

EB-2017-0224/EB-2017-0255/EB-2017-0275

Interrogatories Related to Draft Issue 1.10.1

To

Enbridge Gas Distribution Inc.

AND

Union Gas Limited

From

Northeast Midstream LP

January 12, 2018

Interrogatories to Enbridge Gas Distribution Inc.

Northeast IR 1

Reference: Exhibit C, Tab 5, Schedule 2, Page 8

Preamble: Enbridge says the typical development timeline for RNG and P2G (power-to-gas) hydrogen projects is expected to range from 18 to 30 months: “Some potential producers of renewable gas supplies are at the early stage of project development in anticipation of market opportunities developing in Ontario while others are closer to fruition.”

- a. Please provide Enbridge’s best estimate for an indicative capital cost for a greenfield RNG supply facility in Ontario, expressed either as a total project cost for daily capacity or on a \$/GJ basis.
- b. Does Enbridge intend to invest in, build, own, or operate RNG supply facilities, either directly or through an affiliated entity, that would be bidding into the proposed RNG procurement program? If yes, please provide details.
- c. Does Enbridge have a financial relationship, co-investment, joint venture, or strategic alliance with a provider of RNG equipment or supply facilities that would be bidding into the proposed RNG procurement program? If yes, please provide details.

Northeast IR 2

Reference: Exhibit C, Tab 5, Schedule 2, Page 9

Preamble: Enbridge’s proposed use of an RFP process signifies that the supply of RNG is or will be a competitive market in Ontario: Enbridge says it plans to “conduct a rigorous RFP process to determine the cost, contract term, and other RNG procurement agreement terms and conditions.”

- a. Please confirm that the supply of RNG is or will be a competitive market in Ontario.

Northeast IR 3

Reference: Exhibit C, Tab 5, Schedule 2, Page 19

Enbridge appears to see hydrogen injection into pipelines as an analogous or complementary activity to RNG supply and procurement: “Hydrogen produced by P2G [power-to-gas] can complement Ontario’s supplies of both RNG and electricity, while helping to decarbonize the province’s energy infrastructure.”

- a. Does Enbridge envision launching a hydrogen procurement program in the future, similar to the proposed RNG procurement program?
- b. Please confirm that the supply of hydrogen produced by low-carbon methods is or will be a competitive market in Ontario.

Interrogatories to Union Gas Limited

Northeast IR 1

Reference: Exhibit 3, Tab 4, Page 18

Preamble: Union suggests its RNG procurement program will provide economic advantages as well as GHG reductions: "By investing in and supporting RNG, Ontario stands to benefit from the diversification of Union's gas supply portfolio and subsequently the development of a provincial RNG industry."

- a. Can Union provide an estimate on the impact of an RNG procurement program on the provincial GDP or number of jobs created in Ontario?
- b. If available, please provide supporting documentation.

Northeast IR 2

Reference: Exhibit 4, Tab 4, Page 19

Preamble: Union indicates that its contracting strategy is driven by the capital intensity of RNG facilities: "Union's RNG plan reflects the requirement of biomass producers to contract for longer-term contracts in order to support capital investment in RNG production facilities. As a result, Union expects to enter into fixed price RNG procurement contracts with terms up to 10 years in duration, subject to provincial funding."

- a. Please provide Union's best estimate for an indicative capital cost for a greenfield RNG supply facility in Ontario, expressed either as a total project cost for daily capacity or on a \$/GJ basis.
- b. Does Union intend to invest in, build, own, or operate RNG supply facilities, either directly or through an affiliated entity, that would be bidding into the proposed RNG procurement program? If yes, please provide details.
- c. Does Union have a financial relationship, co-investment, joint venture, or strategic alliance with a provider of RNG equipment or supply facilities that would be bidding into the proposed RNG procurement program? If yes, please provide details.

Northeast IR 3

Reference: Exhibit 3, Tab 4, Page 22

Preamble: Union proposed use of an RFP process signifies that the supply of RNG is or will be a competitive market: "Union expects that procurement for RNG supply will begin with an RFP process, for delivery of supplies beginning early in 2018."

- a. Please confirm that the supply of RNG is or will be a competitive market in Ontario.

Northeast IR 4

Reference: Exhibit 3, Tab 4, Page 22

Preamble: Union's has requested expedited treatment of the RNG procurement plan: "In order to support this timing and secure development of important local resources of RNG, Union requests approval of this proposal as early as possible, but no later than the end of January 2018."

- a. Please indicate the significance of the deadline of January 31, 2018?
- b. What would happen if Union did not receive a decision by then?