Centra Gas Manitoba Inc.
2015/16 Cost of Gas Application
June 12, 2015
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Centra Gas Manitoba Inc.
2015/16 Cost of Gas Application
Unit Cost Summary
Proposed Rates, November 1, 2015

Schedule 5.0.0
June 12, 2015

		System Total	Small Gen. Service SGS	Large Gen Service LGS	High Volume HVF	Cooperative CO-OP	Main Line ML	Special Contracts SC	Power Stations GS	Interruptible INT	Primary Gas PG	Firm Supplemental FSP	Interruptible Supplemental ISP
1	REVENUE REQUIREMENTS - GAS COSTS ONLY												
2	Upstream Demand ($)	56,353,061	28,502,377	21,055,213	5,994,821	11,228	131,195	-	-	658,228	-	-	-
3	Upstream Commodity ($)	26,133,587	1,424,672	1,071,549	300,533	322	6,256	-	-	73,253	-	21,801,985	1,455,017
4	Upstream Customer ($)	-											
5	Upstream Total ($)	82,486,649	29,927,049	22,126,762	6,295,354	11,550	137,451	-	-	731,481	-	21,801,985	1,455,017
6													
7	Downstream Demand ($)	198,444	75,384	55,782	19,409	30	8,688	30,051	6,783	2,318	-	-	-
8	Downstream Commodity ($)	2,177,049	835,987	598,689	191,580	-	158,925	60,957	119,738	211,174	-	-	-
9	Downstream Customer ($)	-											
10	Downstream Total ($)	2,375,493	911,371	654,471	210,989	30	167,613	91,008	126,520	213,492	-	-	-
11													
12	Total ($)	84,862,142	30,838,420	22,781,233	6,506,343	11,580	305,064	91,008	126,520	944,972	-	21,801,985	1,455,017
13													
14	MONTHLY BILLING DETERMINANTS												
15	Upstream Demand (10^3m^3-day)	129,909	65,741	47,334	13,391	25	254	-	-	3,163	-	-	-
16	Upstream Commodity (10^3m^3)	1,385,551	659,089	510,744	166,698	270	4,081	-	-	44,669	1,100,101	139,452	9,470
17	Upstream Customer (customers)	3,336,801	3,239,854	95,447	1,200	12	12			276			
18													
19	Downstream Demand (10^3m^3-day)	168,459	65,741	47,334	15,963	25	6,427	16,205	13,135	3,628	-	-	-
20	Downstream Commodity (10^3m^3)	2,019,270	659,089	510,744	211,955	270	129,063	438,209	14,211	55,728			
21	Downstream Customer (customers)	3,337,005	3,239,854	95,447	1,272	12	96	12	24	288			
22													
23	PERCENT IN DEMAND CHARGE		0%	0%	65%	100%	100%	100%	100%	65%	100%	100%	100%
24													
25	RESULTING UNIT CHARGES												
26	Upstream Demand ($/$10^3m^3$-day)		-	-	290.981	442.695	516.483	-	-	135.262	-	-	-
27	Upstream Commodity ($/$10^3m^3$)		45.407	43.323	14.390	1.194	1.533	-	-	6.797	-	156.341	153.648
28	Upstream Customer ($/customer)												
29													
30	Downstream Demand ($/$10^3m^3$-day)		-	-	0.790	1.172	1.352	-	0.516	0.415	-	-	-
31	Downstream Commodity ($/$10^3m^3$)		1.383	1.281	0.936	-	1.231	0.139	8.426	3.804	-	-	-
32	Downstream Customer ($/customer)												

Centra Gas Manitoba Inc.
2015/16 Cost of Gas Application
Unit Cost Summary
Existing Rates Approved by B/O 43/15

Schedule 5.1.0
June 12, 2015

		System Total	Small Gen. Service	Large Gen Service	High Volume	Cooperative	Main Line	Special Contracts	Power Stations	Interruptible	Primary Gas	Firm Supplemental	Interruptible Supplemental
1	REVENUE REQUIREMENTS - GAS COSTS ONLY												
2	Upstream Demand ($)	43,955,362	22,621,815	16,238,578	3,594,067	9,068	355,920	0	0	1,135,913	0	0	0
3	Upstream Commodity ($)	27,143,685	2,116,866	1,531,487	342,330	599	35,666	0	0	250,749		20,985,856	1,880,133
4	Upstream Customer ($)	-											
5	Upstream Total ($)	71,099,047	24,738,681	17,770,065	3,936,397	9,667	391,585	-	-	1,386,662	-	20,985,856	1,880,133
6													
7	Downstream Demand ($)	198,444	77,603	55,765	15,755	31	10,484	30,722	2,977	5,107	0	0	0
8	Downstream Commodity ($)	2,213,880	850,130	608,817	194,821	0	161,613	61,989	121,763	214,746	0	0	0
9	Downstream Customer ($)	-											
10	Downstream Total ($)	2,412,324	927,733	664,582	210,576	31	172,097	92,711	124,741	219,853	-	-	-
11													
12	Total ($)	73,511,370	25,666,414	18,434,647	4,146,973	9,698	563,683	92,711	124,741	1,606,515	-	20,985,856	1,880,133
13													
14	MONTHLY BILLING DETERMINANTS												
15	Upstream Demand (10^3m^3-day)	125,382	62,892	44,539	10,138	25	974	0	0	6,813	0	0	0
16	Upstream Commodity (10^3m^3)	1,409,778	680,452	499,617	123,628	270	13,496	0	0	92,315	1,109,813	131,746	11,078
17	Upstream Customer (customers)	3,289,431	3,194,330	93,577	1,044	12	24	0	0	444	0	0	0
18													
19	Downstream Demand (10^3m^3-day)	164,743	62,892	44,539	12,561	25	6,720	15,553	14,656	7,797	0	0	0
20	Downstream Commodity (10^3m^3)	2,027,285	680,452	499,617	163,446	270	134,963	421,289	15,196	112,051	0	0	0
21	Downstream Customer (customers)	3,289,635	3,194,330	93,577	1,104	12	96	12	24	480	0	0	0
22													
23	PERCENT IN DEMAND CHARGE		0%	0%	65%	100%	100%	100%	100%	65%	100%	100%	100%
24													
25	RESULTING UNIT CHARGES												
26	Upstream Demand ($/$10^3m^3$-day)		-	-	230.428	357.559	365.257	-	-	108.365	-	-	-
27	Upstream Commodity ($/$10^3m^3$)		36.356	35.567	12.944	2.218	2.643	-	-	7.023	-	159.290	169.721
28	Upstream Customer ($/customer)												
29													
30	Downstream Demand ($/$10^3m^3$-day)		-	-	0.815	1.226	1.560	-	0.203	0.426	-	-	-
31	Downstream Commodity ($/$10^3m^3$)		1.363	1.330	1.226	-	1.197	0.147	8.013	1.932	-	-	-
32	Downstream Customer ($/customer)												

Centra Gas Manitoba Inc.
2015/16 Cost of Gas Application
Functionalization of Gas Costs

Schedule 5.2.0
June 12, 2015

		Net Change	Current 2012/13	Proposed 2015/16	Functionalization Direct	Functionalization Allocator	To be Allocated	Production	Pipeline	Storage	Transmission	Distribution	OnSite	Total
1														
2														
3														
4														
5	A. FIXED COSTS													
6	TCPL & Others CD Demand	6,322,120	33,731,095	40,053,215	0	PIPE	40,053,215		40,053,215					40,053,215
7	TCPL STS Demand	663,487	2,891,292	3,554,779	0	PIPE	3,554,779		3,554,779					3,554,779
8	Storage Capacity/Deliverability	5,839,486	4,893,306	10,732,792	0	STOR	10,732,792			10,732,792				10,732,792
9	US Pipelines Demand	(1,452,394)	8,539,669	7,087,275	0	STOR	7,087,275			7,087,275				7,087,275
10	Load Balancing Charges	25,000	200,000	225,000	0	PIPE	225,000		225,000					225,000
11	Capacity Management Revenues	1,000,000	(6,300,000)	(5,300,000)	0	PIPE	(5,300,000)		(5,300,000)					(5,300,000)
12	Other	0	198,444	198,444	0	TRAN	198,444				198,444			198,444
13	Subtotal - FIXED COSTS	12,397,700	44,153,806	56,551,505	0		56,551,505	0	38,532,994	17,820,068	198,444	0	0	56,551,505
14														
15	B. VARIABLE TRANSPORTATION													
16	TCPL Transportation	(1,576,123)	1,576,123	0	0	PIPE	0		0					0
17	US Pipelines Transportation &Comp	445,365	373,326	818,691	0	STOR	818,691			818,691				818,691
18	Storage Withdrawal	(270,352)	2,328,246	2,057,895	0	STOR	2,057,895			2,057,895				2,057,895
19	Compressor fuel for Primary Gas	783,537	578,348	1,361,885	-1,361,885	PROD	0							0
20	Subtotal - VARIABLE TRANSPORTATION	(617,573)	4,856,044	4,238,471	(1,361,885)		2,876,586	0	0	2,876,586	0	0	0	2,876,586
21														
22														
23														
24	C. COMMODITY COST													
25	Western Canadian Supplies	1,660,591	102,842,503	104,503,094	-102,973,395	UFG	1,529,699				1,529,699			1,529,699
26	Supplemental Gas	393,245	23,164,620	23,557,866	0	UFG	23,557,866	23,257,001			300,864			23,557,866
27	Storage	(775,638)	24,754,674	23,979,036	-23,632,550	UFG	346,486				346,486			346,486
28	Other	0			0	UFG	0							0
29	Subtotal - COMMODITY COST	1,278,198	150,761,797	152,039,995	(126,605,944)		25,434,051	23,257,001	0	0	2,177,049	0	0	25,434,051
30														
31	TOTAL COST OF GAS	13,058,325	199,771,646	212,829,971	(127,967,829)		84,862,142	23,257,001	38,532,994	20,696,653	2,375,493	0	0	84,862,142

Centra Gas Manitoba Inc.
2015/16 Cost of Gas Application
Classification of Gas Costs

Classification

		Classification			Production		Pipeline		Storage		Transmission		Distribution		OnSite		Total	
1																		
2		$ Allocated	Allocator	$ Direct	Capacity	Commodity	Capacity	Commodity	Capacity	Commodity	Capacity	Commodity	Capacity	Commodity	Capacity	Commodity	Capacity	Commodity
3																		
4	A. FIXED COSTS																	
5	TCPL CD Demand	40,053,215	DEMAND	0	0	0	40,053,215	0	0	0	0	0	0	0	0	0	40,053,215	0
6	TCPL STS Demand	3,554,779	DEMAND	0	0	0	3,554,779	0	0	0	0	0	0	0	0	0	3,554,779	0
7	Storage Capacity	10,732,792	DEMAND	0	0	0	0	0	10,732,792	0	0	0	0	0	0	0	10,732,792	0
8	US Pipelines Demand	7,087,275	DEMAND	0	0	0	0	0	7,087,275	0	0	0	0	0	0	0	7,087,275	0
9	Load Balancing Charges	225,000	DEMAND	0	0	0	225,000	0	0	0	0	0	0	0	0	0	225,000	0
10	Capacity Management Revenues	-5,300,000	DEMAND	0	0	0	-5,300,000	0	0	0	0	0	0	0	0	0	-5,300,000	0
11	Other	198,444	DEMAND	0	0	0	0	0	0	0	198,444	0	0	0	0	0	198,444	0
12	Subtotal - FIXED COSTS	56,551,505		0	0	0	38,532,994	0	17,820,068	0	198,444	0	0	0	0	0	56,551,505	0
13																		
14	B. VARIABLE TRANSPORTATION																	
15	TCPL Transportation	0	ENERGY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	US Pipelines Transportation	818,691	ENERGY	0	0	0	0	0	0	818,691	0	0	0	0	0	0	0	818,691
17	Storage Withdrawal	2,057,895	ENERGY	0	0	0	0	0	0	2,057,895	0	0	0	0	0	0	0	2,057,895
18	TCPL Compressor	0	ENERGY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Subtotal - VARIABLE TRANSPORTATION	2,876,586		0	0	0	0	0	0	2,876,586	0	0	0	0	0	0	0	2,876,586
20																		
21																		
22																		
23	C. COMMODITY COST																	
24	Western Canadian Supplies	1,529,699	ENERGY	0	0	0	0	0	0	0	0	1,529,699	0	0	0	0	0	1,529,699
25	Arkoma	23,557,866	ENERGY	0	0	23,257,001	0	0	0	0	0	300,864	0	0	0	0	0	23,557,866
26	Storage	346,486	ENERGY	0	0	0	0	0	0	0	0	346,486	0	0	0	0	0	346,486
27	Other	0	ENERGY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Subtotal - COMMODITY COST	25,434,051		0	0	23,257,001	0	0	0	0	0	2,177,049	0	0	0	0	0	25,434,051
29																		
30	TOTAL COST OF GAS	84,862,142		0	0	23,257,001	38,532,994	0	17,820,068	2,876,586	198,444	2,177,049	0	0	0	0	56,551,505	28,310,636

Allocation of Production Capacity Costs:

1			Capacity								Special						Total
2		$ Allocated	Allocator	$ Direct	SGS	LGS	HVF	Co-op	Mainline	Interruptible	Contract	Power Stations	Primary	Supp - Firm	Supp - Int	Other	Capacity
3																	
4																	
5	A. FIXED COSTS																
6	TCPL CD Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	TCPL STS Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Storage Capacity	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	US Pipelines Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Load Balancing Charges	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Capacity Management Revenues	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Subtotal - FIXED COSTS	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
14																	
15	B. VARIABLE TRANSPORTATION																
16	TCPL Transportation	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	US Pipelines Transportation	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Storage Withdrawal	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	TCPL Compressor	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Subtotal - VARIABLE TRANSPORTATION	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
21																	
22																	
23																	
24	C. COMMODITY COST																
25	Western Canadian Supplies	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Arkoma	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Storage	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Subtotal - COMMODITY COST	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
30																	
31	TOTAL COST OF GAS	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Centra Gas Manitoba Inc.
2015/16 Cost of Gas Application
Allocation of Production Commodity Costs

Allocation of Production Commodity Costs:

		$ Allocated	Commodity Allocator	$ Direct	SGS	LGS	HVF	Co-op	Mainline	Interruptible	Special Contract	Power Stations	Primary	Supp - Firm	Supp - Int	Other	Total Commodity
1																	
2																	
3																	
4																	
5	A. FIXED COSTS																
6	TCPL CD Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	TCPL STS Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Storage Capacity	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	US Pipelines Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Load Balancing Charges	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Capacity Management Revenues	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Subtotal - FIXED COSTS	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
14																	
15	B. VARIABLE TRANSPORTATION																
16	TCPL Transportation	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	US Pipelines Transportation	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Storage Withdrawal	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	TCPL Compressor	0	WESTERN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Subtotal - VARIABLE TRANSPORTATION	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
21																	
22																	
23																	
24	C. COMMODITY COST																
25	Western Canadian Supplies	0	WESTERN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Arkoma	23,257,001	PEAKING	0	0	0	0	0	0	0	0	0	0	21,801,985	1,455,017	0	23,257,001
27	Storage	0	WESTERN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Subtotal - COMMODITY COST	23,257,001		0	0	0	0	0	0	0	0	0	0	21,801,985	1,455,017	0	23,257,001
30																	
31	TOTAL COST OF GAS	23,257,001		0	0	0	0	0	0	0	0	0	0	21,801,985	1,455,017	0	23,257,001

Centra Gas Manitoba Inc.
2015/16 Cost of Gas Application
Allocation of Pipeline Capacity Costs

Allocation of Pipeline Capacity Costs:

		$ Allocated	Capacity Factor	$ Direct	SGS	LGS	HVF	Co-op	Mainline	Interruptible	Special Contract	Power Stations	Primary	Supp - Firm	Supp - Int	Other	Total Capacity
1																	
2																	
3																	
4																	
5	A. FIXED COSTS																
6	TCPL CD Demand	40,053,215	PAVG	0	20,258,204	14,965,096	4,260,849	7,980	93,247	467,838	0	0	0	0	0	0	40,053,215
7	TCPL STS Demand	3,554,779	PAVG	0	1,797,944	1,328,173	378,156	708	8,276	41,521	0	0	0	0	0	0	3,554,779
8	Storage Capacity	0	PAVG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	US Pipelines Demand	0	PAVG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Load Balancing Charges	225,000	PAVG	0	113,801	84,067	23,935	45	524	2,628	0	0	0	0	0	0	225,000
11	Capacity Management Revenues	-5,300,000	PAVG	0	(2,680,646)	(1,980,241)	(563,812)	(1,056)	(12,339)	(61,906)	0	0	0	0	0	0	-5,300,000
12	Other	0	PAVG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Subtotal - FIXED COSTS	38,532,994		0	19,489,303	14,397,095	4,099,128	7,677	89,708	450,082	0	0	0	0	0	0	38,532,994
14																	
15	B. VARIABLE TRANSPORTATION																
16	TCPL Transportation	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	US Pipelines Transportation	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Storage Withdrawal	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Subtotal - VARIABLE TRANSPORTATION	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
21																	
22																	
23																	
24	C. COMMODITY COST																
25	Western Canadian Supplies	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Arkoma	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Storage	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Subtotal - COMMODITY COST	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Centra Gas Manitoba Inc.
2015/16 Cost of Gas Application
Allocation of Pipeline Commodity Costs

Allocation of Pipeline Commodity Costs:

1			Commodity								Special	Power					Total
2		$ Allocated	Factor	$ Direct	SGS	LGS	HVF	Co-op	Mainline	Interruptible	Contract	Stations	Primary	Supp - Firm	Supp - Int	Other	Commodity
3																	
4																	
5	A. FIXED COSTS																
6	TCPL CD Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	TCPL STS Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Storage Capacity	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	US Pipelines Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Load Balancing Charges	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Capacity Management Revenues	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Subtotal - FIXED COSTS	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
14																	
15	B. VARIABLE TRANSPORTATION																
16	TCPL Transportation	0	COM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	US Pipelines Transportation	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Storage Withdrawal	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Subtotal - VARIABLE TRANSPORTATION	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
21																	
22																	
23																	
24	C. COMMODITY COST																
25	Western Canadian Supplies	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Arkoma	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Storage	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Subtotal - COMMODITY COST	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Centra Gas Manitoba Inc.
2015/16 Cost of Gas Application
Allocation of Storage Capacity Costs

Allocation of Storage Capacity Costs:

1			Capacity								Special	Power					Total
2		$ Allocated	Factor	$ Direct	SGS	LGS	HVF	Co-op	Mainline	Interruptible	Contract	Stations	Primary	Supp - Firm	Supp - Int	Other	Capacity
3																	
4																	
5	A. FIXED COSTS																
6	TCPL CD Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	TCPL STS Demand	0	PAVG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Storage Capacity	10,732,792	PAVG	0	5,428,456	4,010,097	1,141,751	2,138	24,987	125,364	0	0	0	0	0	0	10,732,792
9	US Pipelines Demand	7,087,275	PAVG	0	3,584,618	2,648,021	753,942	1,412	16,500	82,782	0	0	0	0	0	0	7,087,275
10	Load Balancing Charges	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Capacity Management Revenues	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Subtotal - FIXED COSTS	17,820,068		0	9,013,074	6,658,118	1,895,693	3,550	41,487	208,146	0	0	0	0	0	0	17,820,068
14																	
15	B. VARIABLE TRANSPORTATION																
16	TCPL Transportation	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	US Pipelines Transportation	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Storage Withdrawal	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Subtotal - VARIABLE TRANSPORTATION	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
21																	
22																	
23																	
24	C. COMMODITY COST																
25	Western Canadian Supplies	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Arkoma	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Storage	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Subtotal - COMMODITY COST	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Centra Gas Manitoba Inc.
2015/16 Cost of Gas Application
Allocation of Storage Commodity Costs

Allocation of Storage Commodity Costs:

1			Commodity								Special	Power					Total
2		$ Allocated	Factor	$ Direct	SGS	LGS	HVF	Co-op	Mainline	Interruptible	Contract	Stations	Primary	Supp - Firm	Supp - Int	Other	Commodity
3																	
4																	
5	A. FIXED COSTS																
6	TCPL CD Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	TCPL STS Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Storage Capacity	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	US Pipelines Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Load Balancing Charges	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Capacity Management Revenues	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Subtotal - FIXED COSTS	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
14																	
15	B. VARIABLE TRANSPORTATION																
16	TCPL Transportation	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	US Pipelines Transportation	818,691	COMWINT	0	405,469	304,968	85,533	92	1,780	20,848	0	0	0	0	0	0	818,691
18	Storage Withdrawal	2,057,895	COMWINT	0	1,019,203	766,581	215,000	231	4,475	52,405	0	0	0	0	0	0	2,057,895
19	Other	0	COMWINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Subtotal - VARIABLE TRANSPORTATION	2,876,586		0	1,424,672	1,071,549	300,533	322	6,256	73,253	0	0	0	0	0	0	2,876,586
21																	
22																	
23																	
24	C. COMMODITY COST																
25	Western Canadian Supplies	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Arkoma	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Storage	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Subtotal - COMMODITY COST	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Centra Gas Manitoba Inc.
2015/16 Cost of Gas Application
Allocation of Transmission Capacity Costs

Allocation of Transmission Capacity Costs:

		$ Allocated	Capacity Factor	$ Direct	SGS	LGS	HVF	Co-op	Mainline	Interruptible	Special Contract	Power Stations	Primary	Supp - Firm	Supp - Int	Other	Total Capacity
1																	
2																	
3																	
4																	
5	A. FIXED COSTS																
6	TCPL CD Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	TCPL STS Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Storage Capacity	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	US Pipelines Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Load Balancing Charges	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Capacity Management Revenues	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Other	198,444	PAVG-T	0	75,384	55,782	19,409	30	8,688	2,318	30,051	6,783	0	0	0	0	198,444
13	Subtotal - FIXED COSTS	198,444		0	75,384	55,782	19,409	30	8,688	2,318	30,051	6,783	0	0	0	0	198,444
14																	
15	B. VARIABLE TRANSPORTATION																
16	TCPL Transportation	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	US Pipelines Transportation	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Storage Withdrawal	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Subtotal - VARIABLE TRANSPORTATION	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
21																	
22																	
23																	
24	C. COMMODITY COST																
25	Western Canadian Supplies	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Arkoma	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Storage	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Subtotal - COMMODITY COST	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Allocation of Transmission Commodity Costs:

		$ Allocated	Commodity Factor	$ Direct	SGS	LGS	HVF	Co-op	Mainline	Interruptible	Special Contract	Power Stations	Primary	Supp - Firm	Supp - Int	Other	Total Commodity
1																	
2																	
3																	
4																	
5	A. FIXED COSTS																
6	TCPL CD Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	TCPL STS Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Storage Capacity	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	US Pipelines Demand	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Load Balancing Charges	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Capacity Management Revenues	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Subtotal - FIXED COSTS	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
14																	
15	B. VARIABLE TRANSPORTATION																
16	TCPL Transportation	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	US Pipelines Transportation	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Storage Withdrawal	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Subtotal - VARIABLE TRANSPORTATION	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
21																	
22																	
23																	
24	C. COMMODITY COST																
25	Western Canadian Supplies	1,529,699	COMUFG	0	587,405	420,667	134,614	0	111,668	148,381	42,832	84,133	0	0	0	0	1,529,699
26	Arkoma	300,864	COMUFG	0	115,532	82,738	26,476	0	21,963	29,184	8,424	16,548	0	0	0	0	300,864
27	Storage	346,486	COMUFG	0	133,051	95,284	30,491	0	25,293	33,609	9,702	19,057	0	0	0	0	346,486
28	Other	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Subtotal - COMMODITY COST	2,177,049		0	835,987	598,689	191,580	0	158,925	211,174	60,957	119,738	0	0	0	0	2,177,049

Centra Gas Manitoba Inc.
2015/16 Cost of Gas Application
Allocation Results - Riders 2014/15 Gas Year

Schedule 5.5.0
June 12, 2015

Calculation of Riders for 2015/16 Rates
Fixed Costs

	SGS		LGS		High Volume Firm		Co-op		Mainline		Interruptible		Special Contract		Power Stations	
	Transportation	Distribution	Transportation	Distribution	Transportation	Distribution	Transportation	Distribution	Transportation	Distribution	Transportation	Distribution	Transportation	Distribution	Transportation	Distribution
Year 2014/15 Allocated Gas Costs--INFLOWS	32,008,643	77,467	24,331,235	53,945	5,692,090	14,300	0	30	123,120	10,074	714,927	5,539	0	29,768	0	7,322
Year 2014/15 WACOG--OUTFLOWS	0	0	0	0	3,090,631	12,821	0	0	91,302	10,337	340,304	1,487	0	30,722	0	2,740
Year 2014/15 PGVA (Principal Only)	32,008,643	77,467	24,331,235	53,945	2,601,459	1,478	0	30	31,818	-262	374,623	4,052	0	-954	0	4,582
2014/15 Cap Mgmt (incl carrying costs)	-2,347,748		-1,784,631		-417,500		0		-9,031		-52,438		0		0	
Total	29,660,895	77,467	22,546,604	53,945	2,183,959	1,478	0	30	22,788	-262	322,185	4,052	0	-954	0	4,582
Transfer to Variable	29,660,895	77,467	22,546,604	53,945	764,386	517			0	0	112,765	1,418	0	0	0	0
Balance in Demand	0	0	0	0	1,419,574	961	0	30	22,788	-262	209,420	2,634	0	-954	0	4,582
NET REFUND/RECOVERY	0	0	0	0	1,419,574	961	0	30	22,788	-262	209,420	2,634	0	-954	0	4,582

Variable Costs

	SGS		LGS		High Volume Firm		Co-op		Mainline		Interruptible		Special Contract		Power Stations		Supplemental	Supplemental	Total
	Transportation	Distribution	Transportation	Distribution	Transportation	Distribution	Transportation	Distribution	Transportation	Distribution	Transportation	Distribution	Transportation	Distribution	Transportation	Distribution	Firm	Interruptible	
Year 2014/15 Allocated Gas Costs--INFLOWS	1,592,694	936,723	1,191,113	670,830	312,975	214,666	0	0	6,237	178,075	78,014	236,620	0	68,303	0	134,166	27,544,515	1,633,982	29,178,497
Year 2014/15 WACOG--OUTFLOWS	25,249,089	970,998	19,031,706	694,468	2,144,612	254,084	0	0	10,342	153,915	313,317	113,523	0	45,161	0	72,424	26,236,149	1,612,990	27,849,139
Year 2014/15 PGVA (Principal Only)	-23,656,394	-34,275	-17,840,593	-23,637	-1,831,637	-39,419	0	0	-4,105	24,160	-235,303	123,097	0	23,142	0	61,742	1,308,366	20,993	
2014/15 Heating Value (incl carrying costs)		201,005		154,912		61,356		0		37,167		16,962		130,863		2,623			
Prior Period Residuals (incl. carrying costs)	-483,228	189,427	-367,323	145,989	-85,932	57,822	0	0	-1,859	35,026	-10,793	15,985	0	123,326	0	2,472	0	0	
2014/15 Carrying Costs	12,846	659	9,765	463	2,284	-579	0	0	49	365	287	1,940	0	339	0	1,012	119,795	7,106	
Transfer from Fixed	29,660,895	77,467	22,546,604	53,945	764,386	517	0	0	0	0	112,765	1,418	0	0	0	0			
Total Variable	5,534,119	434,283	4,348,452	331,671	-1,150,899	79,697	0	0	-5,914	96,718	-133,045	159,403	0	277,670	0	67,850	1,428,161	28,099	
NET REFUND/RECOVERY	5,534,119	434,283	4,348,452	331,671	268,675	80,658	0	30	16,874	96,455	76,376	162,037	0	276,716	0	72,432	1,428,161	28,099	13,155,037

Summary of Schedule 3.11.0

	Principal	Carrying Cost	Total	Per Schedule	Per Schedule	Per Schedule	Per Schedule	Per Schedule	Per Schedule	Total	
				3.7.1 a	3.7.2 a	3.7.3 a	3.7.2 a	3.8.0	3.11.0		
Supplemental PGVA	1,329,358	126,902	1,456,260	1,456,260						1,456,260	
Transportation PGVA[1]	15,779,745	25,232	15,804,977		15,804,977					15,804,977	
Distribution PGVA	275,148	4,199	279,346			279,346				279,346	
Capacity Management			-4,611,348				-4,611,348			-4,611,348	
Heating Value			604,888					604,888		604,888	
Prior Period			-379,087						-379,087	-379,087	
Total (per Sch.3.11.0, Line 25 to Line 31)			13,155,037							13,155,037	(Line 36 above)

Note[1]: Total Transportation PGVA Balance (Schedule 3.7.2 a) = Total Transportation PGVA (line 42) + Capacity Management (line 44)

Centra Gas Manitoba Inc.
2015/16 Cost of Gas Application
2015/16 Proposed Rate Riders (Unit Cost) - 2014/15 Gas Year
12-month Rate Riders

Schedule 5.5.1
June 12, 2015

	SGS		LGS		HVF				Co-op				MAINLINE			
	Transportation Commodity	Distribution Commodity	Transportation Commodity	Distribution Commodity	Transportation Commodity	Transportation Demand	Distribution Commodity	Distribution Demand	Transportation Commodity	Transportation Demand	Distribution Commodity	Distribution Demand	Transportation Commodity	Transportation Demand	Distribution Commodity	Distribution Demand
$ (Lines 14 & 34 of Schedule 6.0.0)	5,534,119	434,283	4,348,452	331,701	-1,150,899	1,419,574	79,697	961					-5,914	22,788	96,718	-262
Billing Determinant	659,089	659,089	511,014	511,014	166,698	13,391	211,955	15,963					4,081	254	129,063	6,427
$/10³m³	8.397	0.659	8.509	0.649	(6.904)	106.007	0.376	0.060					(1.449)	89.709	0.749	(0.041)
Rate Rider ($/m3)	0.0084	0.0007	0.0085	0.0006	(0.0069)	0.1060	0.0004	0.0001					(0.0014)	0.0897	0.0007	(0.0000)

	INTERRUPTIBLE				SPECIAL				POWER STATIONS				SUPPLEMENTAL (INCL. IN DIST COMM)		TOTAL
	Transportation Commodity	Transportation Demand	Distribution Commodity	Distribution Demand	Transportation Commodity	Transportation Demand	Distribution Commodity	Distribution Demand	Transportation Commodity	Transportation Demand	Distribution Commodity	Distribution Demand	Firm	Interruptible	
$ (Lines 14 & 34 of Schedule 6.0.0)	-133,045	209,420	159,403	2,634	0	0	277,670	-954	0	0	67,850	4,582	1,428,161	28,099	13,155,037
Billing Determinant	44,669	3,163	55,728	3,628			438,209				14,211	13,135	1,340,882	44,669	
$/10³m³	(2.978)	66.207	2.860	0.726			0.634				4.774	0.349	1.065	0.629	
Rate Rider ($/m3)	(0.0030)	0.0662	0.0029	0.0007			0.0006				0.0048	0.0003	0.0011	0.0006	
Lump Sum Payment							**276,716**				**72,432**				

	2013/14 SUPPLEMENTAL (INCL. IN DIST COMM)			
	Firm	Interruptible		
$ (table on page 2 Tab 6 - line 8)	21,727,498	472,541	22,200,039	35,355,076
Billing Determinant	1,318,705	78,467		
$/10³m³	16.476	6.022		
Rate Rider ($/m3)	0.0165	0.0060		