

SUMMARY OF GAS COST TO OPERATIONS
YEAR ENDED DECEMBER 31, 2018

Item #	Col. 1 10 ³ m ³	Col. 2 \$(000)	Col. 3 \$/10 ³ m ³ (Col.2 / Col.1)	Col. 4 \$/GJ (Col.3 / 38.42)	Col. 5 % Change from Previous QRAM	
<u>Western Canadian Supplies</u>						
1.1	Alberta Production	0.0	0.0	0.000	0.000	0.0%
1.2	Western - @ Empress - TCPL	1,359,426.2	131,694.9	96.875	2.521	2.9%
1.3	Western - @ Nova - TCPL	475,013.0	34,577.4	72.793	1.895	-19.4%
1.4	Western Buy/Sell - with Fuel	380.0	38.4	100.980	2.628	1.8%
1.5	Western - @ Alliance	-	-	0.000	-	0.0%
1.6	Less TCPL Fuel Requirement	(69,861.8)	0.0			
1.	Total Western Canadian Supplies	1,764,957.5	166,310.7	94.229	2.453	-1.8%
2.	<u>Peaking Supplies</u>	3,520.5	2,381.4	676.435	17.606	n/a
3.	<u>Ontario Production</u>	358.0	50.2	140.225	3.650	n/a
4.	<u>Chicago Supplies</u>	651,515.0	87,826.0	134.803	3.509	-0.1%
5.	<u>Delivered Supplies</u>	2,613,645.4	374,588.7	143.320	3.730	-1.7%
6.	<u>Niagara Supplies</u>	1,900,052.1	251,421.8	132.324	3.444	8.4%
7.	<u>Link Supplies</u>	-	-	0.000	-	n/a
8.	<u>Dominion Supplies</u>	1,102,563.7	124,673.8	113.076	2.943	n/a
9.	<u>Total Supply Costs</u>	8,036,612.1	1,007,252.6	125.333	3.262	-0.4%
<u>Transportation Costs</u>						
10.1	TCPL - FT - Demand		141,425.2			
10.2	- FT - Commodity	1,764,957.5	0.0			
10.3	TCPL - Niagara Falls to Enb. Pkwy CDA		18,221.4			
10.4	- Firm Transportation Short Notice		6,426.5			
10.5	TCPL - Dawn to CDA		19,102.6			
10.6	- Dawn to EDA		30,353.9			
10.7	- Dawn to Iroquois		10,233.9			
10.8	- Parkway to CDA		7,397.7			
10.9	- Parkway to EDA		64,612.4			
10.10	Other Charges		0.0			
10.11	Nova Transmission		7,345.4			
10.12	Alliance Pipeline		0.0			
10.13	Vector Pipeline		13,616.8			
10.14	Nexus Pipeline		35,784.7			
10.15	Niagara Link Pipeline		0.0			
10.	Total Transportation Costs		354,520.4			
11.	Total Before PGVA Adjustment	8,036,612.1	1,361,773.0	169.446	4.410	1.2%
12.	PGVA Adjustment		0.0			
13.	<u>Total Purchases & Receipt</u>	8,036,612.1	1,361,773.0	169.446	4.410	
14.	October 1, 2017 PGVA Reference Price - as per note			164.267	4.358	
15.	Upstream Increase/Decrease on 2018 PGVA Reference Price			5.179	0.052	
16.	Updated T-Service Transportation Costs	704,240.3	54,715.1	77.694	2.022	
17.	T-Service Transportation Costs - 2018 forecasted volumes at October 1, 2017 QRAM TCPL tolls	704,240.3	53,673.0	76.214	2.022	
18.	Upstream Increase on T-Service Costs			1.480	0.000	
19.	Dawn T-Service Transportation Costs	2,200,721.4	26,861.6	12.206	0.318	
note:						
EB-2017-0086 Exhibit D1, Tab 2, Schedule 5, page 1 of 2, Item # 12				188.611		
EB-2017-0281 Exhibit Q4-3, Tab 1, Schedule 1, page 1 of 1, Item # 13				(24.344)		
				164.267		