

ENBRIDGE GAS DISTRIBUTION INC. RESPONSE TO  
CONSUMERS COUNCIL OF CANADA INTERROGATORY #2

INTERROGATORY

1. Are the proposed facilities needed? Considerations may include but are not limited to demand, reliability, security of supply, flexibility, constraints, operational risk, cost savings and diversity as well as the Board's statutory objectives.

Issue: A.1-CCC-2

Reference: A/T3/S1/ pg.4; s3/pg.24

- a) Please provide the current contingency plan for disruption at the Parkway Station. Specifically: (i) provide the referenced "Enbridge Load Shed Report"; (ii) provide a table comparable to Figure 5 which shows the projected composition of gas volumes at alternate stations in the event of Parkway closure; (iii) describe any arrangements with large volume consumers including PEC for emergency (force majeure) interruptions.
- b) When was the last time Enbridge experienced reduced service due to disruptions at Parkway?

RESPONSE

- a) Enbridge is filing pertinent sections of the load shed report at Attachment 1. Load shedding is the act of removing gas service from large areas of customers when there is a supply disruption. The goal of load shedding is to minimize widespread system outage in the event of limited supply or network disruption. This will prevent a cascading distribution system failure where the loss of supply could result in a random and unpredictable outage. Enbridge has filed the sections of the Load Shed report that discuss the background and intent of the load shed plan. As well as the number of load shed zones in each administration area of the Enbridge Franchise area. In the event of a supply disruption EGD will

Witness: E. Naczynski

select areas of the network to isolate so that demand is removed from the system to match the available supply. The other sections of the Load Shed report detail specific information regarding the Enbridge network and valve locations as well as impacted customers. Also, not included is specific information regarding other gas companies that were compiled through the course of developing the load shed project. Enbridge is not submitting these sections of the report due to security concerns.

The process that deals with the force majeure, specifically PEC is detailed in the response to Federation of Rental Housing Providers of Ontario Interrogatory #14 at Exhibit I.A1.EGD.FRPO.14.

With reference to Figure 5 in Exhibit A, Tab 3, Schedule 1, in the event of a Parkway Station outage the flows through Markham, Richmond Hill, and Bathurst will not change appreciably. Flow through Lisgar and Victoria Square will increase until they reach the maximum contract flow rate. The flow through Lisgar and Victoria Square will be very similar and will account for approximately 45% each of the total system flow. However, with the loss of Parkway there will be insufficient supply and distribution capacity to maintain supply to firm customers.

- b) Enbridge has not experienced a reduced service due to disruptions at Parkway Gate station.