

ENBRIDGE GAS DISTRIBUTION INC. RESPONSE TO
TCPL INTERROGATORY #4

INTERROGATORY

Issue A1

Reference(s) (i) Exhibit A, Tab 3, Schedule 9 Attachment 1, Pages 4-6, Table A4 through Table A6: GTA Project Benefit Calculations, July 22, 2013 Update

Preamble

TransCanada notes that in reference (i) Tables A4, A5 and A6, the contracts for the "Increased Firm Transportation Scenario" is the same in all cases, with 600,000 TJ/d of contracts serving the EGD CDA. However, also in Tables A4, A5 and A6, the contracts for the "Expected Contracting with GTA Project Facilities Approved" is not the same in all cases, with Table A4 showing a total contract amount feeding into the EGD distribution system of 800,000 GJ/d but in Tables A5 and A6, showing a total contract amount feeding into the EGD distribution system of 600,000 GJ/d.

Request

(a) For each of the contracts stated in Tables A4, A5 and A6, for both the "Increased Firm Transportation Scenario" and the "Expected Contracting with GTA Project Facilities Approved", please provide, by year, the expected annual volume (GJs) that supports the calculations.

RESPONSE

Please see the tables below for the annual volumes underpinning the calculations contained in Tables A4 to A6.

Witness: J. Denomy

Table A4: Annual Volume for Scenario 1 - Previous Base Case

Increased Firm Transportation Scenario				
Service Path	TCPL FT-EGD Empress-EGD CDA	Peaking Supplies-EGD Empress-EGD CDA	TCPL FT - Direct Purchase Empress-EGD CDA	TCPL FT - Direct Purchase Dawn-EGD CDA
Contract Demand	294,494	105,506	157,768	42,232
2015	17,964,134	0	9,623,848	2,576,152
2016	107,784,804	1,055,056	57,743,088	15,456,912
2017	107,490,310	1,055,056	57,585,320	15,414,680
2018	107,490,310	1,055,056	57,585,320	15,414,680
2019	107,490,310	1,055,056	57,585,320	15,414,680
2020	107,784,804	1,055,056	57,743,088	15,456,912
2021	107,490,310	1,055,056	57,585,320	15,414,680
2022	107,490,310	1,055,056	57,585,320	15,414,680
2023	107,490,310	1,055,056	57,585,320	15,414,680
2024	107,784,804	1,055,056	57,743,088	15,456,912
2025	107,490,310	1,055,056	57,585,320	15,414,680
Expected Contracting With GTA Project Facilities Approved				
Service Path	Union M12-EGD Dawn-Parkway	TCPL FT-EGD Niagara Falls-Enbridge Parkway CDA	Union M12-Direct Purchase Dawn-Parkway	TCPL FT-EGD & Direct Purchase Parkway to Bram West CDA
Contract Demand	200,000	200,000	200,000	800,000
2015	5,764,134	12,200,000	12,200,000	17,964,134
2016	35,639,860	73,200,000	73,200,000	108,839,860
2017	35,545,366	73,000,000	73,000,000	108,545,366
2018	35,545,366	73,000,000	73,000,000	108,545,366
2019	35,545,366	73,000,000	73,000,000	108,545,366
2020	35,639,860	73,200,000	73,200,000	108,839,860
2021	35,545,366	73,000,000	73,000,000	108,545,366
2022	35,545,366	73,000,000	73,000,000	108,545,366
2023	35,545,366	73,000,000	73,000,000	108,545,366
2024	35,639,860	73,200,000	73,200,000	108,839,860
2025	35,545,366	73,000,000	73,000,000	108,545,366

Witness: J. Denomy

Table A5: Annual Volume for Scenario 2 - Current Base Case

Increased Firm Transportation Scenario				
Service Path	TCPL FT-EGD Empress-EGD CDA	Peaking Supplies-EGD Empress-EGD CDA	TCPL FT - Direct Purchase Empress-EGD CDA	TCPL FT - Direct Purchase Dawn-EGD CDA
Contract Demand	294,494	105,506	157,768	42,232
2015	17,964,134	0	9,623,848	2,576,152
2016	107,784,804	1,055,056	57,743,088	15,456,912
2017	107,490,310	1,055,056	57,585,320	15,414,680
2018	107,490,310	1,055,056	57,585,320	15,414,680
2019	107,490,310	1,055,056	57,585,320	15,414,680
2020	107,784,804	1,055,056	57,743,088	15,456,912
2021	107,490,310	1,055,056	57,585,320	15,414,680
2022	107,490,310	1,055,056	57,585,320	15,414,680
2023	107,490,310	1,055,056	57,585,320	15,414,680
2024	107,784,804	1,055,056	57,743,088	15,456,912
2025	107,490,310	1,055,056	57,585,320	15,414,680
Expected Contracting With GTA Project Facilities Approved				
Service Path	Union M12-EGD Dawn-Parkway	TCPL FT-EGD Niagara Falls-Enbridge Parkway CDA	Union M12-Direct Purchase Dawn-Parkway	TCPL FT-EGD & Direct Purchase Parkway to Bram West CDA
Contract Demand	200,000	200,000	200,000	0
2015	5,764,134	12,200,000	12,200,000	0
2016	35,639,860	73,200,000	73,200,000	0
2017	35,545,366	73,000,000	73,000,000	0
2018	35,545,366	73,000,000	73,000,000	0
2019	35,545,366	73,000,000	73,000,000	0
2020	35,639,860	73,200,000	73,200,000	0
2021	35,545,366	73,000,000	73,000,000	0
2022	35,545,366	73,000,000	73,000,000	0
2023	35,545,366	73,000,000	73,000,000	0
2024	35,639,860	73,200,000	73,200,000	0
2025	35,545,366	73,000,000	73,000,000	0

Witness: J. Denomy

Table A6: Annual Volume for Scenario 3 - No Niagara Supply

Increased Firm Transportation Scenario				
Service Path	TCPL FT-EGD Empress-EGD CDA	Peaking Supplies-EGD Empress-EGD CDA	TCPL FT - Direct Purchase Empress-EGD CDA	TCPL FT - Direct Purchase Dawn-EGD CDA
Contract Demand	294,494	105,506	157,768	42,232
2015	17,964,134	0	9,623,848	2,576,152
2016	107,784,804	1,055,056	57,743,088	15,456,912
2017	107,490,310	1,055,056	57,585,320	15,414,680
2018	107,490,310	1,055,056	57,585,320	15,414,680
2019	107,490,310	1,055,056	57,585,320	15,414,680
2020	107,784,804	1,055,056	57,743,088	15,456,912
2021	107,490,310	1,055,056	57,585,320	15,414,680
2022	107,490,310	1,055,056	57,585,320	15,414,680
2023	107,490,310	1,055,056	57,585,320	15,414,680
2024	107,784,804	1,055,056	57,743,088	15,456,912
2025	107,490,310	1,055,056	57,585,320	15,414,680
Expected Contracting With GTA Project Facilities Approved				
Service Path	Union M12-EGD Dawn-Parkway	TCPL FT-EGD Niagara Falls-Enbridge Parkway CDA	Union M12-Direct Purchase Dawn-Parkway	TCPL FT-EGD & Direct Purchase Parkway to Bram West CDA
Contract Demand	400,000	0	200,000	0
2015	17,964,134	0	12,200,000	0
2016	108,839,860	0	73,200,000	0
2017	108,545,366	0	73,000,000	0
2018	108,545,366	0	73,000,000	0
2019	108,545,366	0	73,000,000	0
2020	108,839,860	0	73,200,000	0
2021	108,545,366	0	73,000,000	0
2022	108,545,366	0	73,000,000	0
2023	108,545,366	0	73,000,000	0
2024	108,839,860	0	73,200,000	0
2025	108,545,366	0	73,000,000	0

Witness: J. Denomy