

ENBRIDGE GAS DISTRIBUTION INC. RESPONSE TO
ASSOCIATION OF POWER PRODUCERS OF ONTARIO INTERROGATORY #5

INTERROGATORY

Reference: EB-2012-0451 Exhibit A Tab 3 Schedule 4 Market Growth

Preamble: Enbridge discusses the market growth for the region and APPrO would like to better understand the nature of the growth.

- a) Enbridge illustrates in Table 1 the customer growth by customer count from 2015 to 2025 by customer type (Residential, Commercial, Apartment, and Industrial). Please provide a table that illustrates the peak day growth impacts (GJ/d) by rate class, by year from 2015-2025 for the market area being served by the GTA Reinforcement project.
- b) Please provide a breakdown by rate class of the peak day volumes and the resulting percentages of gas supplied by Enbridge as system gas and direct purchase gas for the current period.
- c) Enbridge notes at Exhibit A Tab 3 Schedule 1 paragraph 9, that Segment A will add 800 TJ/d of capacity upstream of the Albion Road Station. A portion of this capacity will facilitate the growth expected to be served via Segment B. Exhibit A Tab 3 Schedule 4 Table 3 indicates that the growth in peak day demand between 2025 and 2015 (2,631- 2,443 TJ/d) is 188 TJ/d. With the additional non-growth related capacity on Segment A being 612 TJ/d (800 TJ/d – 188 TJ/d), please indicate how much of this 612/TJ/d of peak day capacity by 2025 ,will be utilized to meet peak day demand, reserved or otherwise targeted for the following types of customers. Within each grouping please provide your response by the applicable rate class:
 - i. System gas customers acquiring their gas from Enbridge via Parkway
 - ii. Direct purchase bundled customers delivering their volumetric requirement at Parkway/Dawn
 - iii. Direct purchase bundled customers that require Enbridge to deliver their balancing requirements (i.e. the difference between their peak day load and their average daily requirement)
 - iv. Unbundled customers
 - v. Other purposes (please specify)

Witnesses: E. Naczynski
A. Kacicnik
J. Denomy

- d) As part of the GTA reinforcement, Enbridge is proposing to add 192 TJ/d of capacity for residential, commercial and industrial customers through to 2025. Please detail how the costs associated with this 10 year “advanced capacity” will be allocated to the various rate classes between 2015 and 2025.

RESPONSE

- a) Please see Environmental Defence Interrogatory #3 at Exhibit I.A4.EGD.ED.3. Table 2. The conversion to obtain GJ is 37.69 MJ/m³.
- b) The following represents the 2013 forecast design peak day volumes by rate class used for cost allocation and rate design purposes. The design peak day volumes by rate class are not differentiated by system gas or direct purchases volumes.

10 ³ m ³	RATE 1	RATE 6	RATE 9	RATE 100	RATE 110	RATE 115	RATE 125	RATE 135	RATE 145	RATE 170	GAZIFERE	RATE 300	TOTAL
Peak Volume	51,995.8	43,810.8	4.0	0.0	1,973.0	1,706.1	9,935.4	7.1	382.7	235.9	1,200.5	25.2	111,276.6

- c) Enbridge’s gas supply planning does not reserve or target supply requirements by rate class, nor does the Gas Control operations group allocate delivery points by rate class. Board approved cost allocation and rate design principles are used to allocate peak day and load balancing costs across the different rate classes. Therefore, Enbridge is not able to provide the requested information. The gas supply benefits calculations at Exhibit A, Tab 3, Schedule 5 accrue to bundled customers. The direct purchase market has access to 200 TJ/d of capacity on the Bram West to Albion pipeline. The remainder is available to meet system gas procurement and load balancing requirements of all bundled customers.
- d) Enbridge does not agree with the characterization “advanced capacity”. The GTA Project conforms to the EBO 188 guidelines for system expansion. For rate impacts from the GTA project, using Board approved cost allocation and rate design principles, please see the response to Board Staff Interrogatory #13 at Exhibit IA.3.EGD.STAFF.13.

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