GTA Reference Material

Economic Sensitivity Results

Column #	1	2	3	4	5	6	7
Document Type:	**Undertaking**	**Evidence**	**Evidence**	**Evidence**	**Evidence**	**Evidence**	**Evidence**
Scenario Description:	Previous Base Case **36'' Shared with TransCanada**	Current Base Case **42''**	Current Base Case with 75% Transportation Savings **42''**	Current Base Case with 50% Transportation Savings **42''**	Current Base Case with 0% Transportation Services Charges **42''**	Current Base Case with No Customer Additions **42"**	Current Base Case with 10% Increase in Capital Cost **42"**
Filed Date:	6/18/2013	7/22/2013	7/22/2013	7/22/2013	7/22/2013	7/22/2013	7/22/2013
Reference:	Ex. JT2.16, pg 2	Ex. E, Tab 1, Sch. 1	Update No. 6 Ex. A, Tab 3, Sch. 9	Update No. 6 Ex. A, Tab 3, Sch. 9	Update No. 6 Ex. A, Tab 3, Sch. 9	Update No. 6 Ex. A, Tab 3, Sch. 9	Update No. 6 Ex. A, Tab 3, Sch. 9
Capital Investment							
Total Upfront Capital	$554,575,341	$652,144,124	$652,144,124	$652,144,124	$652,144,124	$652,144,124	$717,358,537
Future Reinforcement Projects							
2017	$21,000,000	$21,000,000	$21,000,000	$21,000,000	$21,000,000	$0	$23,100,000
2018	$16,400,000	$16,400,000	$16,400,000	$16,400,000	$16,400,000	$0	$18,040,000
2019	$13,000,000	$13,000,000	$13,000,000	$13,000,000	$13,000,000	$0	$14,300,000
2020	$250,000	$250,000	$250,000	$250,000	$250,000	$0	$275,000
Capital Maintenance Costs[1]	$5,218,238	$5,230,240	$5,230,240	$5,230,240	$5,230,240	$5,230,240	$5,753,264
Services[2]	$379,533,696	$379,533,696	$379,533,696	$379,533,696	$379,533,696	$0	$417,487,066
Total Capital	$989,977,275	$1,087,558,060	$1,087,558,060	$1,087,558,060	$1,087,558,060	$657,374,364	$1,196,313,866
Total Transportation Savings[3]	$1,465,078,594	$1,732,650,739	$1,299,488,054	$866,325,369	$1,732,650,739	$1,732,650,739	$1,732,650,739
Total Transportation Services Charge[1,4]	$277,595,905	$471,256,624	$471,256,624	$471,256,624	$0	$471,256,624	$517,377,889
Total Distribution Revenues[1]	$4,546,724,222	$4,546,724,222	$4,546,724,222	$4,546,724,222	$4,546,724,222	$0	$4,546,724,222
Total Customer Additions (2015 - 2024)	146,337	146,337	146,337	146,337	146,337	-	146,337
Total Volumes (10^3m^3)	24,709,032	24,709,032	24,709,032	24,709,032	24,709,032	-	24,709,032
SUMMARY OF RESULTS							
Net Present Value (40 years)	$551,186,248	$667,432,377	$453,688,742	$239,945,108	$509,342,599	$449,816,391	$600,770,866
Variance to Current Base Case NPV (40 years)			($213,743,634)	($427,487,268)	($158,089,778)	($217,615,985)	($66,661,511)
Profitability Index (40 years)	1.67	1.73	1.50	1.26	1.56	1.75	1.60

NOTES:

[1]Total for the 40 year horizon of analysis.

[2]Services include the costs for distribution mains, services and meters based on the 2013 capital budget.

[3]Total transportation savings, considered from 2015 to 2025 only, are equal to expected gas supply benefits and incorporate the total cost of landing gas in the Enbridge franchise area including costs associated with tolls, fuel and commodity procurement (i.e. basis differentials) Prepared with TransCanada tolls based on the NEB's Toll Order TG-006-2013 (issued June 11, 2013) which made TransCanada's Compliance Filing tolls final and effective July 1, 2013 /u

[4]Transportation Services Charges to be received from contracted shippers for transportation from Parkway West to to Albion. (Current Base Case)