

October 20, 2023

VIA Email, RESS

Ms. Nancy Marconi
Registrar
Ontario Energy Board
27th Floor 2300 Yonge Street
Toronto, ON M4P 1E4

Independent Electricity System Operator

1600-120 Adelaide Street West

Toronto, ON M5H 1T1

t 416.967.7474

www.ieso.ca

Dear Ms. Marconi:

**Re: Ontario Energy Board (OEB) File No.: EB-2022-0335
Enbridge Gas Inc.: Integrated Resource Planning Pilot Projects
Independent Electricity System Operator (IESO) – Interrogatories**

Pursuant to Decision on Issues List and Procedural Order No. 2, please find enclosed the IESO's interrogatories in the above noted proceeding.

Yours truly,



Beverly Nollert Senior Manager, Regulatory Affairs, IESO

cc: Carla Molina, Hydro One Networks, Inc.
Gordon M. Nettleton, McCarthy Tétrault
Monica Caceres, Hydro One Networks, Inc.
All parties to EB-2022-0335

IESO-1:

Ref: (1) Exhibit D, Tab 1, Schedule 1, p. 2

(2) Exhibit B, Tab 1, Schedule 1, p. 4

Preamble:

At reference 1, Enbridge states:

“The proposed Parry Sound Pilot Project offers a unique opportunity to explore the potential applicability and feasibility of electricity-based IRP measures in an isolated environment that can help support future broad-based integrated resource planning efforts with local LDCs and the IESO.”

-and-

At reference 2, Enbridge states that a primary objective of the Parry Sound Pilot Project is to:

“...gather initial learnings of the impact of electrification measures on the local electric grid via engagement with Local Distribution Companies (“LDCs”) to support future integrated energy planning with the electric sector;”

Questions:

1. At the above references, Enbridge indicates that the lessons learned through the Parry Sound Pilot Project (Pilot) are expected to support future integrated resource planning efforts with its counterparts in the electricity sector, including the IESO and LDCs. Would Enbridge be amenable to coordinating with the IESO on the design and delivery of the Pilot, to ensure the lessons learned through it are supportive of coordinated planning processes?
2. Please describe how Enbridge anticipates engaging with LDCs to determine the impact of electrification measures on the local electricity grid, as described at reference 2. Also, please indicate whether Enbridge would be amendable to sharing the findings of its LDC engagement with the IESO.

IESO-2:

Ref: (1) Exhibit D, Tab 1, Schedule 1, pp. 24-26

Preamble:

The above reference describes the electrification measures proposed by Enbridge for inclusion in the Parry Sound Pilot project: cold climate air source heat pumps and ground source heat pumps (collectively referred to as the “electrification measures”). At the same reference, Enbridge also indicates that to promote participation, additional incentives to those currently

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offered by the HER+ program will be made available to customers in the region. The table below, excerpted from the Application, demonstrates the additional incentives proposed by Enbridge, as well as the total incentive available to customers for the installation of the electrification measures.

Pilot Project HER+ Measures	NRCan Incentive (A)	EGI DSM Plan Incentive (B)	HER+ Program Maximum Incentive (C = A + B)	EGI Pilot Project Additional Incentive (D)	Pilot Project HER+ Maximum Incentive (E = C + D)	EGI Pilot Project Funded Incentive (F = B + D)
Space Heating Heat Pump						
Install a ground source heat pump – full system.	\$5,000	\$1,500	\$6,500	\$3,500	\$10,000	\$5,000
Replace a ground source heat pump – heat pump unit only.	\$3,000	\$1,000	\$4,000	\$2,000	\$6,000	\$3,000
Install a complete ENERGY STAR certified new or replacement air source heat pump (ASHP) system or a variable capacity cold climate air source heat pump (ccASHP) system. The system must be intended to service the entire home.	\$2,500	\$750	\$3,250	\$1,750	\$5,000	\$2,500
Install a complete new or replacement variable capacity cold climate air source heat pump (ccASHP) system, intended to service the entire home.	\$5,000	\$1,500	\$6,500	\$3,500	\$10,000	\$5,000

Questions:

1. Enbridge is proposing to offer additional incentives for both ENERGY STAR certified and non-ENERGY STAR certified ccASHPs. Please clarify why the incentive offered for the ENERGY STAR certified ccASHPs is lower than the incentive for a non-ENERGY STAR certified unit.
2. Enbridge is proposing to offer additional incentives for ENERGY STAR certified ASHPs and ccASHPs. Please provide the reasons for why Enbridge is proposing to provide additional incentives for non-ccASHPs (i.e., ASHPs). When responding, please also describe why the additional incentives proposed for ccASHPs and non-ccASHPs are the same.
3. Please describe Enbridge’s strategy for educating customers on the benefits of the electrification measures as well as the increased incentives available through the Pilot for them. When responding, please identify any partners Enbridge will engage to provide this customer education.