

ENBRIDGE GAS DISTRIBUTION INC. RESPONSE TO
FEDERATION OF RENTAL-HOUSING PROVIDERS OF ONTARIO
INTERROGATORY #10

INTERROGATORY

A. RELATED ISSUES

10. 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.

REF: EB-2012-0451 EX. A, Tab 3 Schedule 3

Preamble: EGD has described some of the limitations to its current system. The following are general questions in this area at the outset.

10. EGD has stated in its evidence that the paramount system pressure concern is the pressure of 225 psi at Station B (Footnote 7, page 6 of 24). However, it also states that Station B's inlet pressure is required to maintain the minimum contractual 200 psi to serve PEC (Footnote 10, page 7 of 24).
- a. Please specify the single minimum pressure required at station B inlet to meet EGD's customer needs.
 - b. If the 225 psi is needed at station B to maintain broader pipe network pressures, did EGD assess whether station B could be enhanced to decrease this inlet requirement while meeting the design flow?
 - c. If the 225 psi is needed to meet the minimum inlet at PEC, please provide the pressure drop between the inlet to station B and the customer station at PEC under design conditions and current contracted demand (peak hour).

RESPONSE

- a) The minimum pressure required at Station B is 1550 kPa (225psi).
- b) The rebuild of Station B was not considered. Please see response to part (c) of this question.
- c) The pressure drop from Station B to PEC is approximately 70kPa (10 psi). The pressure drop through the metering facilities at the PEC site is approximately an additional 70kPa (10psi). PEC's minimum contractual delivery pressure is 1380 kPa (200 psi).

Witness: E. Naczynski