

Ontario Energy Board
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Exhibit HDU2.2
Page 1 of 1

UNDERTAKING HDU2.2

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To provide answer as to the probability of peak design day occurring in March.

RESPONSE

EGD's design weather assumes peak day degree days of 39.5. Based on statistical analysis of historical weather data in CDA, there is a probability of 2.5% that degree days will equal or exceed 39.5 in the month of March. This corresponds to a recurrence interval of 1 in 40 years. While the probability of design day occurrence in March is low, there is a greater risk of supply inadequacy if the design day occurred in March. EGD's total storage deliverability declines by about 1 PJ on March 1 and 1.5 PJ by the end of March. Accordingly, if design day occurs in March, spot requirements of up to 1.5 PJ, may be required to replace the decline in storage deliverability in meeting demand. EDG expects it would be difficult to acquire this level of spot gas at Dawn or franchise area, especially during design day conditions. Many LDC's plan for design day conditions in March to ensure that they factor in the impact of reduced storage deliverability in March.

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