

Preamble: Page 4 of the TCCS Update says:

Reference: Appendix D – Bulk System Data

Request:

- (a) Please confirm that the percentage values for the graphs in Appendix D are calculated using a denominator equal to the average load observed in the period in question (pp.3-16) or the peak loading observed (maximum value observed) during the period under review (p.17).
- (b) Please redo the Appendix D graphs to show the Capacity Utilization Percentage of each line by plotting the line loading divided by the seasonal rated capacity for each line. (pp.3-16) For the duration curves of page 17, please produce a graph of the Capacity Utilization Percentage duration curve for each of the winter and summer seasons. (When redoing each graph **do not** use “absolute values” but plot both positive and negative amounts to ensure that opposing flows are reflected in the duration plots.)

Response:

- (a) Confirmed. For the graphs on pages 1 through 16 of Appendix D, the denominator used to calculate the percentage loading for each line was the annual average loading on the line. For the graphs on page 17 of Appendix D, the denominator used to calculate the percentage loading for each line was the annual peak loading on the line.
- (b) The requested graphs are provided in Attachment EnCana.AESO-025 (b). Please note that for lines representing Alberta Internal Load (AIL) data, the seasonal peak AIL was used to calculate capacity utilization.

The winter season includes the months October through March while the summer season includes the months April through September.