

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

Interrogatories

To

Enbridge Gas Distribution Inc.

and

Union Gas Limited

From

Northeast Midstream LP

January 29, 2018

Enbridge and Union are each seeking approval for up to \$2 million (for a total of \$4 million) for the 2018 compliance term to create a Low Carbon Innovation Fund (LCIF). The LCIF would finance research, development, demonstration, and commercialization of new technologies to reduce future GHG emissions.

The following are common interrogatories to Enbridge and Union concerning the LCIF, as described in Enbridge Exhibit C, Tab 5, Schedule 1 and Union Exhibit 3, Tab 5, Section 4.2. It is up to Enbridge and Union to decide whether it would be most efficient and effective to respond to the interrogatories separately or jointly.

1. Program Overview

- a. Please provide a summary of the consultations and public engagement activities leading up to the proposal to create the LCIF, including discussions with specific federal and provincial government departments, universities and research institutes, and Canadian and international companies and industry groups.
- b. What are the objectives of the program in terms of GHG reductions, net increase in employment in Ontario, and increased R&D output (i.e., research contracts, patents, licensing, spin-out company formation, teaching)?
- c. How does the LCIF plan to leverage existing investments in publicly and privately funded researchers, research centres, industry groups, and federal and provincial programs to better mobilize clean technologies?
- d. How would the LCIF be different from the Natural Gas Innovation Fund (NGIF), which was created by the Canadian Gas Association in 2016? Is the LCIF expected to complement or leverage NGIF investments?
- e. Please indicate whether only projects that include financial or in-kind contributions from project partners would be funded under the LCIF.
- f. Would the LCIF be an autonomous, arm's-length entity with an independent management team and an investment committee that includes qualified non-utility members?

2. Program Eligibility

- a. Would the LCIF be technology agnostic and consider any proposal that meets the program's objectives and key eligibility criteria? Or would the LCIF only consider technologies mentioned in the applications?

- b. Please indicate whether any or all of the entities would be eligible for LCIF funding: (1) For-profit organizations such as utilities and private companies; (2) Not-for-profit organization such as industry associations and research groups; (3) Indigenous organizations and groups; (4) Canadian post-secondary institutions and research centres; (5) Community groups; and (6) Municipal governments and their departments and agencies.
 - c. Can the technology solutions originate from anywhere globally for testing, demonstration, and/or deployment in Ontario?
 3. Funding Allocation
 - a. Please indicate how the requested LCIF funding would be allocated to residential, commercial, and industrial sectors.
 - b. Please indicate how the requested LCIF funding would be allocated to: (1) R&D projects, from applied R&D to pilot projects; and (2) Demonstration projects, including up to first commercial installations.
 - c. How much would the LCIF expect to contribute per project on a percentage basis? What would be the maximum percentage allocated per project? Would the percentage be different for R&D projects and demonstration projects?
 - d. How much would the LCIF expect to contribute per project on a dollar amount basis? What would be the maximum dollar amount allocated per project? Would the dollar amount be different for R&D projects and demonstration projects?
 - e. Would LCIF contributions be non-repayable, conditionally repayable, or something else?
 4. Submission Process
 - a. How the LCIF will ensure a consistent, fair, and transparent project selection process in order to identify, select, and approve funding of projects that best fit the program's objectives?
 - b. Would there be a formal request for proposals? If so, what would be an indicative timeline from the initial call to the selection of projects?

5. Evaluation Process

- a. How will potential projects be assessed (i.e., design and methodology, project team, uptake potential, environmental impact, economic and social impact)?
- b. Will considerations be given to regional diversity and sector distribution (i.e., residential, commercial, industrial)?
- c. Will consideration be given to projects that support increased economic development opportunities for rural, northern and Indigenous communities?

6. Project Monitoring

- a. Please indicate how successfully funded projects will be required to report on expected outcomes to ensure that targets and objectives are being met.
- b. Since outcomes may only be realized after funding has ended, what provisions would be made for ongoing data collection and assessment for a period of five years following a project's completion date?