its GHG emissions by 37% by 2035. How can it do that if the imports of natural gas continue to rise?

Question: T1.EGD.Ron Tolmie.8

Reference: A/T3/S1/pg 3

Preamble: "Enbridge evaluated the competitiveness of the NEXUS transportation capacity through a landed cost analysis"

a) There does not appear to be any comparative cost analysis for competing energy supply technologies, even though such technologies will certainly replace fossil fuels in the future, and probably well within the time frame under consideration.

Question: T1.EGD.Ron Tolmie.9

Reference: A/T3/S1/pg 4

Preamble: "Enbridge has analyzed the forecasting, construction, operational, commercial, and regulatory risks associated with NEXUS and has found them to be manageable."

a) Please provide the parts of this analysis that show how natural gas will compete with renewable energy sources and how it will survive the regulatory hurdles.

Question: T1.EGD.Ron Tolmie.10

Reference: A/T3/S1/pg 4

Preamble: "This is an appropriate case for pre-approval under the Board's Guidelines."

a) If it is billions of dollars per year cheaper to employ alternatives like exergy storage for both heat and power, and such alternatives produce no greenhouse gases, then why should the Board find that this is "an appropriate case for pre-approval"?

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