

ENBRIDGE GAS DISTRIBUTION INC. RESPONSE TO
BOMA INTERROGATORY #25

INTERROGATORY

Issue: A.1

- (a) Schedule 1, Paragraph 7 states – The growth in the downtown core is supplied primarily through Station B.
- (b) What portion of Station B is used to supply PEC and what portion is used, and will be used, to supply the increased load in the downtown core?
- (c) Is more gas required at Station B to supply the downtown core, or greater pressures, or both? Please explain fully.
 - (i) Please describe the operations of Station B in detail.
 - (ii) Describe the equipment located there, with diagrams.
 - (iii) Describe the importance of Station B in serving the Portlands Energy Centre.
- (d) A, Sch 1, p14
 - (i) How much additional gas can be moved across the XHP distribution system as a result of the construction of Segments A and B on peak day, an average winter day, an average summer day?
 - (ii) Please indicate in which pipelines, new and existing, will incremental gas be moved across the XHP system, and how much gas (TJ/day), and using the segments of pipelines and stations listed below.
 - (iii) Please provide the amounts of the proposed capacity increase to the Albion, Keele/CNR, Buttonville, and Jonesville stations.

Station B – The east-west portion of Segment B from Keele/CNR station to Buttonville station.

NPS 36 Parkway North from Parkway (or Parkway West) to Albion.

Witness: E. Naczynski

NPS 36 from Albion east to Keele/CNR station.

NPS 30 line from Lisgar to Albion, and from Albion to Keele/CNR.

NPS 30 from Don Valley Buttonville to Shepherd.

NPS 30 from Shepherd to Jonesville, and Jonesville to Station B.

- (iv) What will be the resulting changes in maximum operating pressures and actual operating pressures for each of these lines relative to what they are today, once Segments A and B are constructed? What will be the changes in operating pressure of each of these lines?
- (v) Please provide a copy of the Enbridge operating system, annotated to make it intelligible to the informed layperson.

RESPONSE

- a) No question listed.
- b) Please see the response to BOMA #23 in Exhibit I.A1.EGD.BOMA.23.
- c) Please see the response to BOMA #23 in Exhibit I.A1.EGD.BOMA.23.
- d)
 - (i) The following table shows the estimated capacity at Station B before and after the proposed project. All capacities listed are absent of any supply restrictions.

	2015 Existing System and Pressures (10³m³/hr)	2015 With Reinforcements and Pressure Reductions (10³m³/hr)	Capacity Increase (10³m³/hr)	Capacity Increase (TJ/D)
DD41 Station B Capacity Design Day	(15) Capacity Deficit	210	225	170
DD28 Station B Capacity Average Winter	198	397	199	150
DD0 Station B Capacity Summer	396	725	330	249

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- (ii) Please see Attachments 1 and 2 to this Exhibit for 2015 maps with major station inlet pressure, set point pressure, and flows under design day conditions before and after the new facilities.
- (iii) See response to d) ii) above.
- (iv) As explained in Exhibit A, Tab 3, Schedule 6, paragraph 17 of the pre-filed evidence, the only change will be a reduction in operating pressure to 1896 kPa (275 psi) on the NPS 26 line and to 2585 kPa (375 psi) on the DVP line.
- (v) See response to d) ii) above.