

Summary of Gas Cost to Operations
Year ended March 31, 2019

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	121,357.1	89.271	2.324	-7.8%
1.3	Western - @ Nova - TCPL	475,013.0	25,634.7	53.966	1.405	-25.9%
1.4	Western Buy/Sell - with Fuel	380.0	35.4	93.195	2.426	-7.7%
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	147,027.2	83.304	2.168	-11.6%
2.	<u>Peaking Supplies</u>	3,520.5	1,579.9	448.786	11.681	n/a
3.	<u>Ontario Production</u>	358.0	46.4	129.506	3.371	n/a
4.	<u>Chicago Supplies</u>	651,515.0	79,393.0	121.859	3.172	-9.6%
5.	<u>Delivered Supplies</u>	2,613,645.4	338,325.5	129.446	3.369	-9.7%
6.	<u>Niagara Supplies</u>	1,900,052.1	229,946.3	121.021	3.150	-8.5%
7.	<u>Link Supplies</u>	-	-	0.000	-	n/a
8.	<u>Dominion Supplies</u>	1,102,563.7	110,800.1	100.493	2.616	-11.1%
9.	<u>Total Supply Costs</u>	8,036,612.1	907,118.4	112.873	2.938	-9.9%
<u>Transportation Costs</u>						
10.1	TCPL - FT - Demand		135,088.2			
10.2	- FT - Commodity	1,764,957.5	0.0			
10.3	TCPL - Niagara Falls to Enb. Pkwy CDA		15,893.6			
10.4	- Firm Transportation Short Notice		5,598.8			
10.5	TCPL - Dawn to CDA		16,768.5			
10.6	- Dawn to EDA		26,614.4			
10.7	- Dawn to Iroquois		8,973.7			
10.8	- Parkway to CDA		6,447.7			
10.9	- Parkway to EDA		56,473.4			
10.10	Other Charges		0.0			
10.11	Nova Transmission		6,618.0			
10.12	Alliance Pipeline		0.0			
10.13	Vector Pipeline		13,404.7			
10.14	Nexus Pipeline		35,227.2			
10.15	Niagara Link Pipeline		0.0			
10.	Total Transportation Costs		327,108.1			
11.	Total Before PGVA Adjustment	8,036,612.1	1,234,226.5	153.575	3.997	-9.4%
12.	PGVA Adjustment		0.0			
13.	<u>Total Purchases & Receipt</u>	8,036,612.1	1,234,226.5	153.575	3.997	
14.	January 1, 2018 PGVA Reference Price - as per note			169.446	4.410	
15.	Upstream Increase/Decrease on 2018 PGVA Reference Price			(15.871)	(0.413)	
16.	Updated T-Service Transportation Costs	704,240.3	52,263.6	74.213	1.932	
17.	T-Service Transportation Costs - 2018 forecasted volumes at January 1, 2018 QRAM TCPL tolls	704,240.3	54,715.1	77.694	2.022	
18.	Upstream Increase/Decrease on T-Service Costs			(3.481)	(0.091)	
19.	Updated Dawn T-Service Transport Costs	2,200,721.4	25,499.5	11.587	0.302	
20.	Dawn T-Service Transport Costs - 2018 forecasted volumes at January 1, 2018 QRAM TCPL tolls	2,200,721.4	26,861.6	12.206	0.318	
21.	Upstream Increase/Decrease on Dawn T-Service Costs			(0.619)	(0.016)	