

ENBRIDGE GAS DISTRIBUTION INC. RESPONSE TO  
FEDERATION OF RENTAL-HOUSING PROVIDERS OF ONTARIO  
INTERROGATORY #4

INTERROGATORY

A. RELATED ISSUES

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.

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.

4. For the purposes of analyzing the GTA system does EGD use a steady state or transient model?

RESPONSE

For purposes of analyzing the GTA system Enbridge uses both steady state and transient modeling. As discussed in the response to FRPO Interrogatory #3 at Exhibit I.A1.EGD.FRPO.3, these two types of analysis are different. It is Enbridge design practice that steady state modeling principles be utilized for facility design. Transient modeling is used to assess upset conditions and to manage supply contracts on a daily basis.