

**Centra Gas Manitoba Inc.
2019/20 General Rate Application
Tab 8 - Schedule Index**

Schedule Number	Schedule Name
8.5.0	2014/15 Gas Cost Summary
8.5.1	2014/15 Gas Year Primary Gas PGVA
8.5.2	a & b 2014/15 Gas Year Supplemental Gas PGVA (a) Actual; (b) Actual vs. Interim Approved Forecast
8.5.3	a & b 2014/15 Gas Year Transportation PGVA (a) Actual; (b) Actual vs. Interim Approved Forecast
8.5.4	a & b 2014/15 Gas Year Distribution PGVA (a) Actual; (b) Actual vs. Interim Approved Forecast
8.5.5	2014/15 Gas Year Heating Value Margin Deferral Account
8.5.6 (a)	October 31, 2015 Prior Period Deferral Account Comparison
8.5.6 (b)	October 31, 2015 Prior Period Deferral Account Amortization Summary
8.6.0	2015/16 Gas Cost Summary
8.6.1	2015/16 Gas Year Primary Gas PGVA
8.6.2	a & b 2015/16 Gas Year Supplemental Gas PGVA (a) Actual; (b) Actual vs. Interim Approved Forecast
8.6.3	a & b 2015/16 Gas Year Transportation PGVA (a) Actual; (b) Actual vs. Interim Approved Forecast
8.6.4	a & b 2015/16 Gas Year Distribution PGVA (a) Actual; (b) Actual vs. Interim Approved Forecast
8.6.5	2015/16 Gas Year Heating Value Margin Deferral Account
8.7.0	2016/17 Gas Cost Summary
8.7.1	2016/17 Gas Year Primary Gas PGVA
8.7.2	a & b 2016/17 Gas Year Supplemental Gas PGVA (a) Actual; (b) Actual vs. Interim Approved Forecast
8.7.3	a & b 2016/17 Gas Year Transportation PGVA (a) Actual; (b) Actual vs. Interim Approved Forecast
8.7.4	a & b 2016/17 Gas Year Distribution PGVA (a) Actual; (b) Actual vs. Interim Approved Forecast
8.7.5	2016/17 Gas Year Heating Value Margin Deferral Account
8.8.0	2017/18 Gas Cost Summary
8.8.1	2017/18 Gas Year Primary Gas PGVA
8.8.2	a & b 2017/18 Gas Year Supplemental Gas PGVA (a) Actual; (b) Actual vs. Interim Approved Forecast
8.8.3	a & b 2017/18 Gas Year Transportation PGVA (a) Actual; (b) Actual vs. Interim Approved Forecast
8.8.4	a & b 2017/18 Gas Year Distribution PGVA (a) Actual; (b) Actual vs. Interim Approved Forecast
8.8.5	2017/18 Gas Year Heating Value Margin Deferral Account
8.8.6	Summary of All Non-Primary Gas Cost Deferral Balances to July 31, 2019
8.9.1	2018/19 Gas Year Forecast - Fixed and Variable Transportation Unit Costs, Unit Supply Prices, Fuel Ratios, UFG and Heat
8.9.2	2018/19 Gas Year Forecast - Contract Demand Levels & Forecast Purchase Requirements
8.9.3	a & b 2018/19 Gas Year Forecast - Purchase Cost of Gas Supplied to Load (a) Monthly Detail; (b) Annual Summary
8.9.4	Difference Between 2018/19 Gas Year Forecasted Non-Primary Gas Costs and Non-Primary Gas Costs Recoverable With
8.9.5	Comparison of Approved and 2018/19 Test Year Forecast

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Actual Gas Costs for 2014/15 Gas Year

Schedule 8.5.0

	Gas Year Actual	Interim Approved Forecast	Actual vs. Interim Approved Forecast	
1 Fixed Costs				
2 TCPL				1e
3 [REDACTED]				1a
4 ANR				1e
5 GLGT				1e
6 Swan Valley & RM of Piney service territories				1e
7				
8 Total Fixed Costs	\$62,555,677	\$62,382,467	\$173,210	
9				
10 Variable Transportation Costs				
11 TCPL	\$30,778	\$22,549	\$8,228	
12 ANR	\$301,501	\$301,501	\$0	
13 GLGT	\$262,210	\$262,210	\$0	
14 Storage Gas - Transportation & Delivery Cost				1e
15 Supplemental Gas Delivered Service Imputed Transportation Cost				1a
16 Compressor Fuel Cost				1a
17 Miscellaneous Transportation Cost	\$76,029	\$76,004	\$26	
18 Primary Gas Delivered Service Imputed Transportation Cost				1a
19				
20 Total Variable Transport Costs	\$5,144,744	\$5,164,305	(\$19,560)	
21				
22 Supply Costs				
23 Primary				1a
24 Supplemental				1a
25 Supplemental Gas - Alternate Service for Curtailed Interruptibles				1a
26				
27 Total Supply Costs	\$170,990,566	\$173,130,602	(\$2,140,037)	
28				
29 Other				
30 Minell	\$198,444	\$198,444	\$0	
31 Capacity Management	(\$3,135,644)	(\$3,727,190)	\$591,546	
32 Load Balancing Charges	\$220,912	\$257,089	(\$36,177)	
33				
34 Total Other	(\$2,716,288)	(\$3,271,658)	\$555,369	
35				
36 Total Gas Cost Inflows	\$235,974,699	\$237,405,717	(\$1,431,018)	
37				
38 Purchased Volumes Excluding Primary WTS Supply (GJ)				
39 Primary Gas				1d
40 Supplemental Gas				1d
41 Supplemental Gas - Alternate Supply Service				1d
42 Total Volumes Excluding Primary WTS Supply (GJ)				1d
43				
44 Total Effective Heating Degree Days				1d
45				

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Purchase Variance Account - Primary Gas Account
 2014/15 Gas Year Actual

Schedule 8.5.1

	Oct-14	Actual Nov-14	Actual Dec-14	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Total	
1 Inflows															
2															
3 Primary Gas Direct to Load															1a
4 Primary Gas from Storage															1a
5 Primary Gas Delivered Service															1a
6 Compressor Fuel for Primary Gas															1a
7															
8 Total Inflows															1e
9 Less: UFG Component to Distribution PGVA		(\$310,379)	(\$346,151)	(\$319,923)	(\$268,078)	(\$146,031)	(\$129,869)	(\$97,729)	(\$77,051)	(\$61,341)	(\$73,399)	(\$73,117)	(\$126,130)	(\$2,029,207)	
10 Less: UFG True-up Transferred from Distribution PGVA		\$0	\$0	\$0	\$0	\$0	\$0	\$568,715	\$0	\$0	\$0	\$0	\$0	\$568,715	
11 Less: FRPGS Cost of Gas		(\$40,023)	(\$56,707)	(\$46,717)	(\$43,761)	(\$25,707)	(\$21,966)	(\$9,285)	(\$3,728)	(\$1,758)	(\$1,268)	(\$3,361)	(\$8,810)	(\$263,091)	
12 Net After UFG Transfer															1a
13															
14 Outflows															
15 WACOG Outflows															1e
16 Primary Gas PGVA Rider Amortization															1e
17 Total Outflows															1e
18															
19 Carrying Costs															1e
20															
21 Net Balance															1a
22															
23 GJ															
24 Primary Gas Direct to Load															1d
25 Primary Gas from Storage															1d
26 Primary Gas Delivered Service															1d
27 Total															1d
28															
29 Monthly Unit Costs- \$/GJ															Volume Weighted Average
30 Primary Gas Direct to Load															1a
31 Primary Supply from Storage															1a
32 Primary Gas Delivered Service															1a
33 Primary Gas Average Unit Cost inc. Compressor Fuel															1a
34															
35															
36 Monthly Index Prices- \$/GJ															Arithmetic Average
37 Aeoco Index Price		\$3.59	\$3.94	\$3.19	\$2.60	\$2.59	\$2.54	\$2.42	\$2.63	\$2.45	\$2.71	\$2.79	\$2.70	\$2.85	
38 Empress Index Price		\$3.67	\$4.20	\$3.60	\$2.93	\$2.83	\$2.67	\$2.60	\$2.82	\$2.65	\$2.90	\$2.98	\$2.88	\$3.06	

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Purchase Gas Variance Account - Supplemental Gas
 2014/15 Gas Year Actual

Schedule 8.5.2 (a)

	Actual Nov-14	Actual Dec-14	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Total	
1 Inflows														
2 Supplemental Supply Direct to the Load														1a
3 Storage Gas - Supplemental Supply														1a
4 Supplemental Gas Delivered Service														1a
5 Alternate Supply Service														1a
6														
7 Total Inflows														1e
8 Less: UFG Component to Distribution PGVA	(\$32,360)	(\$51,895)	(\$64,816)	(\$84,822)	(\$103,747)	(\$10,035)	(\$3,130)	(\$254)	\$0	(\$9b)	(\$444)	(\$3,110)	(\$384,703)	
9 Less: UFG True-up Transferred from Distribution PGVA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$93,459	\$0	\$0	\$0	\$0	\$93,459	
10 Net Inflow After UFG Transfer														1e
11														
12 Outflows														
13 WACOG Outflows														1a
14 WACOG on Alternate Supply Service														1a
15 Total Outflows														1e
16														
17 Carrying Costs														1a
18														
19 Net Balance														
20														
21 Gj														
22 Supplemental Supply Direct to the Load														1d
23 Storage Gas - Supplemental Supply														1d
24 Supplemental Gas Delivered Service														1d
25 Alternate Supply Service														1d
26 Total														1d
27														
28														
29 Monthly Unit Costs- \$/GJ														Volume Weighted Average
30 Supplemental Supply Direct to the Load														1a
31 Storage Gas - Supplemental Supply														1a
32 Supplemental Gas Delivered Service														1a
33 Overall Supplemental Gas Average Unit Cost														1a
34 Alternate Supply Service														1a
35														
36 Monthly Index Prices- \$/GJ														Arithmetic Average
37 Emerson Index Price	\$4.20	\$5.59	\$4.28	\$3.59	\$4.57	\$3.06	\$3.13	\$3.27	\$3.34	\$3.56	\$3.49	\$3.37	\$3.79	
38 Michigan City Gate Index Price	\$4.19	\$5.11	\$3.67	\$3.22	\$3.78	\$3.18	\$3.43	\$3.19	\$3.48	\$3.64	\$3.75	\$3.28	\$3.66	
39 NYMEX Index Price	\$4.04	\$4.71	\$3.84	\$3.40	\$3.48	\$2.98	\$2.97	\$3.33	\$3.43	\$3.62	\$3.35	\$3.18	\$3.53	
40 Chicago/Joliet Index Price	\$4.12	\$5.73	\$4.45	\$3.62	\$4.51	\$2.98	\$2.89	\$3.39	\$3.34	\$3.62	\$3.50	\$3.39	\$3.79	

Centra Gas Manitoba Inc.
2019/20 General Rate Application
Purchase Gas Variance Account - Supplemental Gas
2014/15 Actual vs. Interim Approved Forecast

Schedule 8.5.2 (b)
 March 8, 2019

	Actual	Interim Approved Forecast	Actual vs. Interim Approved Forecast
1 Inflows			
2 Supplemental Supply Direct to the Load			1a
3 Storage Gas - Supplemental Supply			1a
4 Supplemental Gas Delivered Service			1a
5 Alternate Supply Service			1a
6			
7 Total Inflows			1e
8 Less: UFG Component to Distribution PGVA	(\$354,703)	(\$351,492)	(\$3,211)
9 Less: UFG True-up Transferred to Distribution PGVA	\$93,459	\$93,459	\$0
10 Net Inflow After UFG Transfer			1e
11			
12 Outflows			
13 WACOG Outflows			1a
14 WACOG on Alternate Supply Service			1a
15 Total Outflows			1e
16			
17 Carrying Costs			1e
18			
19 Net Balance		\$563,931	1a
20			
21 Supplemental Gas GJ's - System Supply (includes UFG)			1d
22 Alternate Supply Service GJ's			1d
23 Supplemental Gas Average Unit Cost - \$/GJ			1a
24 Alternate Supply Service Average Unit Cost - \$/GJ			1a

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Purchase Variance Account - Transportation
 2014/15 Gas Year Actual

Schedule 8.5.3 (a)

	Actual Nov-14	Actual Dec-14	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Total
1 Inflows													
2													
3 Fixed Cost													
4 TCPL													
5													
6 ANR													
7 GLGT													
8 Swan Valley & RM of Piney service territories													
9													
10 Total Fixed Costs	\$4,405,522	\$5,153,198	\$6,034,465	\$6,007,464	\$5,142,974	\$5,603,120	\$4,854,019	\$4,856,770	\$4,820,363	\$4,839,445	\$4,857,986	\$5,780,350	\$62,555,677
11													
12 Variable Costs													
13 TCPL	\$5,793	\$2,250	\$504	\$0	\$5,390	\$2,904	\$5,709	\$0	\$975	\$0	\$833	\$6,420	\$30,778
14 ANR	\$58,497	\$47,958	\$67,405	\$75,441	\$34,239	\$17,961	\$0	\$0	\$0	\$0	\$0	\$0	\$301,501
15 GLGT	\$43,013	\$43,909	\$61,983	\$71,398	\$26,212	\$1,818	\$13,876	\$0	\$0	\$0	\$0	\$0	\$282,210
16 Storage Gas - Transportation & Delivery Cost	\$429,178	\$346,578	\$444,371	\$505,661	\$226,329	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,952,117
17 Supplemental Gas Delivered Service Imputed Transportation Cost													
18 Compressor Fuel for Storage and Supplemental Gas													
19 Primary Gas Delivered Service Imputed Transportation Cost													
20													
21 Total Variable Costs	\$638,761	\$534,262	\$738,705	\$870,758	\$395,097	\$284,865	\$32,131	(\$55)	\$975	\$103	\$6,142	\$19,157	\$3,499,000
22													
23 Other													
24 TCPL Balancing Fees	\$7,638	\$7,012	\$4,608	\$3,268	\$3,468	\$66,111	\$82,724	\$6,260	\$2,357	\$7,554	\$2,704	\$27,209	\$220,912
25 Capacity Management													(\$3,135,844)
26 Miscellaneous Transportation													\$76,029
27													
28 Total Inflows	\$4,989,264	\$5,571,361	\$6,501,877	\$6,294,884	\$5,168,542	\$6,039,563	\$4,853,861	\$4,574,040	\$4,478,202	\$4,481,692	\$4,532,545	\$5,730,143	\$63,215,974
29													
30 Outflows													
31 WACOG Outflows	\$6,608,092	\$7,325,720	\$8,324,042	\$8,384,401	\$5,422,065	\$3,252,147	\$2,054,626	\$1,344,961	\$1,063,928	\$1,095,723	\$1,228,881	\$2,705,779	\$48,790,366
32													
33 Carrying Costs	(\$1,264)	(\$4,054)	(\$6,590)	(\$7,396)	(\$9,865)	(\$8,249)	(\$4,754)	(\$472)	\$3,695	\$7,479	\$11,148	\$15,388	(\$4,934)
34													
35 Net Balance	(\$1,620,093)	(\$3,378,506)	(\$5,207,262)	(\$7,284,174)	(\$7,547,563)	(\$4,768,396)	(\$1,973,915)	\$1,254,693	\$4,672,662	\$8,086,110	\$11,380,922	\$14,420,674	

2019/20 General Rate Application
Purchase Variance Account - Transportation
2014/15 Actual vs. Interim Approved Forecast

Schedule 8.5.3 (b)

	Actual	Interim Approved Forecast	Actual vs. Interim Approved Forecast
1 <u>Inflows</u>			
2			
3 <u>Fixed Cost</u>			
4 TCPL			
5			
6 ANR			1e
7 GLGT			1a
8 Swan Valley & RM of Piney service territories			1e
9			1e
10 Total Fixed Costs	\$62,555,677	\$62,382,467	\$173,210
11			
12 <u>Variable Costs</u>			
13 TCPL	\$30,778	\$22,549	\$8,228
14 ANR	\$301,501	\$301,501	\$0
15 GLGT	\$262,210	\$262,210	\$0
16 Storage Gas - Transportation & Delivery Cost	\$1,952,117	\$1,952,117	\$0
17 Supplemental Gas Delivered Service Imputed Transportation Cost			1a
18 Compressor Fuel for Storage and Supplemental Gas			1a
19 Primary Gas Delivered Service Imputed Transportation Cost			1a
20			
21 Total Variable Costs	\$3,499,000	\$3,473,267	\$25,734
22			
23 <u>Other</u>			
24 TCPL Balancing Fees	\$220,912	\$257,089	(\$36,177)
25 Capacity Management	(\$3,135,644)	(\$3,727,190)	\$591,546
26 Miscellaneous Transportation	\$76,029	\$76,004	\$26
27			
28 Total Inflows	\$63,215,974	\$62,461,636	\$754,338
29			
30 <u>Outflows</u>			
31 WACOG Outflows	\$48,790,366	\$49,577,869	(\$787,503)
32			
33 Carrying Costs	(\$4,934)	\$13,059	(\$17,993)
34			
35 Net Balance	\$14,420,674	\$12,896,825	\$1,523,849

Centra Gas Manitoba Inc.
2019/20 General Rate Application
Purchase Gas Variance Account - Distribution
2014/15 Gas Year Actual

Schedule 8.5.4 (a)

	Actual Nov-14	Actual Dec-14	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Total
Inflows													
1 Minell Pipeline Charges	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$198,444
2 UFG Costs Transferred In From Primary and Supplemental Gas PGVA's	\$342,739	\$398,046	\$384,739	\$352,899	\$249,779	\$139,903	\$100,859	\$77,315	\$61,341	\$73,489	\$73,561	\$129,240	\$2,383,910
3 UFG True-up Impacts Transferred to Primary & Supplemental Gas PGVA's	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$662,174)	\$0	\$0	\$0	\$0	(\$662,174)
4													
5 Total Inflows	\$359,276	\$414,583	\$401,276	\$369,436	\$266,316	\$156,440	\$117,396	(\$568,321)	\$77,878	\$90,026	\$90,098	\$145,777	\$1,920,180
6													
Outflows													
7 WACOG Outflows	\$304,442	\$327,016	\$362,191	\$361,934	\$247,217	\$153,901	\$103,990	\$73,301	\$63,038	\$62,819	\$69,725	\$133,033	\$2,262,606
8													
9 Carrying Costs	\$43	\$160	\$248	\$219	\$264	\$280	\$307	(\$126)	(\$510)	(\$456)	(\$419)	(\$417)	(\$407)
10													
11													
12 Net Balance	\$54,876	\$142,603	\$181,937	\$189,658	\$209,021	\$211,840	\$225,553	(\$416,195)	(\$401,866)	(\$375,115)	(\$355,161)	(\$342,833)	

Centra Gas Manitoba Inc.
2019/20 General Rate Application
Purchase Gas Variance Account - Gas Year Distribution
2014/15 Actual vs. Interim Approved Forecast

Schedule 8.5.4 (b)

	Actual	Interim Approved Forecast	Actual vs. Interim Approved Forecast
1 <u>Inflows</u>			
2 Minell Pipeline Charges	\$198,444	\$198,444	\$0
3 UFG Costs Transferred From Primary & Supplemental PGVA's	\$2,383,910	\$2,413,759	(\$29,849)
4 UFG True-up Impacts Transferred to Primary & Supplemental PGVA's	(\$662,174)	(\$662,174)	\$0
5 Total Inflows	\$1,920,180	\$1,950,030	(\$29,849)
6			
7 <u>Outflows</u>			
8 WACOG Outflows	\$2,262,606	\$2,302,223	(\$39,617)
10 Total Outflows	\$2,262,606	\$2,302,223	(\$39,617)
11			
12 Carrying Costs	(\$407)	(\$1,231)	\$824
13			
14 Net Balance	(\$342,833)	(\$353,424)	\$10,591

	Actual <u>Nov-14</u>	Actual <u>Dec-14</u>	Actual <u>Jan-15</u>	Actual <u>Feb-15</u>	Actual <u>Mar-15</u>	Actual <u>Apr-15</u>	Actual <u>May-15</u>	Actual <u>Jun-15</u>	Actual <u>Jul-15</u>	Actual <u>Aug-15</u>	Actual <u>Sep-15</u>	Actual <u>Oct-15</u>	<u>Total</u>
1 Heating Value (GJ/10 ³ m ³)	37.96	37.96	38.24	38.46	38.11	38.11	38.02	38.07	38.05	37.92	38.02	38.41	
2	[REDACTED]												
3 Heating Value Revenue Deferral													
4 Heating Value Cost Deferral													
5 Heating Value Margin Deferral													
6													
7 Carrying Costs	[REDACTED]												
8													
9													
10 Net Balance	[REDACTED]												

	Actual	Pre-Hearing Update ¹	Variance	Variance Explanation
1 October 31, 2014 Prior-Period Supplemental Gas Cost Deferral	\$23,113,874	\$22,628,457	\$485,417	Warmer than normal temperatures from July to October 2015 reduced volumetric consumption and associated deferral amortizations.
2 October 31, 2014 Prior-Period Non-Supplemental Gas Cost Deferral	(\$444,787)	(\$421,041)	(\$23,746)	
3				
4 2014/15 Gas Year Balances				
5 Supplemental PGVA		\$563,931		
6 Transportation PGVA	\$14,420,674	\$12,896,825	\$1,523,849	\$0.8 M lower than forecast July through October 2015 WACOG outflows due to warmer than normal weather, \$0.6 M lower than forecast Capacity Management revenues, \$0.2 M Transportation cost inflow increase mainly attributable to foreign exchange rate conversion (i.e. actual CAD/USD of \$1.32 vs. forecast of \$1.28), which are slightly offset by \$0.1 M of cost reductions relating to lower than forecast TCPL Balancing Fees and Transportation PGVA carrying costs
7 Distribution PGVA	(\$342,833)	(\$353,424)	\$10,591	
8 Heating Value Margin Deferral		\$774,051		
9				
10 Total All Non-Primary Gas Cost Deferral Account Balances as at October 31, 2015		\$36,088,798		
11				
12 Note 1 Pre-Hearing Update includes actual results to June 2015 and outlook results for July through October 2015 based on a July 31, 2015 Futures Market Strip				
13				

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Actual Gas Costs for 2015/16 Gas Year

Schedule 8.6.0

	Actual	Interim Approved Forecast	Actual vs. Interim Approved Forecast	
1 Fixed Costs				
2 TCPL				1e
3 [REDACTED]				1a
4 ANR				1e
5 GLGT				1e
6 Swan Valley & RM of Piney service territories				1e
7				
8 Total Fixed Costs	\$60,213,369	\$63,183,431	(\$2,970,062)	
9				
10 Variable Transportation Costs				
11 TCPL	\$35,316	\$0	\$35,316	
12 ANR	\$204,178	\$271,026	(\$66,848)	
13 GLGT	\$139,673	\$188,546	(\$48,872)	
14 Storage Gas - Transportation & Delivery Cost				1e
15 Supplemental Gas Delivered Service Imputed Transportation Cost				1a
16 Compressor Fuel Cost				1a
17 Miscellaneous Transportation Cost	\$165,028	\$0	\$165,028	
18 Primary Gas Delivered Service Imputed Transportation Cost				1a
19				
20 Total Variable Transport Costs	\$6,619,096	\$4,238,204	\$2,380,892	
21				
22 Supply Costs				
23 Primary				1a
24 Supplemental				1a
25 Supplemental Gas - Alternate Service for Curtailed Interruptibles				1a
26				
27 Total Supply Costs	\$103,163,621	\$148,422,484	(\$45,258,863)	
28				
29 Other				
30 Minell	\$198,444	\$198,444	\$0	
31 Capacity Management	(\$5,079,410)	(\$5,100,000)	\$20,590	
32 Load Balancing Charges	\$203,043	\$250,000	(\$46,957)	
33				
34 Total Other	(\$4,677,923)	(\$4,651,556)	(\$26,367)	
35				
36 Total Gas Cost Inflows	\$165,318,163	\$211,192,563	(\$45,874,400)	
37				
38 Purchased Volumes Excluding Primary WTS Supply (GJ)				
39 Primary Gas				1d
40 Supplemental Gas				1d
41 Supplemental Gas - Alternate Supply Service				1d
42 Total Volumes Excluding Primary WTS Supply (GJ)				1d
43				
44 Total Effective Heating Degree Days				1d
45				

	Oct-15	Actual Nov-15	Actual Dec-15	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Actual Jul-16	Actual Aug-16	Actual Sep-16	Actual Oct-16	Total
1 Inflows														
2														
3 Primary Gas Direct to Load														1a
4 Primary Gas from Storage														1a
5 Primary Gas Delivered Service														1a
6 Compressor Fuel for Primary Gas														1a
7														
8 Total Inflows														1e
9 Less. UFG Component to Distribution PGVA		(\$161,020)	(\$198,216)	(\$233,350)	(\$195,114)	(\$107,723)	(\$71,967)	(\$37,885)	(\$42,511)	(\$54,245)	(\$63,292)	(\$70,878)	(\$135,997)	(\$1,372,198)
10 Less. UFG True-up Transferred from Distribution PGVA		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,039,792	\$0	\$0	\$0	\$0	\$1,039,792
11 Less. FRPGS Cost of Gas		(\$13,419)	(\$18,034)	(\$19,568)	(\$10,556)	(\$4,608)	(\$3,840)	(\$1,516)	(\$1,728)	(\$1,751)	(\$1,675)	(\$2,756)	(\$5,530)	(\$84,893)
12 Net After UFG Transfer														1a
13														
14 Outflows														
15 WACOG Outflows														1e
16 Primary Gas PGVA Rider Amortization														1e
17 Total Outflows														1e
18														
19 Carrying Costs														1e
20														
21 Net Balance														1a
22														
23 GJ														
24 Primary Gas Direct to Load														1d
25 Primary Gas from Storage														1d
26 Primary Gas Delivered Service														1d
27 Total														1d
28														
29 Monthly Unit Costs - \$/GJ														<u>Volume Weighted Average</u>
30 Primary Gas Direct to Load														1a
31 Primary Supply from Storage														1a
32 Primary Gas Delivered Service														1a
33 Primary Gas Average Unit Cost inc Compressor Fuel														1a
34														
35														
36 Monthly Index Prices - \$/GJ														<u>Arithmetic Average</u>
37 Aeco Index Price		\$2.44	\$2.39	\$2.20	\$2.23	\$1.58	\$1.22	\$1.04	\$1.28	\$1.85	\$2.19	\$2.22	\$2.47	\$1.93
38 Empress Index Price		\$2.64	\$2.57	\$2.38	\$2.42	\$1.68	\$1.40	\$1.23	\$1.43	\$2.08	\$2.37	\$2.54	\$2.68	\$2.12

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Purchase Gas Variance Account - Supplemental Gas
 2015/16 Gas Year Actual

Schedule 8.6.2 (a)

	Actual Nov-15	Actual Dec-15	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Actual Jul-16	Actual Aug-16	Actual Sep-16	Actual Oct-16	Total	
1 Inflows														
2 Supplemental Supply Direct to the Load														1a
3 Storage Gas - Supplemental Supply														1a
4 Supplemental Gas Delivered Service														1a
5 Alternate Supply Service														1a
6														
7 Total Inflows														1a
8 Less: UFG Component to Distribution PGVA	(\$15,270)	(\$19,227)	(\$17,189)	(\$23,602)	(\$13,781)	(\$7,143)	(\$2,193)	\$0	\$0	\$0	\$0	(\$8,348)	(\$106,752)	
9 Less: UFG True-up Transferred from Distribution PGVA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$73,495	\$0	\$0	\$0	\$0	\$73,495	
10 Net Inflow After UFG Transfer														1e
11														
12 Outflows														
13 WACOG Outflows														1a
14 WACOG on Alternate Supply Service														1a
15 Total Outflows														1e
16														
17 Carrying Costs														1a
18														
19 Net Balance														
20														
21 GJ														
22 Supplemental Supply Direct to the Load														1d
23 Storage Gas - Supplemental Supply														1d
24 Supplemental Gas Delivered Service														1d
25 Alternate Supply Service														1d
26 Total														1d
27														
28														
29 Monthly Unit Costs- \$/GJ														
30 Supplemental Supply Direct to the Load														1a
31 Storage Gas - Supplemental Supply														1a
32 Supplemental Gas Delivered Service														1a
33 Overall Supplemental Gas Average Unit Cost														1a
34 Alternate Supply Service														1a
35														
36 Monthly Index Prices- \$/GJ														
37 Emerson Index Price	\$2.94	\$3.31	\$3.52	\$3.00	\$2.23	\$2.26	\$2.27	\$2.15	\$3.31	\$2.99	\$3.33	\$3.44	\$2.90	Arithmetic Average
38 Michigan City Gate Index Price	\$3.05	\$2.93	\$3.20	\$2.96	\$2.09	\$2.31	\$2.49	\$2.54	\$3.48	\$3.55	\$3.62	\$3.41	\$2.97	
39 NYMEX Index Price	\$2.57	\$2.89	\$3.17	\$2.81	\$2.10	\$2.26	\$2.48	\$2.42	\$3.61	\$3.32	\$3.55	\$3.75	\$2.91	
40 Chicago/Joliet Index Price	\$2.88	\$3.27	\$3.35	\$2.96	\$2.32	\$2.33	\$2.51	\$2.38	\$3.37	\$3.27	\$3.62	\$3.57	\$2.99	

Centra Gas Manitoba Inc.
2019/20 General Rate Application
Purchase Gas Variance Account - Supplemental Gas
2015/16 Actual vs. Interim Approved Forecast

Schedule 8.6.2 (b)
March 8, 2019

	Actual	Interim Approved Forecast	Actual vs. Interim Approved Forecast
1 Inflows			
2 Supplemental Supply Direct to the Load			1a
3 Storage Gas - Supplemental Supply			1a
4 Supplemental Gas Delivered Service			1a
5 Alternate Supply Service			1a
6			
7 Total Inflows			1e
8 Less: UFG Component to Distribution PGVA	(\$106,752)	(\$229,850)	\$123,098
9 Less: UFG True-up Transferred to Distribution PGVA	\$73,495	\$0	\$73,495
10 Net Inflow After UFG Transfer		\$17,457,312	1e
11			
12 Outflows			
13 WACOG Outflows			1a
14 WACOG on Alternate Supply Service			1a
15 Total Outflows			1e
16			
17 Carrying Costs to July 31, 2019			1e
18			
19 Net Balance			1a
20			
21 Supplemental Gas GJ's - System Supply (includes UFG)			1d
22 Alternate Supply Service GJ's			1d
23 Supplemental Gas Average Unit Cost - \$/GJ			1a
24 Alternate Supply Service Average Unit Cost - \$/GJ			1a

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Purchase Variance Account - Transportation
 2015/16 Gas Year Actual

Schedule 8.8.3 (a)

	Actual Nov-15	Actual Dec-15	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Actual Jul-16	Actual Aug-16	Actual Sep-16	Actual Oct-16	Total
1 <u>Inflows</u>													
2													
3 <u>Fixed Cost</u>													
4 TCPL													
5													
6 ANR													
7 GLGT													
8 Swan Valley & RM of Piney service territories													
9													
10 Total Fixed Costs	\$5,128,308	\$5,742,216	\$5,790,524	\$5,718,529	\$4,809,902	\$5,044,594	\$4,554,477	\$4,560,779	\$4,564,288	\$4,573,390	\$4,572,822	\$5,153,739	\$60,213,369
11													
12 <u>Variable Costs</u>													
13 TCPL	\$1,241	\$2,049	\$493	\$2,200	\$4,256	\$3,569	\$11,621	\$2,263	\$131	\$1,506	\$394	\$5,592	\$35,316
14 ANR	\$21,122	\$27,378	\$82,798	\$43,446	\$29,434	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$204,178
15 GLGT	\$13,989	\$18,333	\$55,447	\$31,905	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$139,673
16 Storage Gas - Transportation & Delivery Cost	\$123,332	\$154,010	\$457,816	\$250,124	\$176,665	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,161,947
17 Supplemental Gas Delivered Service Imputed Transportation Cost													
18 Compressor Fuel for Storage and Supplemental Gas													
19 Primary Gas Delivered Service Imputed Transportation Cost													
20													
21 Total Variable Costs	\$184,778	\$778,212	\$1,259,707	\$891,785	\$494,903	\$1,193,213	\$46,918	\$2,263	\$131	\$1,506	\$394	\$426,618	\$5,280,428
22													
23 <u>Other</u>													
24 Load Balancing Charges	\$26,669	\$8,917	\$3,605	\$8,630	\$14,521	\$21,025	\$12,110	\$5,571	\$2,623	\$2,855	\$20,732	\$75,784	\$203,043
25 Capacity Management													
26 Miscellaneous Transportation													
27													
28 Total Inflows	\$5,276,303	\$6,364,625	\$6,851,527	\$6,373,183	\$5,232,334	\$5,867,237	\$3,768,453	\$3,766,259	\$3,682,898	\$4,001,530	\$4,143,093	\$5,455,018	\$60,782,457
29													
30 <u>Outflows</u>													
31 WACOG Outflows	\$5,900,944	\$8,054,172	\$10,002,251	\$8,473,364	\$6,306,453	\$4,917,198	\$2,010,758	\$2,029,079	\$1,301,445	\$1,365,390	\$1,834,302	\$3,976,974	\$55,972,330
32													
33 Carrying Costs	(\$371)	(\$1,849)	(\$4,717)	(\$7,277)	(\$10,067)	(\$10,145)	(\$8,831)	(\$6,360)	(\$3,879)	(\$703)	\$2,514	\$5,100	(\$46,585)
34													
35 Net Balance	(\$625,012)	(\$2,316,408)	(\$5,471,849)	(\$7,579,307)	(\$8,663,493)	(\$7,723,598)	(\$5,974,734)	(\$4,243,914)	(\$1,866,341)	\$769,095	\$3,280,401	\$4,763,542	

1e
1a
1e
1e
1e
1e
a
a
a
1a
1a & 1c

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Purchase Variance Account - Transportation
 2015/16 Actual vs. Interim Approved Forecast

Schedule 8.6.3 (b)

	Actual	Interim Approved Forecast	Actual vs. Interim Approved Forecast
1 <u>Inflows</u>			
2			
3 <u>Fixed Cost</u>			
4 TCPL			
5			1e
6 ANR			1a
7 GLGT			1e
8 Swan Valley & RM of Piney service territories			1e
9			
10 Total Fixed Costs	\$60,213,369	\$63,183,431	(\$2,970,062)
11			
12 <u>Variable Costs</u>			
13 TCPL	\$35,316	\$0	\$35,316
14 ANR	\$204,178	\$271,026	(\$66,848)
15 GLGT	\$139,673	\$188,546	(\$48,872)
16 Storage Gas - Transportation & Delivery Cost	\$1,161,947	\$1,680,804	(\$518,858)
17 Supplemental Gas Delivered Service Imputed Transportation Cost			1a
18 Compressor Fuel for Storage and Supplemental Gas			1a
19 Primary Gas Delivered Service Imputed Transportation Cost			1a
20			
21 Total Variable Costs	\$5,280,428	\$2,648,139	\$2,632,289
22			
23 <u>Other</u>			
24 TCPL Balancing Fees	\$203,043	\$250,000	(\$46,957)
25 Capacity Management	(\$5,079,410)	(\$5,100,000)	\$20,590
26 Miscellaneous Transportation			1a & 1c
27			
28 Total Inflows	\$60,782,457	\$60,981,569	(\$199,112)
29			
30 <u>Outflows</u>			
31 WACOG Outflows	\$55,972,330	\$60,908,560	(\$4,936,230)
32			
33 Carrying Costs to July 31, 2019	\$247,740	\$0	\$247,740
34			
35 Net Balance	\$5,057,867	\$73,009	\$4,984,858

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Purchase Gas Variance Account - Distribution
 2015/16 Gas Year Actual

Schedule 8.6.4 (a)

	Actual Nov-15	Actual Dec-15	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Actual Jul-16	Actual Aug-16	Actual Sep-16	Actual Oct-16	Total
Inflows													
1 Minell Pipeline Charges	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$198,444
2 UFG Costs Transferred In From Primary and Supplemental Gas PGVA's	\$176,289	\$217,443	\$250,539	\$218,717	\$121,504	\$79,109	\$40,078	\$42,511	\$54,245	\$63,292	\$70,878	\$144,344	\$1,478,950
3 UFG True-up Impacts Transferred to Primary & Supplemental Gas PGVA's	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,113,287)	\$0	\$0	\$0	\$0	(\$1,113,287)
4													
5 Total Inflows	\$192,826	\$233,980	\$267,076	\$235,254	\$138,041	\$95,646	\$56,615	(\$1,054,239)	\$70,782	\$79,829	\$87,415	\$160,881	\$564,107
6													
Outflows													
7 WACOG Outflows	\$224,911	\$291,592	\$350,030	\$318,788	\$227,416	\$184,727	\$87,538	\$92,997	\$67,481	\$69,012	\$72,405	\$153,948	\$2,140,844
8													
9													
10 Carrying Costs	(\$19)	(\$77)	(\$159)	(\$240)	(\$374)	(\$475)	(\$573)	(\$1,297)	(\$2,051)	(\$2,062)	(\$1,986)	(\$2,017)	(\$11,330)
11													
12 Net Balance	(\$32,104)	(\$89,793)	(\$172,906)	(\$256,680)	(\$346,429)	(\$435,984)	(\$467,480)	(\$1,616,014)	(\$1,614,764)	(\$1,606,008)	(\$1,592,984)	(\$1,588,068)	

Centra Gas Manitoba Inc.
2019/20 General Rate Application
Purchase Gas Variance Account - Distribution
2015/16 Actual vs. Interim Approved Forecast

Schedule 8.6.4 (b)

	Actual	Interim Approved Forecast	Actual vs. Interim Approved Forecast
1 <u>Inflows</u>			
2 Minell Pipeline Charges	\$198,444	\$198,444	\$0
3 UFG Costs Transferred From Primary & Supplemental PGVA's	\$1,478,950	\$2,145,506	(\$666,556)
4 UFG True-up Impacts Transferred to Primary & Supplemental PGVA's	<u>(\$1,113,287)</u>	<u>\$0</u>	<u>(\$1,113,287)</u>
5 Total Inflows	\$564,107	\$2,343,950	(\$1,779,843)
6			
7 <u>Outflows</u>			
8 WACOG Outflows	<u>\$2,140,844</u>	<u>\$2,360,319</u>	<u>(\$219,475)</u>
10 Total Outflows	\$2,140,844	\$2,360,319	(\$219,475)
11			
12 Carrying Costs to July 31, 2019	<u>(\$109,450)</u>	<u>\$0</u>	<u>(\$109,450)</u>
13			
14 Net Balance	(\$1,686,188)	(\$16,369)	(\$1,669,819)

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Actual Gas Costs for 2016/17 Gas Year

Schedule 8.7.0

	Actual	Interim Approved Forecast	Actual vs. Interim Approved Forecast	
1 Fixed Costs				
2 TCPL				1e
3				1a
4 ANR				1e
5 GLGT				1e
6 Swan Valley & RM of Piney service territories				1e
7				
8 Total Fixed Costs	\$61,889,442	\$63,183,431	(\$1,293,989)	
9				
10 Variable Transportation Costs				
11 TCPL	\$59,185	\$0	\$59,185	
12 ANR	\$333,618	\$271,026	\$62,592	
13 GLGT	\$169,100	\$188,546	(\$19,446)	
14 Storage Gas - Transportation & Delivery Cost				1e
15 Supplemental Gas Delivered Service Imputed Transportation Cost				1a
16 Compressor Fuel Cost				1a
17 Miscellaneous Transportation Cost	\$15,561	\$0	\$15,561	1a
18 Primary Gas Delivered Service Imputed Transportation Cost				1a
19				
20 Total Variable Transport Costs	\$7,472,071	\$4,238,204	\$3,233,867	
21				
22 Supply Costs				
23 Primary				1a
24 Supplemental				1a
25 Supplemental Gas - Alternate Service for Curtailed Interruptibles				1a
26				
27 Total Supply Costs	\$125,706,471	\$148,422,484	(\$22,716,013)	
28				
29 Other				
30 Minell	\$198,444	\$198,444	\$0	
31 Capacity Management	(\$4,740,957)	(\$5,100,000)	\$359,043	
32 Load Balancing Charges	\$157,362	\$250,000	(\$92,638)	
33 ANR Settlement Refund	(\$927,321)	\$0	(\$927,321)	
34				
35 Total Other	(\$5,312,471)	(\$4,651,556)	(\$660,915)	
36				
37 Total Gas Cost Inflows	\$189,755,512	\$211,192,563	(\$21,437,050)	
38				
39 Purchased Volumes Excluding Primary WTS Supply (GJ)				
40 Primary Gas				1d
41 Supplemental Gas				1d
42 Supplemental Gas - Alternate Supply Service				1d
43 Total Volumes Excluding Primary WTS Supply (GJ)				1d
44				
45 Total Effective Heating Degree Days				1d
46				

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Purchase Variance Account - Primary Gas Account
 2016/17 Gas Year Actual

Schedule 8.7.1

	Oct-16	Actual Nov-16	Actual Dec-16	Actual Jan-17	Actual Feb-17	Actual Mar-17	Actual Apr-17	Actual May-17	Actual Jun-17	Actual Jul-17	Actual Aug-17	Actual Sep-17	Actual Oct-17	Total	
1 Inflows															
2															
3 Primary Gas Direct to Load															1a
4 Primary Gas from Storage															1a
5 Primary Gas Delivered Service															1a
6 Compressor Fuel for Primary Gas															1a
7															
8 Total Inflows															1e
9 Less: UFG Component to Distribution PGVA		(\$168,746)	(\$250,262)	(\$301,078)	(\$224,143)	(\$201,318)	(\$138,180)	(\$98,852)	(\$59,424)	(\$44,238)	(\$52,085)	(\$49,309)	(\$91,578)	(\$1,679,191)	1e
10 Less: UFG True-up Transferred from Distribution PGVA		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$828,354	\$0	\$0	\$0	\$0	\$628,354	1e
11 Less: FRPGS Cost of Gas		(\$5,483)	(\$9,077)	(\$12,332)	(\$10,099)	(\$11,061)	(\$11,485)	(\$7,624)	(\$5,329)	(\$2,872)	(\$2,857)	(\$2,394)	(\$4,141)	(\$84,963)	1a
12 Net After UFG Transfer															1a
13															
14 Outflows															
15 WACOG Outflows															1e
16 Primary Gas PGVA Rider Amortization															1e
17 Total Outflows															1e
18															
19 Carrying Costs															1e
20															
21 Net Balance															1a
22															
23 GJ															
24 Primary Gas Direct to Load															1d
25 Primary Gas from Storage															1d
26 Primary Gas Delivered Service															1d
27 Total															1d
28															
29 Monthly Unit Costs- \$/GJ															<u>Volume Weighted</u>
30 Primary Gas Direct to Load															<u>Average</u>
31 Primary Supply from Storage															1a
32 Primary Gas Delivered Service															1a
33 Primary Gas Average Unit Cost inc. Compressor Fuel															1a
34															
35															
36 Monthly Index Prices- \$/GJ															<u>Arithmetic Average</u>
37 Aeoo Index Price		\$2.84	\$2.70	\$3.33	\$2.70	\$2.33	\$2.46	\$2.62	\$2.81	\$2.30	\$2.03	\$1.46	\$1.49	\$2.42	
38 Empress Index Price		\$2.99	\$2.62	\$3.54	\$2.85	\$2.46	\$2.62	\$2.78	\$2.93	\$2.55	\$2.33	\$2.02	\$2.17	\$2.67	

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Purchase Gas Variance Account - Supplemental Gas
 2016/17 Gas Year Actual

Schedule 8.7.2 (a)

	Actual Nov-16	Actual Dec-16	Actual Jan-17	Actual Feb-17	Actual Mar-17	Actual Apr-17	Actual May-17	Actual Jun-17	Actual Jul-17	Actual Aug-17	Actual Sep-17	Actual Oct-17	Total	
1 Inflows														
2 Supplemental Supply Direct to the Load														1a
3 Storage Gas - Supplemental Supply														1a
4 Supplemental Gas Delivered Service														1a
5 Alternate Supply Service														1a
6														
7 Total Inflows														1e
8 Less: UFG Component to Distribution PGVA	(\$6,708)	(\$21,332)	(\$10,826)	(\$743)	(\$1,345)	(\$5,392)	(\$4,234)	\$0	\$0	\$0	(\$702)	(\$11,183)	(\$62,465)	
9 Less: UFG True-up Transferred from Distribution PGVA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,644	\$0	\$0	\$0	\$0	\$19,644	
10 Net Inflow After UFG Transfer														1e
11														
12 Outflows														
13 WACOG Outflows														1a
14 WACOG on Alternate Supply Service														1a
15 Total Outflows														1e
16														
17 Carrying Costs														1a
18														
19 Net Balance														
20														
21 GJ														
22 Supplemental Supply Direct to the Load														1d
23 Storage Gas - Supplemental Supply														1d
24 Supplemental Gas Delivered Service														1d
25 Alternate Supply Service														1d
26 Total														1d
27														
28														
29 Monthly Unit Costs - \$/GJ														
30 Supplemental Supply Direct to the Load														1a
31 Storage Gas - Supplemental Supply														1a
32 Supplemental Gas Delivered Service														1a
33 Overall Supplemental Gas Average Unit Cost														1a
34 Alternate Supply Service														1a
35														
36 Monthly Index Prices - \$/GJ														
37 Emerson Index Price	\$3.40	\$4.03	\$4.90	\$3.97	\$2.93	\$3.64	\$3.55	\$3.61	\$3.18	\$3.11	\$3.04	\$3.00	<u>Arithmetic Average</u>	\$3.53
38 Michigan City Gate Index Price	\$3.31	\$4.21	\$4.56	\$3.83	\$3.27	\$4.06	\$3.91	\$3.52	\$3.45	\$3.40	\$3.33	\$3.34		\$3.68
39 NYMEX Index Price	\$3.52	\$4.11	\$4.85	\$4.26	\$3.32	\$4.11	\$4.02	\$3.98	\$3.63	\$3.53	\$3.50	\$3.63		\$3.87
40 Chicago/Joliet Index Price	\$3.62	\$4.32	\$4.99	\$4.32	\$3.38	\$3.73	\$3.86	\$3.93	\$3.51	\$3.44	\$3.39	\$3.52		\$3.83

Centra Gas Manitoba Inc.
2019/20 General Rate Application
Purchase Gas Variance Account - Supplemental Gas
2016/17 Actual vs. Interim Approved Forecast

Schedule 8.7.2 (b)

	Actual	Interim Approved Forecast	Actual vs. Interim Approved Forecast
1 Inflows			
2 Supplemental Supply Direct to the Load			1a
3 Storage Gas - Supplemental Supply			1a
4 Supplemental Gas Delivered Service			1a
5 Alternate Supply Service			1a
6			
7 Total Inflows			1e
8 Less: UFG Component to Distribution PGVA	(\$62,465)	(\$229,850)	\$167,384
9 Less: UFG True-up Transferred to Distribution PGVA	\$19,644	\$0	\$19,644
10 Net Inflow After UFG Transfer			1e
11			
12 Outflows			
13 WACOG Outflows			1a
14 WACOG on Alternate Supply Service			1a
15 Total Outflows			1e
16			
17 Carrying Costs to July 31, 2019			1e
18			
19 Net Balance			1a
20			
21 Supplemental Gas GJ's - System Supply (includes UFG)			1d
22 Alternate Supply Service GJ's			1d
23 Supplemental Gas Average Unit Cost - \$/GJ			1a
24 Alternate Supply Service Average Unit Cost - \$/GJ			1a

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Purchase Variance Account - Transportation
 2016/17 Actual vs. Interim Approved Forecast

Schedule 8.7.3 (b)

	Actual	Interim Approved Forecast	Actual vs. Interim Approved Forecast
1 <u>Inflows</u>			
2			
3 <u>Fixed Cost</u>			
4 TCPL			
5			1e
6 ANR			1a
7 GLGT			1e
8 Swan Valley & RM of Piney service territories			1e
9			
10 Total Fixed Costs	\$61,889,442	\$63,183,431	(\$1,293,989)
11			
12 <u>Variable Costs</u>			
13 TCPL	\$59,185	\$0	\$59,185
14 ANR	\$333,618	\$271,026	\$62,592
15 GLGT	\$169,100	\$188,546	(\$19,446)
16 Storage Gas - Transportation & Delivery Cost	\$1,790,373	\$1,680,804	\$109,569
17 Supplemental Gas Delivered Service Imputed Transportation Cost			1a
18 Compressor Fuel for Storage and Supplemental Gas			1a
19 Primary Gas Delivered Service Imputed Transportation Cost			1a
20			
21 Total Variable Costs	\$6,479,955	\$2,648,139	\$3,831,816
22			
23 <u>Other</u>			
24 TCPL Balancing Fees	\$157,362	\$250,000	(\$92,638)
25 Capacity Management	(\$4,740,957)	(\$5,100,000)	\$359,043
26 Miscellaneous Transportation	\$15,561	\$0	\$15,561
27 ANR Settlement Refund	(\$927,321)	\$0	(\$927,321)
28			
29 Total Inflows	\$62,874,042	\$60,981,569	\$1,892,473
30			
31 <u>Outflows</u>			
32 WACOG Outflows	\$58,163,092	\$60,908,560	(\$2,745,468)
33			
34 Carrying Costs to July 31, 2019	<u>\$154,863</u>	<u>\$0</u>	<u>\$154,863</u>
35			
36 Net Balance	\$4,865,813	\$73,009	\$4,792,804

Centra Gas Manitoba Inc.
2019/20 General Rate Application
Purchase Gas Variance Account - Distribution
2016/17 Gas Year Actual

Schedule 8.7.4 (a)

	Actual Nov-16	Actual Dec-16	Actual Jan-17	Actual Feb-17	Actual Mar-17	Actual Apr-17	Actual May-17	Actual Jun-17	Actual Jul-17	Actual Aug-17	Actual Sep-17	Actual Oct-17	Total
Inflows													
1 Minell Pipeline Charges	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$198,444
2 UFG Costs Transferred In From Primary and Supplemental Gas PGVA's	\$175,454	\$271,594	\$311,904	\$224,886	\$202,663	\$143,573	\$103,086	\$59,424	\$44,238	\$52,065	\$50,011	\$102,759	\$1,741,656
3 UFG True-up Impacts Transferred to Primary & Supplemental Gas PGVA's	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$647,998)	\$0	\$0	\$0	\$0	(\$647,998)
4													
5 Total Inflows	\$191,991	\$288,131	\$328,441	\$241,423	\$219,200	\$160,110	\$119,623	(\$572,037)	\$60,775	\$68,602	\$66,548	\$119,296	\$1,292,103
6													
Outflows													
7													
8 WACOG Outflows	\$191,177	\$348,566	\$347,847	\$310,037	\$281,355	\$163,720	\$96,527	\$76,857	\$67,334	\$65,336	\$78,304	\$152,358	\$2,179,417
9													
10 Carrying Costs	\$0	(\$37)	(\$86)	(\$128)	(\$229)	(\$269)	(\$259)	(\$669)	(\$1,244)	(\$1,251)	(\$1,377)	(\$1,439)	(\$6,968)
11													
12 Net Balance	\$814	(\$59,658)	(\$79,150)	(\$147,891)	(\$210,276)	(\$214,155)	(\$191,318)	(\$840,881)	(\$848,684)	(\$846,569)	(\$869,801)	(\$894,302)	

Centra Gas Manitoba Inc.
2019/20 General Rate Application
Purchase Gas Variance Account - Distribution
2016/17 Actual vs. Interim Approved Forecast

Schedule 8.7.4 (b)

	Actual	Interim Approved Forecast	Actual vs. Interim Approved Forecast
1 Inflows			
2 Minell Pipeline Charges	\$198,444	\$198,444	\$0
3 UFG Costs Transferred From Primary & Supplemental PGVA's	\$1,741,656	\$2,145,506	(\$403,849)
4 UFG True-up Impacts Transferred to Primary & Supplemental PGVA's	(\$647,998)	\$0	(\$647,998)
5 Total Inflows	\$1,292,103	\$2,343,950	(\$1,051,847)
6			
7 Outflows			
8 WACOG Outflows	\$2,179,417	\$2,360,319	(\$180,902)
10 Total Outflows	\$2,179,417	\$2,360,319	(\$180,902)
11			
12 Carrying Costs to July 31, 2019	(\$59,796)	\$0	(\$59,796)
13			
14 Net Balance	(\$947,110)	(\$16,369)	(\$930,741)

Centra Gas Manitoba Inc.
2019/20 General Rate Application
Outlook Gas Costs for 2017/18 Gas Year
Actuals for November 2017 to April 2018, Outlook for May 2018 to October 2018
Strip Date of May 15, 2018

Schedule 8.8.0

	Outlook	Interim Approved Forecast	Outlook vs. Interim Approved Forecast	
1 Fixed Costs				
2 TCPL				1e
3				1a
4 ANR				1e
5 GLGT				1e
6 Swan Valley & RM of Piney service territories				1e
7				
8 Total Fixed Costs	\$59,433,643	\$63,183,431	(\$3,749,787)	
9				
10 Variable Transportation Costs				
11 TCPL	\$24,878	\$0	\$24,878	
12 ANR	\$307,942	\$271,026	\$36,916	
13 GLGT	\$164,099	\$188,546	(\$24,447)	
14 Storage Gas - Transportation & Delivery Cost				1e
15 Supplemental Gas Delivered Service Imputed Transportation Cost				1a
16 Compressor Fuel Cost				1a
17 Miscellaneous Transportation Cost	\$41,595	\$0	\$41,595	
18 Primary Gas Delivered Service Imputed Transportation Cost				1a
19				
20 Total Variable Transport Costs	\$8,325,435	\$4,238,204	\$4,087,231	
21				
22 Supply Costs				
23 Primary				1a
24 Supplemental				1a
25 Supplemental Gas - Alternate Service for Curtailed Interruptibles				1a
26				
27 Total Supply Costs	\$121,059,880	\$148,422,484	(\$27,362,604)	
28				
29 Other				
30 Minell	\$198,444	\$198,444	\$0	
31 Capacity Management	(\$4,260,056)	(\$5,100,000)	\$839,944	
32 Load Balancing Charges	\$251,891	\$250,000	\$1,891	
33				
34 Total Other	(\$3,809,721)	(\$4,651,556)	\$841,835	
35				
36 Total Gas Cost Inflows	\$185,009,237	\$211,192,563	(\$26,183,326)	
37				
38 Purchased Volumes Excluding Primary WTS Supply (GJ)				
39 Primary Gas				1d
40 Supplemental Gas				1d
41 Supplemental Gas - Alternate Supply Service				1d
42 Total Volumes Excluding Primary WTS Supply (GJ)				1d
43				
44 Total Effective Heating Degree Days				1d
45				

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Purchase Variance Account - Primary Gas Account
 2017/18 Gas Year Outlook

Schedule 8.8.1

	<u>Oct-17</u>	Actual Nov-17	Actual Dec-17	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Outlook May-18	Outlook Jun-18	Outlook Jul-18	Outlook Aug-18	Outlook Sep-18	Outlook Oct-18	Total	
1 <u>Inflows</u>															
2															
3 Primary Gas Direct to Load															1a
4 Primary Gas from Storage															1a
5 Primary Gas Delivered Service															1a
6 Compressor Fuel for Primary Gas															1a
7															
8 <u>Total Inflows</u>															1e
9 Less: UFG Component to Distribution PGVA		(\$176,048)	(\$246,601)	(\$237,299)	(\$204,406)	(\$111,151)	(\$93,764)	(\$43,715)	(\$29,882)	(\$35,335)	(\$39,350)	(\$40,337)	(\$87,213)	(\$1,345,100)	
10 Less: UFG True-up Transferred from Distribution PGVA		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
11 Less: FRPGS Cost of Gas		(\$9,815)	(\$14,897)	(\$15,072)	(\$16,238)	(\$8,503)	(\$6,222)	(\$941)	(\$523)	(\$471)	(\$433)	(\$597)	(\$2,111)	(\$74,922)	
12 <u>Net After UFG Transfer</u>															1a
13															
14 <u>Outflows</u>															
15 WACOG Outflows															1e
16 Primary Gas PGVA Rider Amortization															1e
17 <u>Total Outflows</u>															1e
18															
19 Carrying Costs															1e
20															
21 <u>Net Balance</u>															1a
22															
23 <u>GJ</u>															
24 Primary Gas Direct to Load															1d
25 Primary Gas from Storage															1d
26 Primary Gas Delivered Service															1d
27 Total															1d
28															
29 <u>Monthly Unit Costs - \$/GJ</u>															<u>Volume Weighted Average</u>
30 Primary Gas Direct to Load															1a
31 Primary Supply from Storage															1a
32 Primary Gas Delivered Service															1a
33 Primary Gas Average Unit Cost inc. Compressor Fuel															1a
34															
35															
36 <u>Monthly Index Prices - \$/GJ</u>															<u>Arithmetic Average</u>
37 Aeoo Index Price		\$2.04	\$2.04	\$1.83	\$1.92	\$1.52	\$1.44	\$0.74	\$0.64	\$0.99	\$1.12	\$1.18	\$1.34	\$1.40	
38 Empress Index Price		\$2.63	\$2.94	\$2.55	\$3.30	\$2.27	\$2.20	\$2.21	\$2.26	\$2.26	\$2.35	\$2.40	\$2.24	\$2.47	

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Purchase Gas Variance Account - Supplemental Gas
 2017/18 Gas Year Outlook

Schedule 8.8.2 (a)

	Actual Nov-17	Actual Dec-17	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Outlook May-18	Outlook Jun-18	Outlook Jul-18	Outlook Aug-18	Outlook Sep-18	Outlook Oct-18	Total	
1 <u>Inflows</u>														
2 Supplemental Supply Direct to the Load														1a
3 Storage Gas - Supplemental Supply														1a
4 Supplemental Gas Delivered Service														1a
5 Alternate Supply Service														1a
6														
7 Total Inflows														1e
8 Less: UFG Component to Distribution PGVA	(\$23,249)	(\$22,194)	(\$28,675)	(\$54,401)	(\$50,230)	(\$28,029)	(\$1,061)	\$0	\$0	\$0	\$0	(\$101)	(\$217,939)	
9 Less: UFG True-up Transferred from Distribution PGVA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
10 Net Inflow After UFG Transfer														1e
11														
12 <u>Outflows</u>														
13 WACOG Outflows														1a
14 WACOG on Alternate Supply Service														1a
15 Total Outflows														1e
16														
17 Carrying Costs														1a
18														
19 Net Balance														
20														
21 <u>GJ</u>														
22 Supplemental Supply Direct to the Load														1d
23 Storage Gas - Supplemental Supply														1d
24 Supplemental Gas Delivered Service														1d
25 Alternate Supply Service														1d
26 Total														1d
27														
28														
29 <u>Monthly Unit Costs- \$/GJ</u>														Volume Weighted Average
30 Supplemental Supply Direct to the Load														1a
31 Storage Gas - Supplemental Supply														1a
32 Supplemental Gas Delivered Service														1a
33 Overall Supplemental Gas Average Unit Cost														1a
34 Alternate Supply Service														1a
35														
36 <u>Monthly Index Prices- \$/GJ</u>														Arithmetic Average
37 Emerson Index Price	\$3.07	\$3.62	\$3.40	\$5.05	\$3.09	\$2.91	\$3.06	\$2.88	\$2.90	\$2.91	\$2.88	\$2.89	\$3.22	
38 Michigan City Gate Index Price	\$3.42	\$3.37	\$3.50	\$3.67	\$2.95	\$2.98	\$3.07	\$3.14	\$3.12	\$3.12	\$3.04	\$3.06	\$3.20	
39 NYMEX Index Price	\$3.36	\$3.66	\$3.19	\$4.41	\$3.23	\$3.27	\$3.44	\$3.43	\$3.45	\$3.46	\$3.43	\$3.44	\$3.48	
40 Chicago/Joliet Index Price	\$3.42	\$3.80	\$3.55	\$4.16	\$3.16	\$2.98	\$2.90	\$3.07	\$3.08	\$3.08	\$2.98	\$2.98	\$3.26	

Centra Gas Manitoba Inc.
2019/20 General Rate Application
Purchase Gas Variance Account - Supplemental Gas
2017/18 Outlook vs. Interim Approved Forecast

Schedule 8.8.2 (b)

	Outlook	Interim Approved Forecast	Outlook vs. Interim Approved Forecast
1 Inflows			
2 Supplemental Supply Direct to the Load			1a
3 Storage Gas - Supplemental Supply			1a
4 Supplemental Gas Delivered Service			1a
5 Alternate Supply Service			1a
6			
7 Total Inflows			1e
8 Less: UFG Component to Distribution PGVA	(\$217,939)	(\$229,850)	\$11,911
9 Less: UFG True-up Transferred to Distribution PGVA	\$0	\$0	\$0
10 Net Inflow After UFG Transfer			1e
11			
12 Outflows			
13 WACOG Outflows			1a
14 WACOG on Alternate Supply Service			1a
15 Total Outflows			1e
16			
17 Carrying Costs to July 31, 2019			1e
18			
19 Net Balance			1a
20			
21 Supplemental Gas GJ's - System Supply (includes UFG)			1d
22 Alternate Supply Service GJ's			1d
23 Supplemental Gas Average Unit Cost - \$/GJ			1a
24 Alternate Supply Service Average Unit Cost - \$/GJ			1a

	Actual Nov-17	Actual Dec-17	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Outlook May-18	Outlook Jun-18	Outlook Jul-18	Outlook Aug-18	Outlook Sep-18	Outlook Oct-18	Total
1 <u>Inflows</u>													
2													
3 <u>Fixed Cost</u>													
4 TCPL													
5													
6 ANR													
7 GLGT													
8 Swan Valley & RM of Piney service territories													
9													
10 Total Fixed Costs	\$5,178,290	\$5,133,552	\$5,008,636	\$5,075,946	\$5,087,006	\$4,968,272	\$4,817,238	\$4,804,654	\$4,803,759	\$4,803,141	\$4,802,415	\$4,950,734	\$59,433,643
11													
12 <u>Variable Costs</u>													
13 TCPL	\$1,592	\$820	\$762	\$272	\$9,667	\$11,766	\$0	\$0	\$0	\$0	\$0	\$0	\$24,878
14 ANR	\$58,992	\$86,030	\$95,444	\$51,715	\$15,762	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$307,942
15 GLGT	\$33,782	\$49,155	\$54,108	\$23,801	\$3,253	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$184,099
16 Storage Gas - Transportation & Delivery Cost	\$290,528	\$437,682	\$493,811	\$254,134	\$34,785	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,510,950
17 Supplemental Gas Delivered Service Imputed Transportation Cost													
18 Compressor Fuel for Storage and Supplemental Gas													
19 Primary Gas Delivered Service Imputed Transportation Cost													
20													
21 Total Variable Costs	\$726,417	\$890,011	\$1,696,918	\$1,792,728	\$1,266,716	\$742,551	\$159	\$0	\$0	\$0	\$0	\$10,887	\$7,126,386
22													
23 <u>Other</u>													
24 Load Balancing Charges	\$12,530	\$4,134	\$3,442	\$1,057	\$39,943	\$54,784	\$50,000	\$5,000	\$4,000	\$4,000	\$18,000	\$55,000	\$251,891
25 Capacity Management													(\$4,280,058)
26 Miscellaneous Transportation													\$41,595
27													
28													
29 Total Inflows	\$5,741,445	\$5,714,180	\$5,864,976	\$6,655,812	\$6,102,911	\$5,535,185	\$4,509,064	\$4,451,321	\$4,449,426	\$4,448,808	\$4,462,082	\$4,858,288	\$62,593,459
30													
31 <u>Outflows</u>													
32 WACOG Outflows	\$7,817,447	\$10,569,057	\$11,057,172	\$10,284,519	\$7,409,374	\$5,460,194	\$2,756,092	\$1,979,931	\$1,492,729	\$1,469,850	\$1,965,840	\$4,338,609	\$66,600,814
33													
34 Carrying Costs	(\$1,575)	(\$7,450)	(\$17,425)	(\$23,271)	(\$29,492)	(\$30,556)	(\$33,785)	(\$29,455)	(\$23,862)	(\$17,728)	(\$12,062)	(\$9,154)	(\$235,814)
35													
36 Net Balance	(\$2,077,577)	(\$6,939,924)	(\$12,149,544)	(\$15,801,522)	(\$17,137,477)	(\$17,093,081)	(\$15,373,874)	(\$12,931,940)	(\$8,999,104)	(\$7,037,874)	(\$4,553,894)	(\$4,243,170)	

Centra Gas Manitoba Inc.
2019/20 General Rate Application
Purchase Variance Account - Transportation
2017/18 Outlook vs. Interim Approved Forecast

Schedule 8.8.3 (b)

	Outlook	Interim Approved Forecast	Outlook vs. Interim Approved Forecast
1 <u>Inflows</u>			
2			
3 <u>Fixed Cost</u>			
4 TCPL			
5			
6 ANR			
7 GLGT			
8 Swan Valley & RM of Piney service territories			
9			
10 Total Fixed Costs	\$59,433,643	\$63,183,431	(\$3,749,787)
11			
12 <u>Variable Costs</u>			
13 TCPL	\$24,878	\$0	\$24,878
14 ANR	\$307,942	\$271,026	\$36,916
15 GLGT	\$164,099	\$188,546	(\$24,447)
16 Storage Gas - Transportation & Delivery Cost	\$1,510,950	\$1,680,804	(\$169,854)
17 Supplemental Gas Delivered Service Imputed Transportation Cost			
18 Compressor Fuel for Storage and Supplemental Gas			
19 Primary Gas Delivered Service Imputed Transportation Cost			
20			
21 Total Variable Costs	\$7,126,386	\$2,648,139	\$4,478,247
22			
23 <u>Other</u>			
24 TCPL Balancing Fees	\$251,891	\$250,000	\$1,891
25 Capacity Management	(\$4,260,056)	(\$5,100,000)	\$839,944
26 Miscellaneous Transportation	\$41,595	\$0	\$41,595
27			
28 Total Inflows	\$62,593,459	\$60,981,569	\$1,611,889
29			
30 <u>Outflows</u>			
31 WACOG Outflows	\$66,600,814	\$60,908,560	\$5,692,254
32			
33 Carrying Costs to July 31, 2019	(\$326,115)	\$0	(\$326,115)
34			
35 Net Balance	(\$4,333,471)	\$73,009	(\$4,406,480)

1e
 1a
 1e
 1e
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 1a

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Purchase Gas Variance Account - Distribution
 2017/18 Gas Year Outlook

Schedule 8.8.4 (a)

	Actual Nov-17	Actual Dec-17	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Outlook May-18	Outlook Jun-18	Outlook Jul-18	Outlook Aug-18	Outlook Sep-18	Outlook Oct-18	Total
Inflows													
1 Minell Pipeline Charges	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$198,444
2 UFG Costs Transferred In From Primary and Supplemental Gas PGVA's	\$199,297	\$268,794	\$265,973	\$258,807	\$171,382	\$121,793	\$44,776	\$29,862	\$35,335	\$39,350	\$40,337	\$87,313	\$1,563,039
3 UFG True-up Impacts Transferred to Primary & Supplemental Gas PGVA's	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4													
5 Total Inflows	\$215,834	\$285,331	\$282,510	\$275,344	\$187,919	\$138,330	\$61,313	\$46,419	\$51,872	\$55,887	\$56,874	\$103,850	\$1,761,483
6													
7 Outflows													
8 WACOG Outflows	\$282,715	\$368,022	\$380,615	\$349,424	\$277,187	\$197,148	\$107,897	\$82,427	\$67,215	\$67,995	\$81,038	\$160,590	\$2,422,274
9													
10 Carrying Costs	(\$52)	(\$180)	(\$361)	(\$473)	(\$659)	(\$787)	(\$1,033)	(\$1,121)	(\$1,177)	(\$1,208)	(\$1,248)	(\$1,335)	(\$9,632)
11													
12 Net Balance	(\$66,933)	(\$149,804)	(\$248,269)	(\$322,822)	(\$412,749)	(\$472,355)	(\$519,972)	(\$557,100)	(\$573,620)	(\$586,936)	(\$612,348)	(\$670,423)	

Centra Gas Manitoba Inc.
2019/20 General Rate Application
Purchase Gas Variance Account - Distribution
2017/18 Outlook vs. Interim Approved Forecast

Schedule 8.8.4 (b)

	Outlook	Interim Approved Forecast	Outlook vs. Interim Approved Forecast
1 <u>Inflows</u>			
2 Minell Pipeline Charges	\$198,444	\$198,444	\$0
3 UFG Costs Transferred From Primary & Supplemental PGVA's	\$1,563,039	\$2,145,506	(\$582,466)
4 UFG True-up Impacts Transferred to Primary & Supplemental PGVA's	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
5 Total Inflows	\$1,761,483	\$2,343,950	(\$582,466)
6			
7 <u>Outflows</u>			
8 WACOG Outflows	<u>\$2,422,274</u>	<u>\$2,360,319</u>	<u>\$61,955</u>
10 Total Outflows	\$2,422,274	\$2,360,319	\$61,955
11			
12 Carrying Costs to July 31, 2019	<u>(\$23,900)</u>	<u>\$0</u>	<u>(\$23,900)</u>
13			
14 Net Balance	(\$684,690)	(\$16,369)	(\$668,321)

Centra Gas Manitoba Inc.
2019/20 General Rate Application
Purchase Variance Account - Heating Value Margin Deferral Account
2017/18 Gas Year Outlook

Schedule 8.8.5

	Actual Nov-17	Actual Dec-17	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Outlook May-18	Outlook Jun-18	Outlook Jul-18	Outlook Aug-18	Outlook Sep-18	Outlook Oct-18	Total
1 Heating Value (GJ/10 ³ m ³)	38.41	38.17	38.31	38.39	38.44	38.30	0.00	0.00	0.00	0.00	0.00	0.00	
2 Heating Value Revenue Deferral													1d
4 Heating Value Cost Deferral													
5 Heating Value Margin Deferral													
6													
7 Carrying Costs													
8													
9													
10 Net Balance													
11													
12 Net Balance as at October 31, 2018													1e
13													
14 Carrying Costs - November 1, 2018 to July 31, 2019													
15													
16 Net Balance as at July 31, 2019													

CENTRA GAS MANITOBA INC
2019/20 General Rate Application
Summary of All Non-Primary Gas Cost Deferral Balances to July 31, 2019

Schedule 8.8.6

1	<u>2017/18 Gas Year Balances</u>		
2	Supplemental Gas PGVA		1e
3	Transportation PGVA	(\$4,333,471)	
4	Distribution PGVA	(\$684,690)	
5	Heating Value Margin Deferral	\$1,119,858	
6			
7	<u>2016/17 Gas Year Balances</u>		
8	Supplemental Gas PGVA		1e
9	Transportation PGVA	\$4,865,813	
10	Distribution PGVA	(\$947,110)	
11	Heating Value Margin Deferral	\$435,462	
12			
13	<u>2015/16 Gas Year Balances</u>		
14	Supplemental Gas PGVA		1e
15	Transportation PGVA	\$5,057,867	
16	Distribution PGVA	(\$1,686,188)	
17	Heating Value Margin Deferral	\$964,559	
18			
19			
20	October 31, 2015 Prior-Period Gas Cost Deferral		1e
21			
22	Total	(\$6,437,117)	

		Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Total	
1	Fixed Transportation Costs (Including Abandonment Surcharges)														
2	TransCanada Pipelines Limited	CAD												1e	
3														1a	
4	ANR	CAD												1a	
5	GLGT	CAD												1a	
6	Swan Valley & RM of Piney service territories	CAD												1a	
7														1e	
8	Total Fixed Transportation Costs	CAD												\$69,788,842 1e	
9															
10	Variable Transportation Costs														
11	Load Balancing Charges	CAD	\$16,000	\$9,000	\$9,000	\$8,000	\$17,000	\$55,000	\$50,000	\$5,000	\$4,000	\$4,000	\$18,000	\$55,000	\$258,000 1a
12	Compressor Fuel for Primary Gas	CAD													1a
13	Compressor Fuel for Storage and Supplemental Gas	CAD													1a
14	Storage Gas - Transportation & Delivery Cost	CAD	\$119,409	\$285,820	\$409,866	\$292,238	\$184,502	\$0	\$0	\$0	\$0	\$0	\$0	\$1,271,838 1a	
15	ANR	CAD	\$30,183	\$72,246	\$103,551	\$73,869	\$41,581	\$0	\$0	\$0	\$0	\$0	\$0	\$321,430 1a	
16	GLGT	CAD	\$13,923	\$33,328	\$47,789	\$34,074	\$19,180	\$0	\$0	\$0	\$0	\$0	\$0	\$148,283 1a	
17	Primary Gas Delivered Service	CAD													1a
18															
19	Total Variable Transportation Costs	CAD												\$3,168,779 1e	
20															
21	Supply Costs														
22															
23	Primary Supply Direct to System Supply Load	CAD												1a	
24	Storage Gas - Primary Supply for System	CAD												1a	
25	Storage Gas - Supplemental Supply	CAD												1a	
26	Supplemental Gas Direct to Load	CAD												1a	
27															
28	Total Supply Costs	CAD												\$112,519,570 1e	
29															
30	Other Costs														
31															
32	Minefill Charges	CAD	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$16,537	\$188,444 1a	
33	Capacity Management Forecast	CAD	(\$369,667)	(\$369,667)	(\$369,667)	(\$369,667)	(\$369,667)	(\$369,667)	(\$369,667)	(\$369,667)	(\$369,667)	(\$369,667)	(\$369,667)	(\$4,489,940) 1a	
34															
35	Total Other Costs	CAD	(\$353,130)	(\$353,130)	(\$353,130)	(\$353,130)	(\$353,130)	(\$353,130)	(\$353,130)	(\$353,130)	(\$353,130)	(\$353,130)	(\$353,130)	(\$4,281,456) 1a	
36															
37	Total Cost of Gas	CAD												\$177,244,826 1e	

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Purchase Cost of Gas Supplied to Load
 2018/19 Gas Year Forecast

Schedule 8.9.3 (b)

Supply prices for 2018/19 Gas Year per forward strip as of:

May 15, 2018

		<u>Total</u>	
1	<u>Fixed Transportation Costs (Including Abandonment Surcharges)</u>		
2	TransCanada Pipelines Limited	CAD	[REDACTED] 1e
3	[REDACTED]	CAD	[REDACTED] 1a
4	ANR	CAD	[REDACTED] 1e
5	GLGT	CAD	[REDACTED] 1e
6	Swan Valley & RM of Piney service territories	CAD	[REDACTED] 1e
7			
8	Total Fixed Transportation Costs	CAD	\$65,788,042
9			
10	<u>Variable Transportation Costs</u>		
11	Load Balancing Charges	CAD	\$250,000
12	Compressor Fuel for Primary Gas	CAD	[REDACTED] 1a
13	Compressor Fuel for Storage and Supplemental Gas	CAD	[REDACTED] 1a
14	Storage Gas - Transportation & Delivery Cost	CAD	
15	ANR	CAD	\$321,430
16	GLGT	CAD	\$148,268
17	Primary Gas Delivered Service	CAD	[REDACTED] 1a
18			
19	Total Variable Transportation Costs	CAD	\$3,158,779
20			
21	<u>Supply Costs</u>		
22			
23	Primary Supply Direct to System Supply Load	CAD	[REDACTED] 1a
24	Storage Gas - Primary Supply for System	CAD	[REDACTED] 1a
25	Storage Gas - Supplemental Supply	CAD	[REDACTED] 1a
26	Supplemental Gas Direct to Load	CAD	[REDACTED] 1a
27			
28	Total Supply Costs	CAD	\$112,519,570
29			
30	<u>Other Costs</u>		
31			
32	Minell Charges	CAD	\$198,444
33	Capacity Management Forecast	CAD	(\$4,400,000)
34			
35	Total Other Costs	CAD	(\$4,201,556)
36			
37	Total Cost of Gas	CAD	<u>\$177,264,835</u>

Centra Gas Manitoba Inc.
2019/20 General Rate Application
Difference Between Forecasted Non-Primary Gas Costs
and Non-Primary Gas Costs Recoverable With Existing Base Rates
Supply prices for 2018/19 Gas Year per forward strip as of:

Schedule 8.9.4

May 15, 2018

	(1) Recoverable at Existing Base Rates	(2) Forecast for 2018/19	(3) Difference
1 Primary Gas ¹			
2 Supplemental Gas			
3 Transportation	\$64,353,452	\$63,564,088	(\$789,364)
4 Distribution	\$2,342,413	\$1,676,527	(\$665,886)
5			
6			
7 Totals	\$178,250,616	\$177,264,835	(\$985,781)
8			
9			
10 Non-Primary Gas Cost Totals	\$83,117,063	\$79,328,781	(\$3,788,282)

1a
1a

12 Note 1: Primary Gas cost recoverable at existing base rates is calculated using the approved May 1, 2018 Primary Gas billed rate.

Centra Gas Manitoba Inc.
 2019/20 General Rate Application
 Approved and 2018/19 Test Year Forecast
 Strip Date of May 15, 2018

Schedule 8.9.5

	18/19 Test Year Forecast	Interim Approved Forecast	18-19 Test Year Forecast vs. Interim Approved Forecast
1 Fixed Costs			
2 TCPL			
3			
4 ANR			
5 GLGT			
6 Swan Valley & RM of Piney service territories			
7			
8 Total Fixed Costs	\$65,788,042	\$63,183,431	\$2,604,612
9			
10 Variable Transportation Costs			
11 TCPL	\$0	\$0	\$0
12 ANR	\$321,430	\$271,026	\$50,404
13 GLGT	\$148,268	\$188,546	(\$40,278)
14 Storage Gas - Transportation & Delivery Cost			
15 Supplemental Gas Delivered Service Imputed Transportation Cost			
16 Compressor Fuel Cost	\$1,167,445	\$2,097,828	(\$930,383)
17 Miscellaneous Transportation Cost	\$0	\$0	\$0
18 Primary Gas Delivered Service Imputed Transportation Cost			
19			
20 Total Variable Transport Costs	\$2,908,779	\$4,238,204	(\$1,329,425)
21			
22 Supply Costs			
23 Primary			
24 Supplemental			
25 Supplemental Gas - Alternate Service for Curtailed Interruptibles			
26			
27 Total Supply Costs	\$112,519,570	\$148,422,484	(\$35,902,914)
28			
29 Other			
30 Minell	\$198,444	\$198,444	\$0
31 Capacity Management	(\$4,400,000)	(\$5,100,000)	\$700,000
32 Load Balancing Charges	\$250,000	\$250,000	\$0
33			
34 Total Other	(\$3,951,556)	(\$4,651,556)	\$700,000
35			
36 Total Gas Cost Inflows	\$177,264,835	\$211,192,563	(\$33,927,728)
37			
38 Purchased Volumes Excluding Primary WTS Supply (GJ)			
39 Primary Gas			
40 Supplemental Gas			
41 Supplemental Gas - Alternate Supply Service			
42 Total Volumes Excluding Primary WTS Supply (GJ)			