

BOMA INTERROGATORY #10

INTERROGATORY

Ref: Exhibit C2, Tab 1, Schedule 2, p10, Conversion of Degree Days

Please explain why the actual Environment Canada degree days and the Gas Supply degree days bear no constant relationship to one another over the multiyear period, and in the 2018 Forecast at Table 10, p10.

RESPONSE

Gas Supply and Environment Canada determine daily average temperature using different methods. Gas Control determines its daily average temperature by using the average temperature over a 24-hour period. Environment Canada determines its daily average temperature by averaging the daily minimum and maximum temperatures over a 24-hour period.

Although Environment Canada degree days differ slightly from Gas Supply degree days in how they are recorded, they are highly correlated with one another (but no constant relationship). Since the Company sets its volumes budget using Gas Supply degree days but the Board-approved methods require the longer data history supplied by Environment Canada, the Environment Canada degree day forecast is transformed to Gas Supply degree day forecast by regressing actual Gas Supply degree days onto actual Environment Canada degree days as outlined at EB-2017-0086, Exhibit C2, Tab 1, Schedule 2, pages 8 to 10, Tables 7 to 9.

Witness: M. Suarez  
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