

ENBRIDGE GAS DISTRIBUTION INC. RESPONSE TO
BOMA INTERROGATORY #31

INTERROGATORY

Issue: A.1- Reinforcement

- (a) Please identify and discuss in detail the function of the 23 district stations through the GTA Influence Areas. In each case, provide the pressure reduction function, inlet and outlet pressure, measurement capacity, flow capacity and other pertinent information.
- (b) Please provide a copy of Enbridge's Integrity Management Program.
- (c) Please provide the customers (numbers can be used to protect identity) of large customers that take service directly from the XHP system in the GTA Influence Area. What volume TJ/day does each of the customers take, annually, winter, average day, summer average day? In 2012, 2011, 2010, what is forecast for 2013, 2014, 2015 and 2016?
- (d) At what pressure must each of the large customers be supplied?
- (e) Do the large direct customers pay a rate or fee, for example, pressure surcharge, to cover the cost of installing and maintaining that pressure? Please discuss.

RESPONSE

- a) As described in Exhibit A, Tab 3, Schedule 3, Paragraph 4, there are 11 (not 23) large district stations in the GTA. The function of these stations is to provide pressure control and over pressure protection to downstream pipelines that operate at lower pressures. The stations do not have measurement capacity. For a map of the inlet pressure, set point pressure, and station flows under design conditions please refer to BOMA Interrogatory #25 at Exhibit I.A1.EGD. BOMA.25(d)(ii).
- b) Enbridge's Integrity Management Program Manual is a comprehensive document, which contains proprietary information. The document is shared with regulators and partners on a need-to-know only basis.

Witnesses: A. Kacicnik
C. Moore
E. Naczynski
N. Thalassinou

c) See below for table describing large volume customers served off of the XHP system in the GTA Project Influence Area. There is no forecast future load for these customers.

Customer Number	2010-2011 (TJ/day)			2011-2012 (TJ/day)			2012-2013 (TJ/day)		
	Peak Day	Winter Average	Summer Average	Peak Day	Winter Average	Summer Average	Peak Day	Winter Average	Summer Average
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.23	0.15	0.00	0.12	0.08	0.01	0.09	0.07	0.01
3	0.03	0.03	0.03	0.74	0.66	0.47	1.51	1.51	1.51
4	0.09	0.06	0.00	0.04	0.03	0.02	0.04	0.03	0.01
5	0.00	0.00	0.00	0.03	0.02	0.01	0.01	0.01	0.00
6	10.13	6.93	0.03	5.32	3.84	0.65	1.79	1.79	1.79
7	0.23	0.16	0.00	0.10	0.07	0.00	0.09	0.06	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.09	0.06	0.00	0.06	0.04	0.01	0.05	0.04	0.01
10	0.12	0.08	0.00	0.06	0.04	0.00	0.05	0.03	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.21	0.14	0.00	0.11	0.08	0.02	0.09	0.07	0.01
13	0.19	0.13	0.00	0.13	0.09	0.01	0.10	0.07	0.01
14	0.12	0.08	0.00	0.06	0.04	0.00	0.05	0.04	0.00
15	0.09	0.06	0.00	0.05	0.03	0.00	0.04	0.03	0.00
16	0.02	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00
17	0.04	0.02	0.00	0.02	0.01	0.00	0.01	0.01	0.00
18	0.03	0.02	0.00	0.02	0.01	0.00	0.01	0.01	0.00
19	0.02	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.00
20	0.04	0.03	0.00	0.02	0.01	0.00	0.02	0.01	0.00
21	0.14	0.09	0.00	0.06	0.04	0.00	0.06	0.04	0.00
22	0.05	0.05	0.05	1.50	1.37	1.09	1.20	1.14	0.99
23	0.01	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00
24	0.16	0.11	0.00	0.07	0.05	0.00	0.08	0.06	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.11	0.08	0.00	0.04	0.03	0.00	0.06	0.04	0.00
27	0.17	0.11	0.00	0.11	0.08	0.00	0.10	0.07	0.00
28	0.03	0.02	0.00	0.01	0.01	0.00	0.01	0.01	0.00
29	0.07	0.05	0.00	0.03	0.02	0.00	0.01	0.01	0.01
30	0.17	0.11	0.00	0.08	0.05	0.00	0.05	0.03	0.00
31	0.03	0.02	0.00	0.02	0.01	0.00	0.01	0.01	0.00

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Customer Number	2010-2011 (TJ/day)			2011-2012 (TJ/day)			2012-2013 (TJ/day)		
	Peak Day	Winter Average	Summer Average	Peak Day	Winter Average	Summer Average	Peak Day	Winter Average	Summer Average
32	0.17	0.12	0.00	0.11	0.08	0.03	0.10	0.08	0.02
33	0.09	0.06	0.00	0.05	0.03	0.00	0.04	0.03	0.00
34	0.02	0.02	0.00	0.01	0.01	0.00	0.02	0.01	0.00
35	23.52	23.52	23.52	23.52	23.52	23.52	23.52	23.52	23.52
36	104.93	104.93	104.93	104.93	104.93	104.93	104.93	104.93	104.93
37	25.44	25.44	25.44	25.44	25.44	25.44	25.44	25.44	25.44
TOTAL	166.79	162.74	154.00	162.88	160.76	156.20	159.61	159.18	158.26

d) See BOMA Interrogatory #19 at Exhibit I.A1. EGD. BOMA.19 for response.

e) No. None of Enbridge's customers pays a pressure surcharge. Enbridge's customers pay rates for the services (such as gas supply, transportation, delivery) provided to them by Enbridge. Rates are based on the costs of providing those services.

The Company maintains a minimum operating pressure for each pressure type (or classification) area within its gas distribution system, such as low, intermediate, and high pressure areas within the system. The Company's delivery rates, among other costs, recover the costs of the gas distribution network infrastructure, as well as, the costs of operating and maintaining the network. This includes costs associated with maintaining minimum operating pressures as outlined above.

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