

**ENBRIDGE GAS DISTRIBUTION INC. (ENBRIDGE)  
RESPONSES TO INTERROGATORIES OF ED**

**INTERROGATORY #2**

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Please make best efforts to provide an estimate of the greenhouse gas emissions that would be produced by the consumption of natural gas by all customers estimated to convert to natural gas in the 40 communities currently under consideration by Enbridge for community expansion, cumulatively from the present until (a) 2020, (b) 2030, and (c) 2050. Assume that natural gas is expanded to all of the communities under consideration. Please make and state all necessary assumptions on a best efforts basis. Where possible, please use the same assumptions used in the profitability analysis and the stage 2 analysis contained in the Enbridge evidence.

**RESPONSE**

The greenhouse gas emissions produced by all customers by 2020, 2030 and 2050 are summarized in the following Table:

	<b>Natural Gas Consumption</b>		<b>GHG Emissions</b>	
	(106 m3)	GJ	tonnes	
Cumulative from 2017 to 2020 =	41.0	1,558,495	76,886	/c
Cumulative from 2017 to 2030 =	467.4	17,761,755	876,246	/c
Cumulative from 2017 to 2050 =	1,469.2	55,828,330	2,754,197	/c

These GHG emissions are substantially lower than GHG emissions produced from alternate fuels such as propane, light heating oil and electricity.