

ENBRIDGE GAS DISTRIBUTION INC. RESPONSE TO
BOMA INTERROGATORY #9

INTERROGATORY

Issue: A.1

Schedule 6, Page 2, Paragraph 3

- (a) Please describe in detail the proposed pressure regulation enhancement at Parkway West to equalize the Maximum Operating Pressure in NPS 36 Parkway North (4,450 psi) and NPS 36 Mississauga Southern pipeline (350 psi). What is the purpose of equalizing the pressures in the two pipelines? What will the impact be on system flexibility and capacity to move gas away from Parkway and Parkway West? Please discuss.
- (b) Please confirm that the proposed new Enbridge gate station at Parkway West is taking gas at the existing pressure in the Union system, and that the gas does not flow through a compressor at Parkway West or Parkway prior to entering the Enbridge gate station. Please confirm that it provides 100% backup to Enbridge's existing Parkway (suction) gate station.
- (c) Please describe in detail the proposed modifications of the Keele/CNR station. What is the purpose of the modifications and how will they be accomplished?
- (d) Provide the purpose of a detailed description of and details of the regulation provided, at the proposed Buttonville Station.
- (e) Schedule 6, Page 2, Paragraph 4 – Provide the details of the enhancement of the existing pressure regulation function at Jonesville Station. What is the purpose of these enhancements? Describe in detail how the enhancements will "support the existing NPS 36 pipeline feed to the existing NPS 30 Don Valley Line".
- (f) Given that the most southerly segment of the NPS 30 Don Valley line (between the Jonesville Station and Station B) is not proposed to be looped, how does looping the middle portion of the Don Valley line (between the Jonesville and Buttonville Stations) achieve the goal of maintaining the required minimum inlet pressure at Station B in the face of increased demands in that part of Central Toronto served by lines emanating from Station B. Please discuss in detail. How does the

Witness: B. Madrid

enhanced Jonesville facility help to allow the Don Valley NPS 30 line to be fed from Parkway West or Albion Stations. Please discuss fully.

RESPONSE

- (a) The proposed pressure regulation enhancement at Parkway West (referred to as Parkway Bypass Regulator Station) will be constructed to provide pressure control and overpressure protection for the gas flowing from the NPS 36 Parkway North line at 3344 kPa (485 psi) into the NPS 36 MSL line which operates at 2413 kPa (350 psi). It is required because of the difference in operating pressures between the two lines.
- (b) Confirmed. Parkway West Gate station is taking gas at the existing pressure in the Union Gas system and provides 100% backup to Enbridge's existing Parkway (suction) gate station.
- (c) The proposed modifications of the Keele/CNR station consists of the replacement of the existing Pig Receiver with a straight segment of NPS 36 pipe allowing Segment B to create a continuous NPS 36 line at 3344 kPa (485 psi) from the existing Parkway Gate Station to Jonesville Station.
- (d) The proposed Buttonville pressure regulation station will involve the construction of facilities which will provide pressure control and overpressure protection for the gas flowing from the new Segment B, NPS 36 line at 485 psi into the NPS 30 DV line, which will be operating at 2586 kPa (375 psi) once the new facilities are in place. It is required because of the difference in operating pressures between the two lines.
- (e) Please refer to response to BOMA Interrogatory #33 found at Exhibit I.A1.EGD.BOMA.33 (c).
- (f) Please refer to response BOMA Interrogatory #33 found at Exhibit I.A1.EGD.BOMA.33 (d).