

Enbridge Gas Distribution Inc.
Interrogatories for Council of Canadians

1. Reference: Exhibit L.EGD.COC.1

Preamble:

In the second to last paragraph of Dr. Ingraffea asks the following question in relation to the development of shale gas resources in the United States: "Given the present risks, should society invest massive capital in such improvements for a so-called "bridge fuel" that is to be used for only 20 to 30 years, or would the capital and fuel expenditures be better spent on conservation and efficiency improvements, and switching end uses to more sustainable, efficient energy sources?"

Request:

- a) Is Dr. Ingraffea aware of The President's Climate Action Plan, June 2013?
- b) Please provide a copy of The President's Climate Action Plan, June 2013. For reference this document is available from the White House website.
- c) Can Dr. Ingraffea please confirm that this document identifies natural gas as an important "bridge fuel" for many countries. If this cannot be confirmed please explain why.
- d) Can Dr. Ingraffea please confirm that, as part of The President's Climate Action Plan, the Obama Administration is partnering with states and private companies to exchange lessons learned on the responsible development of natural gas resources. If this cannot be confirmed please explain why.
- e) Can Dr. Ingraffea please confirm that, as part of The President's Climate Action Plan, the Obama Administration will encourage the development of a global market for gas. If this cannot be confirmed please explain why.
- f) In Dr. Ingraffea's view would the development of a global market for gas exclude or include Canada as a market for natural gas produced in the United States?

2. Reference: Exhibit L.EGD.COC.2

Preamble:

On pages 11 to 22 of Exhibit L.EGD.COC.2 of Ms. Sumi identifies several Federal and state-specific regulatory initiatives related to shale gas development in the United States.

Request

- a) Please confirm that shale gas development is also occurring in Western Canada. If this cannot be confirmed please explain why.
- b) Please confirm that hydraulic fracturing is used in Western Canada to produce natural gas. If this cannot be confirmed please explain why.
- c) Would Ms. Sumi agree that the concerns related to the use of hydraulic fracturing in natural gas extraction are similar in the United States and Canada?

3. Reference: Exhibit L.EGD.COC.3

Preamble

In reference i) Mr. Hughes concludes that, in relation to shale plays, the price of natural gas required to maintain production is likely to be considerably higher over the medium and longer term than that commonly assumed. Mr. Hughes also concludes that greater regulation of the shale gas production industry will generate further price pressures. Mr. Hughes also indicates that the U.S. is considering LNG exports of natural gas based on projections of future growth in shale gas production.

Request:

- a) What is the commonly assumed price of natural gas to which Mr. Hughes is referring? Which pricing point is used for the commonly assumed price of natural gas (i.e. Henry Hub, AECO or some other point)?

- b) For the commonly assumed price of natural gas provided in a) Please provide, in a table, by year for the next 20 years, the commonly assumed price of natural gas.
- c) Please confirm that natural gas from the United States can be and is currently being imported into Ontario at Niagara Falls. If this cannot be confirmed please explain why.
- d) Please provide a chart or table showing total natural gas production in the Western Canadian Sedimentary Basin for the last 20 years. Please identify the year in which natural gas production in the Western Canadian Sedimentary basin “peaked”.
- e) Would Mr. Hughes agree that diversity of supply is an important factor that should be considered by a natural gas utility when developing a supply plan?
- f) Is Mr. Hughes aware of The President’s Climate Action Plan, June 2013?
- g) In IR #1 Enbridge asked COC for a copy of The President’s Climate Action Plan, June 2013. Can Mr. Hughes please confirm that, as part of The President’s Climate Action Plan, the Obama Administration will encourage the development of a global market for gas. If this cannot be confirmed please explain why.
- h) In Mr. Hughes’ view would the development of a global market for gas exclude or include Canada as a market for natural gas produced in the United States?
- i) Can Mr. Hughes please confirm that shale gas development and production is occurring in Canada. If this cannot be confirmed please explain why.
- j) Can Mr. Hughes please confirm that there are plans to export LNG from Canada. If this cannot be confirmed please explain why.
- k) Would Mr. Hughes agree that many of the concerns related to shale gas development, or more generally hydraulic fracturing, identified by Dr. Ingraffea and Ms. Sumi are not unique to the United States and that there are similar concerns in Canada?
- l) Can Mr. Hughes please confirm that Dawn is a liquid hub with access to multiple supply basins, including the WCSB. If this cannot be confirmed please explain why.