April 14, 2022

Nancy Marconi
Registrar
Ontario Energy Board
2300 Yonge Street, P.O. Box 2319
Toronto ON
M4P 1E4

Dear Ms. Marconi,

RE: EB-2022-0072 Consultation to Review Annual Update to Five-Year Natural Gas Supply Plan of Enbridge Gas Inc.
Energy Probe Technical Conference Questions

Attached are the Technical Conference questions of Energy Probe.

Respectfully submitted on behalf of Energy Probe.

Tom Ladanyi — Digitally signed by Tom Ladanyi
Date: 2022.04.14 10:33:06 -04'00'

Tom Ladanyi
TL Energy Regulatory Consultants Inc.

cc. Roger Higgin (Sustainable Planning Associates Inc.)
Khalil Viraney (OEB Staff)
Richard Wathy (Enbridge Gas Inc.)
Review Participants

Energy Probe Research Foundation 225 BRUNSWICK AVE., TORONTO, ONTARIO M5S 2M6

Phone: (416) 964-9223 Fax: (416) 964-8239 E-mail: EnergyProbe@nextcity.com Internet: www.EnergyProbe.org

EB-2022-0072 Consultation to Review Annual Update to Five-Year Natural Gas Supply

Energy Probe Questions

April 14, 2022

EP-1
Reference: page 18
Preamble:
"In Ontario, gas use will increase at an annual average growth rate of 1.2% per year from 2021 through 2045. Demand from the residential and commercial sectors will experience annual modest growth of 1.47% and 0.97% respectively over the next two decades. The demand growth is greatest in the power sector which is expected to see a 6.11% average annual growth rate between 2022 and 2045".

How many existing residential buildings served by Enbridge are expected to convert in the 2022 to 2045 period from space and water heating using natural gas to some form of space and water heating that does not use gas?

EP-2
Reference: page 20
Preamble:
"EGI expects that long-haul capacity may be available at various times over the next five years through existing capacity open seasons because of de-contracting, line maintenance, and integrity work."

a) Please explain why EGI expects that there will be de-contracting over the next five years.

b) Please discuss which existing shippers are expected to de-contract and the amount of capacity that EGI expects will be de-contracted.

c) What will EGI do if the expected de-contracting does not take place?

EP-3
Reference: page 21
Preamble:
"While interim rates in effect are currently higher than 2019 levels, this indicates on finalization of the decision that shippers could be given a refund and see lower rates in the future."

a) What is the expected amount of refund that would accrue to EGI customers?

b) When does EGI expect to get this refund?

EP-4
Reference: page 22
Preamble:
"As the proposed increase to $170/tCO2e had not been federally legislated at the time the demand forecast was created, the Update contemplates a 2% per year inflationary factor after 2022."

Apart from the inflationary factor of 2% does Enbridge expect that the Federal Carbon Charge will have any impact on the annual volume forecast or the demand day forecast? If the answer is yes, what is the impact in units of volume. If the answer is no, please explain why not.

EP-5
Reference: pages 24-25
Preamble:
"The contract market overall is an average of 0.8% higher than the previous plan as a result of updated sales information, higher firm contract demand in some markets and planned growth. EGI's total annual demand is expected to be almost flat, increasing by an average of 0.6% year over year within the forecast period."

As a result of Ontario's Industrial Conservation Initiative (ICI), many large electricity customers have installed gas fired generators that allow them to generate electricity at certain times in order to avoid paying the Global Adjustment.

a) How many Enbridge commercial and industrial customers are expected to install gas fired generators over the next five years?

b) What the forecast of annual and peak day volume impact of these new gas fired generators?

EP-6
Reference: Table 6, page 28

a) Is Ontario Production included in the Dawn totals? If the answer is yes, what is the amount. If the answer is no, please explain why not.

b) For Union South why are the volumes for Appalachia, Chicago, Niagara Region, US Mid-Continent, and WCSB the same each year except for 2023/24. Please explain the conditions that Enbridge expects which would make 2023/24 different from other years.

c) Similarly, for EGD why are the volumes for Appalachia, Chicago, and Niagara Region the same for each year except for 2023/24? Please explain the conditions that Enbridge expects which would make 2023/24 different from other years.

EP-7
Reference: page 34
Preamble:
"The diversity provided by contracting through multiple suppliers provides a benefit to customers in comparison to the lowest price bid as it diversifies the risks to provide reliability and security of supply to system customers."

Please explain the trade-off between diversity of supply and price and discuss why the OEB should have confidence in the decisions made by EGI.

EP-8
Reference: page 37
Preamble:
"Blended gas, due to its hydrogen content, has a lower carbon intensity and will emit less greenhouse gas emissions than conventional natural gas."

a) What is the heating value of hydrogen gas compared to natural gas (methane)?

b) What is the heating value of blended gas compared to natural gas?

c) Since the amount of gas consumed by customers is measured in units of volume, is Enbridge planning to adjust bills of customers on system gas due to the difference in heating value of blended gas? If the answer is yes, please explain how and when. In the answer is no, please explain why not.

EP-9
Reference: page 63
Preamble:
"EGI holds 26.2 PJ of market storage capacity for use in the EGD rate zone. This storage capacity is held across 11 different non-renewable service agreements of varying terms and volumes."

Are any of the 11 service agreements with affiliates of EGI? If the answer is yes, what is the number of affiliate storage agreements and their storage capacity in PJ?