

Centra Gas Manitoba Inc.
2019/20 General Rate Application - Pre-Hearing Update
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Centra Gas Manitoba Inc.
2019/20 General Rates Application - Pre-Hearing Update
Unit Cost Component Summary
2019/20 Test Year

Schedule 10.1.1(Update)
July 24, 2019

<u>ROR</u>	<u>System</u> <u>Total</u>	<u>Small Gen.</u> <u>Service</u> <u>SGS-Total</u>	<u>Large Gen</u> <u>Service</u> <u>LGS</u>	<u>High</u> <u>Volume</u> <u>HVF</u>	<u>Cooperative</u> <u>CO-OP</u>	<u>Main Line</u> <u>ML</u>	<u>Special</u> <u>Contracts</u> <u>SC</u>	<u>Power</u> <u>Stations</u> <u>GS</u>	<u>Interruptible</u> <u>INT</u>	<u>Primary</u> <u>Gas</u> <u>PG</u>	<u>Firm</u> <u>Supplemental</u> <u>FSP</u>	<u>Interruptible</u> <u>Supplemental</u> <u>ISP</u>	<u>Fixed Price</u> <u>Offering</u> <u>FRPGS</u>
1 REVENUE REQUIREMENTS													
2 Upstream Demand (\$)													
3 Upstream Commodity (\$)													
4 <u>Upstream Customer (\$)</u>													
5 Upstream Total (\$)													
6													
7 Downstream Demand (\$)													
8 Downstream Commodity (\$)													
9 <u>Downstream Customer (\$)</u>													
10 Downstream Total (\$)													
11													
12 Total (incl. gas costs)													
13													
14													
15 MONTHLY BILLING DETERMINANTS													
16 Upstream Demand (10 ³ m ³ -day)													
17 Upstream Commodity (10 ³ m ³)													
18 Upstream Customer (customers)													
19													
20 Downstream Demand (10 ³ m ³ -day)													
21 Downstream Commodity (10 ³ m ³)													
22 Downstream Customer (customers)													
23													
24 PERCENT IN DEMAND CHARGE		0.0%	0.0%	65.0%	100.0%	100.0%	100.0%	100.0%	65.0%	100.0%	100.0%	100.0%	100.0%
25													
26 RESULTING UNIT CHARGES													
27 Upstream Demand (\$/10 ³ m ³ -day)	409.985	0.000	0.000	266.013	424.290	380.745	0.000	0.000	134.597	0.000	0.000	0.000	0.000
28 Upstream Commodity (\$/10 ³ m ³)	89.771	45.300	43.800	14.138	2.543	2.728	0.000	0.000	7.725	88.026	138.486	139.246	90.498
29 Upstream Customer (\$/customer)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30													
31 Downstream Demand (\$/10 ³ m ³ -day)	250.311	0.000	0.000	184.590	166.164	232.674	138.695	4.018	89.289	0.000	0.000	0.000	0.000
32 Downstream Commodity (\$/10 ³ m ³)	7.338	41.734	38.006	10.132	0.000	1.600	0.108	20.532	6.781	0.000	0.000	0.000	0.000
33 Downstream Customer (\$/customer)	24.648	21.665	105.663	1 037.251	230.638	1 107.752	2 768.587	6 581.170	1 063.756	0.000	0.000	0.000	0.000

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Centra Gas Manitoba Inc.
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Comparison of Gas Costs vs. Non-Gas Costs
2019/20 Test Year

Schedule 10.1.2 (Update)
July 24, 2019

	ROR	System Total	Small Gen. Service SGS-Total	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	Fixed Price Offering FRPGS
Gas Costs vs. Non-Gas Costs														
1	REVENUE REQUIREMENTS													
2	Upstream Demand (\$)	Upstream Demand (\$)												
3	Gas Costs	55 371 829	27 629 647	21 124 969	5 897 494	10 336	90 811	0	0	618 572	0	0	0	0
4	Non-gas Costs	2 277 013	1 136 193	868 706	242 518	425	3 734	0	0	25 437	0	0	0	0
5	Total	57 648 842	28 765 840	21 993 675	6 140 012	10 761	94 545	0	0	644 009	0	0	0	0
6		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Upstream Commodity (\$)	Upstream Commodity (\$)												
8	Gas Costs	127 732 252	1 068 171	821 463	253 142	267	4 909	0	0	56 944				50 252
9	Non-gas Costs	3 729 800	1 082 047	855 516	300 605	420	6 596	0	0	71 902				566
10	Total	131 462 052	2 150 218	1 676 979	553 746	687	11 506	0	0	128 845				50 817
11		0	0	0	0	0	0	0	0	0	0	0	0	0
12	Upstream Customer (\$)	Upstream Customer (\$)												
13	Gas Costs	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Non-gas Costs	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
16														
17	Upstream Total (\$)	Upstream Total (\$)												
18	Total Gas Costs	183 104 081	28 697 818	21 946 433	6 150 636	10 603	95 720	0	0	675 515				50 252
19	Total Non-gas Costs	6 006 813	2 218 240	1 724 222	543 123	845	10 331	0	0	97 339				566
20	Total Upstream Costs	189 110 894	30 916 058	23 670 655	6 693 759	11 447	106 051	0	0	772 854				50 817
21		0	0	0	0	0	0	0	0	0	0	0	0	0
22	Downstream Demand (\$)	Downstream Demand (\$)												
23	Gas Costs	198 444	77 367	59 235	18 183	29	11 111			1 868	0	0	0	0
24	Non-gas Costs	43 795 144	19 882 002	14 857 202	4 556 117	4 185	1 785 865	2 244 966	39 450	425 356	0	0	0	0
25	Total	43 993 588	19 959 369	14 916 437	4 574 300	4 214	1 796 976			427 224	0	0	0	0
26														
27	Downstream Commodity (\$)	Downstream Commodity (\$)												
28	Gas Costs	1 658 034	636 685	455 959	145 907	0	121 037			160 829	0	0	0	0
29	Non-gas Costs	13 599 944	7 886 735	5 167 319	408 363	0	136 395	176	346	610	0	0	0	0
30	Total	15 257 978	8 523 421	5 623 278	554 270	0	257 432			161 439	0	0	0	0
31														
32	Downstream Customer (\$)	Downstream Customer (\$)												
33	Gas Costs	0	0	0	0	0	0			0	0	0	0	0
34	Non-gas Costs	85 117 143	72 616 809	10 536 825	1 381 619	2 768	119 637	33 223	157 948	255 301	0	0	0	13 013
35	Total	85 117 143	72 616 809	10 536 825	1 381 619	2 768	119 637			255 301	0	0	0	13 013
36														
37	Downstream Total (\$)	Downstream Total (\$)												
38	Total Gas Costs	1 856 478	714 052	515 195	164 090	29	132 147			162 697	0	0	0	0
39	Total Non-gas Costs	142 512 230	100 385 546	30 561 345	6 346 099	6 953	2 041 898	2 278 365	197 744	681 267	0	0	0	13 013
40	Total Downstream Costs	144 368 709	101 099 598	31 076 540	6 510 189	6 982	2 174 045			843 964	0	0	0	13 013
41														
42	Grand Total Gas Costs	184 960 559	29 411 870	22 461 627	6 314 726	10 632	227 867			838 212				50 252
43	Grand Total Non-gas Costs	148 519 043	102 603 786	32 285 567	6 889 222	7 798	2 052 228	2 278 365	197 744	778 606				13 579
44	Grand Total	333 479 603	132 015 656	54 747 195	13 203 948	18 429	2 280 096			1 616 818				63 831
45														
46														
47	Calculation of the Primary Gas Overhead Rate:									13 579 (lines 9 & 34, FPO column)				
48										562 (10 ³ m ³ (Schedule 10.1.1, line 17, FPO column)				1e
49										24.18 per 10 ³ m ³				

Centra Gas Manitoba Inc.
2019/20 General Rate Application - Pre-Hearing Update
Total Functionalization By Customer Class
2019/20 Test Year

Schedule 10.1.3 (Update)
July 24, 2019

System	Residential	Small Commercial	Small Gen. Service	Large Gen Service	High Volume	Cooperative	Main Line	Special Contracts	Power Stations	Interruptible	Primary Gas	Firm Supplemental	Interruptible Supplemental	Fixed Price Offering
Total	SGS-R	SGS-C	SGS-Total	LGS	HVF	CO-OP	ML	SC	GS	INT	PG	FSP	ISP	FPO
1 PRODUCTION														
2 Demand	0													
3 Energy	126 940 071													
4 Customer	0													
5 Total	126 940 071													
6														
7 PIPELINE														
8 Demand	36 845 687													
9 Energy	428 054													
10 Customer	0													
11 Total	37 273 741													
12														
13 STORAGE														
14 Demand	20 803 155													
15 Energy	4 093 927													
16 Customer	0													
17 Total	24 897 082													
18														
19 TRANSMISSION														
20 Demand	17 382 772													
21 Energy	15 257 978													
22 Customer	0													
23 Total	32 640 750													
24														
25 DISTRIBUTION														
26 Demand	26 610 816	10 767 876	2 058 606	12 826 481	9 808 771	2 980 217	1 866	703 122		290 358				0
27 Energy	0	0	0	0	0	0	0	0						0
28 Customer	11 396 757	10 338 685	723 738	11 062 423	329 124	4 396	2	17		792				0
29 Total	38 007 573	21 106 561	2 782 344	23 888 904	10 137 894	2 984 614	1 868	703 139		291 150				0
30														
31 ONSITE														
32 Demand	0	0	0	0	0	0	0	0						0
33 Energy	0	0	0	0	0	0	0	0						0
34 Customer	73 720 386	55 205 774	6 348 612	61 554 386	10 207 701	1 377 223	2 766	119 620		254 509				13 013
35 Total	73 720 386	55 205 774	6 348 612	61 554 386	10 207 701	1 377 223	2 766	119 620		254 509				13 013
36														
37 TOTAL SERVICE														
38 Demand	101 642 430	40 860 064	7 865 145	48 725 209	36 910 113	10 714 313	14 975	1 891 521		1 071 233				0
39 Energy	146 720 030	8 190 870	2 482 768	10 673 638	7 300 257	1 108 016	687	268 938		290 284				50 817
40 Customer	85 117 143	65 544 459	7 072 349	72 616 809	10 536 825	1 381 619	2 768	119 637		255 301				13 013
41 Total	333 479 603	114 595 394	17 420 262	132 015 656	54 747 195	13 203 948	18 429	2 280 096		1 616 818				63 831

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Centra Gas Manitoba Inc.
2019/20 General Rate Application - Pre-Hearing Update
Allocation Results of Rate Base
2019/20 Test Year

Account Description	Account Code	Total Allocated Dollars	Direct Assignment Factor	Total Direct Assignment	Balance to be Allocated	Allocation Factor	Residential SGS-R	Small Commercial SGS-C	Small Gen. Service SGS-Total	Large Gen Service LGS	High Volume HVF
<u>RATE BASE DETAILS</u>											
I. GAS PLANT IN SERVICE											
A. INTANGIBLE PLANT											
Franchises & Consents	401	22 384		0	22 384		13 025	1 916	14 941	5 086	1 127
Other Intangible Plant	402	13 614 400		0	13 614 400		7 922 114	1 165 664	9 087 778	3 093 366	685 274
Sub-total	401-402	13 636 784		0	13 636 784		7 935 139	1 167 581	9 102 720	3 098 452	686 401
B. PRODUCTION PLANT (Reserved)											
Sub-total	420-424	0		0	0		0	0	0	0	0
C. LOCAL STORAGE PLANT											
Land	440	0		0	0		0	0	0	0	0
Structures & Improvements	442	0		0	0		0	0	0	0	0
Sub-total	440-449	0		0	0		0	0	0	0	0
D. TRANSMISSION PLANT											
Land	460	1 027 343		0	1 027 343		336 276	64 251	400 527	306 661	94 133
Structures & Improvements	461	76 420		0	76 420		25 014	4 779	29 794	22 811	7 002
Structures & Improvements - M&R	463	1 363 403		0	1 363 403		446 277	85 269	531 546	406 974	124 925
Mains	465	155 008 042		0	155 008 042		50 738 137	9 694 371	60 432 508	46 269 707	14 203 005
Measuring & Reg. Equipment	467	14 466 096		0	14 466 096		4 735 127	904 725	5 639 852	4 318 112	1 325 493
Other Transmission Equipment	469	0		0	0		0	0	0	0	0
Sub-total	460-469	171 941 305		0	171 941 305		56 280 831	10 753 395	67 034 226	51 324 265	15 754 558
E. DISTRIBUTION PLANT											
Land	470	1 764 150		0	1 764 150		1 138 749	161 219	1 299 968	369 417	70 597
Computer Equipment - Hardware	471	1 180 367		0	1 180 367		761 920	107 869	869 789	247 172	47 236
Structures & Improvements	472	1 377 038		0	1 377 038		572 552	109 469	682 021	521 480	158 230
Structures & Improvements: M & R	472.1	5 596 871		0	5 596 871		2 173 126	415 409	2 588 535	1 980 008	602 855
Services	473	284 239 631		0	284 239 631		227 894 619	30 429 150	258 323 769	24 635 436	962 180
Regulators	474	56 621 401		0	56 621 401		29 755 325	5 699 896	35 455 221	19 792 703	1 059 822
Regulators & Meters Installations	474.1	0		0	0		0	0	0	0	0
Mains	475	231 880 662		0	231 880 662		134 392 823	17 197 517	151 590 340	60 773 793	17 792 851
Measuring & Reg. Equipment	477	52 283 320		0	52 283 320		19 479 624	3 723 669	23 203 293	17 748 539	5 403 911
Telemetry Equipment	477.1	5 363 336		0	5 363 336		2 082 450	398 075	2 480 526	1 897 390	577 700
Meters	478	46 179 936		0	46 179 936		24 268 191	4 648 787	28 916 978	16 142 761	864 382
AMR/ERT Modules	479	1 703 806		0	1 703 806		1 703 806	0	1 703 806	0	0
Other Distribution Equipment	-	0		0	0		0	0	0	0	0
Sub-total	470-479	688 190 519		0	688 190 519		444 223 186	62 891 059	507 114 245	144 108 699	27 539 764
F. GENERAL PLANT											
Land	480	136 000		0	136 000		90 467	9 451	99 918	22 364	6 375
Structures & Improvements	482	8 619 031		0	8 619 031		5 733 371	598 977	6 332 348	1 417 299	403 994
Leasehold Improvements	482.1	0		0	0		0	0	0	0	0
Office Furniture & Equipment	483	0		0	0		0	0	0	0	0
Target Adjustments	483.1	0		0	0		0	0	0	0	0
Computer Equipment: Software	483.2	0		0	0		0	0	0	0	0
Computer System Development	483.3	0		0	0		0	0	0	0	0
Transportation Equipment	484	-655		0	-655		-436	-46	-481	-108	-31
Vehicle Conversion Kits	484.1	0		0	0		0	0	0	0	0
Heavy Work Equipment	485	185 134		0	185 134		105 376	15 601	120 977	42 932	9 828
Tools & Work Equipment	486	188		0	188		107	16	123	44	10
Rental Equipment: Conv. Bur.	487	0		0	0		0	0	0	0	0
Deferred Ineligible Overhead	488	3 849 973		0	3 849 973		2 560 998	267 553	2 828 551	633 083	180 457
Property, Plant & Equipment Gas Inventory	489	297 209		0	297 209		177 192	25 323	202 516	64 611	14 002
Sub-total	480-490	13 086 880		0	13 086 880		8 667 076	916 875	9 583 952	2 180 224	614 636
Sub-total Plant-in-Service		886 855 489		0	886 855 489		517 106 232	75 728 911	592 835 143	200 711 640	44 595 359
G. ADDITIONS TO UTILITY PLANT											
Construction Work in Progress		0		0	0		0	0	0	0	0
Other Additions		0		0	0		0	0	0	0	0
Sub-total		0		0	0		0	0	0	0	0
Total Utility Plant		886 855 489		0	886 855 489		517 106 232	75 728 911	592 835 143	200 711 640	44 595 359
II. ACCUMULATED DEPRECIATION											
Intangible Plant		-5 220 747		0	-5 220 747		-3 064 205	-448 428	-3 512 633	-1 148 404	-262 706
Production Plant		0		0	0		0	0	0	0	0
Local Storage Plant		0		0	0		0	0	0	0	0

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Allocation Results of Rate Base
2019/20 Test Year

Account Description	Account Code	Total Allocated Dollars	Direct Assignment Factor	Total Direct Assignment	Balance to be Allocated	Allocation Factor	Allocation				
							Residential SGS-R	Small Commercial SGS-C	Small Gen. Service SGS-Total	Large Gen. Service LGS	High Volume HVF
Transmission Plant		-41 188 559		0	-41 188 559		-13 470 826	-2 573 826	-16 044 653	-12 284 464	-3 780 021
Distribution Plant		-228 870 742		0	-228 870 742		-147 103 046	-20 694 327	-167 797 373	-47 336 138	-9 916 707
General Plant		-7 482 792		0	-7 482 792		-4 889 108	-529 528	-5 418 635	-1 321 924	-367 225
Retirement Work in Progress		0		0	0		0	0	0	0	0
Sub-total		-282 762 840		0	-282 762 840		-168 527 185	-24 246 109	-192 773 294	-62 090 930	-14 326 659
Plant Held For Future Use		0		0	0		0	0	0	0	0
Total Accumulated Depreciation		-282 762 840		0	-282 762 840		-168 527 185	-24 246 109	-192 773 294	-62 090 930	-14 326 659
III. OTHER RATE BASE											
Contributions in Aid of Construction		-61 613 212		0	-61 613 212		-22 707 462	-4 186 729	-26 894 191	-18 453 450	-5 474 502
Cash Working Capital		13 933 390		0	13 933 390		6 101 209	891 670	6 992 879	2 516 541	563 278
Security Deposits		-900 000		0	-900 000		-723 624	-50 656	-774 280	-102 995	-17 517
Gas in Storage		33 138 755		0	33 138 755		13 001 916	2 442 022	15 443 938	12 229 506	4 326 060
Investment in DSM		53 559 521		0	53 559 521		23 030 594	8 033 928	31 064 522	20 352 618	1 606 786
Investment in Regulatory Costs		2 847 151		0	2 847 151		1 893 922	197 862	2 091 784	468 181	133 453
Investment in Site Restoration		1 608 420		0	1 608 420		958 920	137 044	1 095 964	349 657	75 776
Total Other Rate Base		42 574 026		0	42 574 026		21 555 474	7 465 142	29 020 616	17 360 058	1 213 332
TOTAL RATE BASE		646 666 675		0	646 666 675		370 134 522	58 947 943	429 082 465	155 980 768	31 482 032

Centra Gas Manitoba Inc.
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Allocation Results of Rate Base
2019/20 Test Year

Account Description	Account Code	Total Allocated Dollars						Primary Gas PG	Firm Supplemental FSP	Interruptible Supplemental ISP	Fixed Price Offering FPO
		CO-OP	Main Line ML	Special Contracts SC	Power Stations GS	Interruptible INT					
Transmission Plant		-41 188 559	-6 016	-2 322 501	-6 067 361	-296 207	-387 336	0	0	0	0
Distribution Plant		-228 870 742	-9 418	-1 869 088	-132 813	-758 457	-1 050 748	0	0	0	0
General Plant		-7 482 792	-445	-81 766	-108 562	-7 805	-46 236	-116 792	-11 160	-771	-1 470
Retirement Work in Progress		0	0	0	0	0	0	0	0	0	0
Sub-total		-282 762 840	-16 202	-4 363 458	-6 465 091	-1 084 945	-1 512 068	-116 792	-11 160	-771	-1 470
Plant Held For Future Use		0	0	0	0	0	0	0	0	0	0
Total Accumulated Depreciation		-282 762 840	-16 202	-4 363 458	-6 465 091	-1 084 945	-1 512 068	-116 792	-11 160	-771	-1 470
III. OTHER RATE BASE											
Contributions in Aid of Construction		-61 613 212	-7 551	-2 844 805	-7 021 170	-357 728	-559 815	0	0	0	0
Cash Working Capital		13 933 390	746	129 972	92 396	3 303	63 912	3 237 120	309 328	21 365	2 551
Security Deposits		-900 000	-158	-1 420	-158	-316	-3 156	0	0	0	0
Gas in Storage		33 138 755	6 110	95 453	0	0	1 037 688	0	0	0	0
Investment in DSM		53 559 521	0	535 595	0	0	0	0	0	0	0
Investment in Regulatory Costs		2 847 151	183	42 830	38 384	4 493	16 740	45 844	4 381	303	577
Investment in Site Restoration		1 608 420	85	25 186	47 950	5 648	8 153	0	0	0	0
Total Other Rate Base		42 574 026	-585	-2 017 189	-6 842 598	-344 600	563 523	3 282 964	313 709	21 668	3 128
TOTAL RATE BASE		646 666 675	31 600	7 957 178	12 938 810	1 655 221	3 821 084	3 369 126	321 942	22 236	4 212

Centra Gas Manitoba Inc.
2019/20 General Rate Application - Pre-Hearing Update
Allocation Results of Cost of Service Elements
2019/20 Test Year

Account Description	Account Code	Total Allocated Dollars	Direct Assignment Factor	Total Direct Assignment	Balance to be Allocated	Allocation Factor	Residential SGS-R	Small Commercial SGS-C	Small Gen. Service SGS-Total	Large Gen Service LGS	High Volume HVF
COST OF SERVICE DETAILS											
I. COST OF GAS											
A. FIXED COSTS											
TCPL FS Demand - Sask Zone											
TCPL STS Demand											
B. VARIABLE TRANSPORTATION											
TCPL FS - Sask Zone											
TCPL FS - Flowing directly to Man Zone											
TCPL FS - SSDA (Welwyn)											
Primary Gas Delivered Service											
GLGT Storage Transportation											
ANR Storage Transportation											
ANR Storage Withdrawl Chg.											
Storage Gas - Transportation & Delivery Cost											
Compressor Fuel: TCPL SSSA											
Compressor Fuel: Primary											
Compressor Fuel: Emerson											
Compressor Fuel: TCPL SSSA (Welwyn) to MDA											
Compressor Fuel: Oklahoma											
Compressor Fuel: Storage & Supplemental US Supplies											
C. COMMODITY COST											
Primary Direct to System											
Storage Gas: Primary to System											
Oklahoma Supply											
Storage Gas: Supplemental Supply											
Emerson Supply											
Primary Gas Delivered Service											
Fixed Price Offering											
D. OTHER GAS COSTS											
Minell Charges											
Load Balancing Charges											
Baseload Volume Price Increment Charges											
Sub-total											
Total Cost of Gas		184 960 559		0	184 960 559		24 692 523	4 719 347	29 411 870	22 461 627	6 314 726
II. OTHER REVENUE											
Rental Income		0		0	0		0	0	0	0	0
Late Payment Charge		-618 595		0	-618 595		-578 125	-40 470	-618 595	0	0
Broker Revenue		-17 774		0	-17 774		-13 313	-1 531	-14 844	-2 462	-332
Other		-553 358		0	-553 358		-368 093	-38 455	-406 549	-90 993	-25 937
Total Other Revenue		-1 189 728		0	-1 189 728		-959 531	-80 457	-1 039 988	-93 455	-26 269

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Centra Gas Manitoba Inc.
2019/20 General Rate Application - Pre-Hearing Update
Allocation Results of Cost of Service Elements
2019/20 Test Year

Account Description	Account Code	Total Allocated Dollars	Cooperative CO-OP	Main Line ML	Special Contracts SC	Power Stations GS	Interruptible INT	Primary Gas PG	Firm Supplemental FSP	Interruptible Supplemental ISP	Fixed Price Offering FPO
COST OF SERVICE DETAILS											
I. COST OF GAS											
A. FIXED COSTS											
TCPL FS Demand - Sask Zone											
TCPL STS Demand											
TCPL Firm Service - Emerson to Man Zone											
TCPL FS Demand - Man Zone											
Other Pipeline Fixed Tolls											
ANR Storage Deliverability											
ANR Joliet to Storage Winter											
ANR Crystal Falls from Storage											
GLGT Storage to Deward											
Seasonal Storage Capacity											
Seasonal Storage Deliverability											
Annual Storage Capacity											
Annual Storage Deliverability											
ANR Joliet to Storage Summer											
ANR Crystal Falls to Storage											
GLGT Emerson to Crystal Falls											
Forecast Capacity Management Revenues											
Sub-total											
B. VARIABLE TRANSPORTATION											
TCPL FS - Sask Zone											
TCPL FS - Flowing directly to Man Zone											
TCPL FS - SSDA (Welwyn)											
Primary Gas Delivered Service											
GLGT Storage Transportation											
ANR Storage Transportation											
ANR Storage Withdrawl Chg.											
Storage Gas - Transportation & Delivery Cost											
Compressor Fuel: TCPL SSDA											
Compressor Fuel: Primary											
Compressor Fuel: Emerson											
Compressor Fuel: TCPL SSDA (Welwyn) to MDA											
Compressor Fuel: Oklahoma											
Compressor Fuel: Storage & Supplemental US Supplies											
Sub-total											
C. COMMODITY COST											
Primary Direct to System											
Storage Gas: Primary to System											
Oklahoma Supply											
Storage Gas: Supplemental Supply											
Emerson Supply											
Primary Gas Delivered Service											
Fixed Price Offering											
Sub-total											
D. OTHER GAS COSTS											
Minell Charges											
Load Balancing Charges											
Baseload Volume Price Increment Charges											
Sub-total											
Total Cost of Gas		184 960 559	10 632	227 867			838 212				50 252
II. OTHER REVENUE											
Rental Income		0	0	0	0	0					0
Late Payment Charge		-618 595	0	0	0	0					0
Broker Revenue		-17 774	-1	-29	-8	-38					0
Other		-553 358	-35	-8 324	-7 460	-873	-3 253				-112
Total Other Revenue		-1 189 728	-36	-8 353	-7 468	-911	-3 315				-112

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Centra Gas Manitoba Inc.
2019/20 General Rate Application - Pre-Hearing Update
Allocation Results of Cost of Service Elements
2019/20 Test Year

Account Description	Account Code	Total Allocated Dollars	Direct Assignment Factor	Total Direct Assignment	Balance to be Allocated	Allocation Factor	Residential SGS-R	Small Commercial SGS-C	Small Gen. Service SGS-Total	Large Gen Service LGS	High Volume HVF
III. OPERATING & ADMINISTRATIVE EXPENSES											
A. CUSTOMER SERVICE & CORPORATE RELATIONS											
Back/Middle Office Services		289 500		0	289 500		38 649	7 387	46 035	35 157	9 884
Billing & Collections		7 305 706		1 676 370	5 629 336		5 951 052	484 480	6 435 531	728 033	109 568
Customer & Public Relations		3 859 264		0	3 859 264		2 509 167	163 012	2 692 179	623 042	493 033
Customer Information Systems (Banner)		626 516		0	626 516		568 351	39 786	608 138	18 093	242
Customer Inspections		8 183 980		3 053 280	5 130 700		7 060 610	522 209	7 582 819	378 531	66 861
Customer Safety Services		1 533 268		0	1 533 268		1 054 017	73 784	1 127 802	398 651	5 254
Dispatch		1 920 232		0	1 920 232		1 506 705	199 133	1 705 838	205 827	6 552
Energy Supply, Planning & Support		2 720 507		227 127	2 493 380		748 406	143 085	891 491	681 864	254 776
Environment		947 718		0	947 718		453 495	65 874	519 369	262 212	78 377
Meter Reading		2 497 000		0	2 497 000		1 999 726	164 237	2 163 963	314 912	13 918
Rate and Regulatory Affairs		1 304 130		0	1 304 130		867 506	90 630	958 136	214 449	61 128
Sub-total		31 287 820		4 956 777	26 331 043		22 757 684	1 973 617	24 731 301	3 860 770	1 099 590
B. OPERATIONS AND MAINTENANCE											
Communication System		133 401		0	133 401		21 459	4 102	25 561	19 556	64 987
Distribution Maintenance		7 005 490		0	7 005 490		4 041 913	686 487	4 728 400	1 555 058	352 437
Load Forecast		107 459		0	107 459		50 215	3 515	53 730	27 051	20 708
Metering		360 895		0	360 895		252 405	17 669	270 074	51 491	30 317
Plant Failures & Emergencies		232 125		0	232 125		159 570	11 170	170 741	60 353	795
Quality Assessment		448 010		0	448 010		254 390	43 320	297 710	100 703	23 217
Regulating Station Maintenance		5 105 540		369 850	4 735 690		2 677 906	364 573	3 042 480	1 370 673	406 060
System Performance & Reliability		2 662 235		0	2 662 235		1 273 912	185 047	1 458 959	736 581	220 168
Sub-total		16 055 155		369 850	15 685 305		8 731 770	1 315 884	10 047 654	3 921 467	1 118 689
C. ORGANIZATIONAL SUPPORT											
Corporate Governance		2 298 176		0	2 298 176		1 531 793	160 295	1 692 088	380 670	108 518
Corporate Infrastructure		4 591 823		0	4 591 823		3 054 477	319 107	3 373 584	755 072	215 230
Corporate Services		1 966 406		0	1 966 406		1 308 051	136 655	1 444 706	323 352	92 170
Departmental Support		5 738 889		0	5 738 889		3 817 503	398 822	4 216 326	943 693	268 995
Operational Management		1 522 445		0	1 522 445		1 012 729	105 802	1 118 531	250 348	71 361
Sub-total		16 117 739		0	16 117 739		10 724 553	1 120 682	11 845 234	2 653 135	756 273
D. ADJUSTMENTS TO INCOME											
Corporate Alloc. & Adj.		-698 741		0	-698 741		-464 802	-48 559	-513 361	-114 900	-32 752
Depreciation, Interest, Taxes		-2 212 185		0	-2 212 185		-1 471 544	-153 735	-1 625 279	-363 768	-103 690
Sub-total		-2 910 927		0	-2 910 927		-1 936 346	-202 294	-2 138 640	-478 668	-136 442
Total Operating & Administrative Expenses		60 549 788		5 326 627	55 223 160		40 277 661	4 207 888	44 485 550	9 956 704	2 838 111

Centra Gas Manitoba Inc.
2019/20 General Rate Application - Pre-Hearing Update
Allocation Results of Cost of Service Elements 2019/20 Test Year

Account Description	Account Code	Total Allocated Dollars	Special				Power Stations GS	Interruptible INT	Primary Gas PG	Firm Supplemental FSP	Interruptible Supplemental ISP	Fixed Price Offering FPO
			Cooperative CO-OP	Main Line ML	Contracts SC	Power Stations GS						
III. OPERATING & ADMINISTRATIVE EXPENSES												
A. CUSTOMER SERVICE & CORPORATE RELATIONS												
Back/Middle Office Services		289 500	17	357	118	145	1 312				79	
Billing & Collections		7 305 706	987	8 884	987	1 974	19 742				0	
Customer & Public Relations		3 959 264	0	40 003	4 000	9 001	89 006				9 001	
Customer Information Systems (Banner)		626 516	0	0	0	0	0				0	
Customer Inspections		8 183 980	120	39 632	103 946	5 030	7 041				0	
Customer Safety Services		1 533 268	47	426	47	95	947				0	
Dispatch		1 920 232	0	1 169	0	0	846				0	
Energy Supply, Planning & Support		2 720 507	329	145 128	71 776	33 007	21 242				249	
Environment		947 718	56	21 259	55 959	2 690	7 796				0	
Meter Reading		2 497 000	0	1 372	152	305	2 377				0	
Rate and Regulatory Affairs		1 304 130	84	19 618	17 582	2 058	7 668				264	
Sub-total		31 287 820	1 639	277 849	254 569	54 304	158 020				9 592	
B. OPERATIONS AND MAINTENANCE												
Communication System		133 401	10	8 404	2 498	1 158	11 227				0	
Distribution Maintenance		7 005 490	297	115 578	208 279	10 014	35 427				0	
Load Forecast		107 459	0	1 679	187	373	3 731				0	
Metering		360 895	273	2 458	273	546	5 462				0	
Plant Failures & Emergencies		232 125	7	64	7	14	143				0	
Quality Assessment		448 010	21	8 039	15 250	733	2 337				0	
Regulating Station Maintenance		5 105 540	653	245 626	0	3	40 045				0	
System Performance & Reliability		2 662 235	156	59 719	157 195	7 558	21 899				0	
Sub-total		16 055 155	1 417	441 568	383 689	20 399	120 273				0	
C. ORGANIZATIONAL SUPPORT												
Corporate Governance		2 298 176	128	27 344	30 983	3 626	13 568				466	
Corporate Infrastructure		4 591 823	294	69 076	61 905	7 246	26 997				930	
Corporate Services		1 966 406	126	29 581	26 510	3 103	11 561				398	
Departmental Support		5 738 889	368	86 331	77 369	9 055	33 741				1 163	
Operational Management		1 522 445	98	22 902	20 525	2 402	8 951				308	
Sub-total		16 117 739	1 014	235 234	217 292	25 432	94 819				3 266	
D. ADJUSTMENTS TO INCOME												
Corporate Alloc. & Adj.		-698 741	-45	-10 511	-9 420	-1 103	-4 108				-142	
Depreciation, Interest, Taxes		-2 212 185	-142	-33 278	-29 824	-3 491	-13 006				-448	
Sub-total		-2 910 927	-187	-43 790	-39 244	-4 593	-17 115				-590	
Total Operating & Administrative Expenses		60 549 788	3 883	910 861	816 306	95 542	355 997				12 268	



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Centra Gas Manitoba Inc.
2019/20 General Rate Application - Pre-Hearing Update
Allocation Results of Cost of Service Elements
2019/20 Test Year

Account Description	Account Code	Total Allocated Dollars	Direct Assignment Factor	Total Direct Assignment	Balance to be Allocated	Allocation Factor	Residential SGS-R	Small Commercial SGS-C	Small Gen. Service SGS-Total	Large Gen Service LGS	High Volume HVF
IV. DEPRECIATION & AMORTIZATION											
Depreciation Expense		17 180 097		0	17 180 097		9 643 478	1 472 272	11 115 750	4 298 854	832 812
Amortization of Cust. Contributions		-1 130 083		0	-1 130 083		-105 208	49 049	-56 159	-287 952	-148 582
Depreciation: Common Assets		4 547 217		0	4 547 217		3 024 804	316 007	3 340 812	747 737	213 139
Amortization Expense (Deferreds)		1 806 963		0	1 806 963		1 051 458	154 712	1 206 170	410 565	90 953
Demand Side Management Amortization Expense (Deferred)		9 945 608		0	9 945 608		4 276 611	1 491 841	5 768 452	3 779 331	298 368
Furnace Replacement Program		0		0	0		0	0	0	0	0
Ex-Franchise Depreciation & Amortization		0		0	0		0	0	0	0	0
Total Depreciation & Amortization Expenses		32 349 802		0	32 349 802		17 891 143	3 483 881	21 375 025	8 948 535	1 286 690
V. CAPITAL & OTHER TAXES											
Municipal Taxes		12 900 000		0	12 900 000		7 506 410	1 104 498	8 610 907	2 931 045	649 315
Payroll Tax		839 629		0	839 629		558 520	58 350	616 870	138 067	39 355
Taxes on Common Assets		93 000		0	93 000		52 903	8 487	61 390	22 658	4 602
Corporate Capital Tax		3 286 134		0	3 286 134		1 869 303	299 894	2 169 197	800 629	162 602
Business Taxes		0		0	0		0	0	0	0	0
Other		0		0	0		0	0	0	0	0
Income Taxes		3 192 741		0	3 192 741		1 816 177	291 371	2 107 547	777 875	157 981
Total Taxes		20 311 504		0	20 311 504		11 803 313	1 762 599	13 565 911	4 670 274	1 013 855
VI. FINANCE EXPENSE		21 603 263		0	21 603 263		12 365 123	1 969 280	14 334 404	5 210 866	1 051 724
VII. CORPORATE ALLOCATION		12 000 000		0	12 000 000		6 868 476	1 093 879	7 962 355	2 894 488	584 203
VIII. NET INCOME (LOSS)		2 894 415		0	2 894 415		1 656 685	263 845	1 920 530	698 154	140 910
COST OF SERVICE SUMMARY											
COST OF GAS		184 960 559		0	184 960 559		24 692 523	4 719 347	29 411 870	22 461 627	6 314 726
OTHER REVENUE		-1 189 728		0	-1 189 728		-959 531	-80 457	-1 039 988	-93 455	-26 269
OPERATING EXPENSES											
Customer Service & Corporate Relations		31 287 820		4 956 777	26 331 043		22 757 684	1 973 617	24 731 301	3 860 770	1 099 590
Operations & Maintenance		16 055 155		369 850	15 685 305		8 731 770	1 315 884	10 047 654	3 921 467	1 118 689
Organizational Support		16 117 739		0	16 117 739		10 724 553	1 120 682	11 845 234	2 653 135	756 273
Adjustments to Income		-2 910 927		0	-2 910 927		-1 936 346	-202 294	-2 138 640	-478 668	-136 442
Sub-total		60 549 788		5 326 627	55 223 160		40 277 661	4 207 888	44 485 550	9 956 704	2 838 111
DEPRECIATION & AMORTIZATION		32 349 802		0	32 349 802		17 891 143	3 483 881	21 375 025	8 948 535	1 286 690
CAPITAL & OTHER TAXES		20 311 504		0	20 311 504		11 803 313	1 762 599	13 565 911	4 670 274	1 013 855
FINANCE EXPENSE		21 603 263		0	21 603 263		12 365 123	1 969 280	14 334 404	5 210 866	1 051 724
CORPORATE ALLOCATION		12 000 000		0	12 000 000		6 868 476	1 093 879	7 962 355	2 894 488	584 203
NET INCOME		2 894 415		0	2 894 415		1 656 685	263 845	1 920 530	698 154	140 910
COST OF SERVICE		333 479 603		5 326 627	328 152 976		114 595 394	17 420 262	132 015 656	54 747 195	13 203 948

Centra Gas Manitoba Inc.
2019/20 General Rate Application - Pre-Hearing Update
Allocation Results of Cost of Service Elements
2019/20 Test Year

Account Description	Account Code	Total Allocated Dollars	Cooperative CO-OP	Main Line ML	Special Contracts SC	Power Stations GS	Interruptible INT	Primary Gas PG	Firm Supplemental FSP	Interruptible Supplemental ISP	Fixed Price Offering FPO	
IV. DEPRECIATION & AMORTIZATION												
Depreciation Expense		17 180 097	977	288 085	484 077	61 780	93 221				51	
Amortization of Cust. Contributions		-1 130 083	-279	-87 597	-387 585	-128 967	-32 961				0	
Depreciation: Common Assets		4 547 217	292	68 405	61 304	7 175	26 735				921	
Amortization Expense (Deferreds)		1 806 963	98	29 242	53 895	6 335	9 705				0	
Demand Side Management Amortization Expense (Deferred)		9 945 608	0	99 456	0	0	0				0	1e
Furnace Replacement Program		0	0	0	0	0	0				0	
Ex-Franchise Depreciation & Amortization		0	0	0	0	0	0				0	
Total Depreciation & Amortization Expenses		32 349 802	1 088	397 590	211 691	-53 678	96 700				973	
V. CAPITAL & OTHER TAXES												
Municipal Taxes		12 900 000	702	208 761	384 760	45 224	69 285				0	
Payroll Tax		839 629	54	12 631	11 320	1 325	4 937				170	
Taxes on Common Assets		93 000	5	1 155	1 861	238	557				1	
Corporate Capital Tax		3 286 134	162	40 821	65 751	8 411	19 671				21	1e
Business Taxes		0	0	0	0	0	0				0	
Other		0	0	0	0	0	0				0	
Income Taxes		3 192 741	157	39 661	63 882	8 172	19 112				21	
Total Taxes		20 311 504	1 079	303 029	527 573	63 370	113 562				213	
VI. FINANCE EXPENSE												
		21 603 263	1 056	265 826	432 248	55 296	127 651				141	1e
VII. CORPORATE ALLOCATION												
		12 000 000	586	147 659	240 102	30 715	70 907				78	1e
VIII. NET INCOME (LOSS)												
		2 894 415	141	35 616	57 913	7 409	17 103				19	1e
COST OF SERVICE SUMMARY												
COST OF GAS		184 960 559	10 632	227 867	[REDACTED]	[REDACTED]	838 212				50 252	1a, 2d
OTHER REVENUE		-1 189 728	-36	-8 353	-7 468	-911	-3 315				-112	1e
OPERATING EXPENSES												
Customer Service & Corporate Relations		31 287 820	1 639	277 849	254 569	54 304	158 020				9 592	
Operations & Maintenance		16 055 155	1 417	441 568	383 689	20 399	120 273				0	
Organizational Support		16 117 739	1 014	235 234	217 292	25 432	94 819				3 266	1e
Adjustments to Income		-2 910 927	-187	-43 790	-39 244	-4 593	-17 115				-590	
Sub-total		60 549 788	3 883	910 861	816 306	95 542	355 997				12 268	
DEPRECIATION & AMORTIZATION		32 349 802	1 088	397 590	211 691	-53 678	96 700				973	1e
CAPITAL & OTHER TAXES		20 311 504	1 079	303 029	527 573	63 370	113 562				213	1e
FINANCE EXPENSE		21 603 263	1 056	265 826	432 248	55 296	127 651				141	1e
CORPORATE ALLOCATION		12 000 000	586	147 659	240 102	30 715	70 907				78	1e
NET INCOME		2 894 415	141	35 616	57 913	7 409	17 103				19	1e
COST OF SERVICE		333 479 603	18 429	2 280 096	[REDACTED]	[REDACTED]	1 616 818				63 831	1e

Centra Gas Manitoba Inc.
2019/20 General Rates Application - Pre-Hearing Update
Revenue of Non-Gas Costs at Existing Rates
2019/20 Test Year

Schedule 10.1.6 (Update)
 July 24, 2019

Account Description	Total Allocated Dollars	Residential SGS-R	Small Commercial SGS-C	Small Gen. Service SGS-Total	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	FRPGS Fixed Price
1 DOWNSTREAM REVENUES															
2 FROM CURRENT RATES															
3															
4 Number of Bills															
5 Basic Monthly Charge				\$14.00	\$77.00	\$1 118.31	\$274.06	\$2 353.33	\$115 409.95	\$8 026.07	\$1 042.72				
6 Basic Monthly Revenue	58 178 524														
7															
8 Billing Demand															
9 Monthly Demand Charge				\$0.00	\$0.00	\$149.52	\$128.61	\$156.26	\$0.00	\$4.28	\$76.80				
10 Monthly Demand Revenue	3 900 839														
11															
12 Billing Volume															
13 Volumetric Charge				\$85.22	\$34.46	\$6.39	\$0.00	\$0.01	\$0.00	\$0.09	\$2.90				
14 Volumetric Revenue	78 281 763														
15															
16 Total Downstream Revenue	140 361 127														
17															
18															
19															
20 UPSTREAM REVENUES															
21 FROM CURRENT RATES															
22															
23															
24 Billing Demand															
25 Monthly Demand Charge				\$0.00	\$0.00	\$6.18	\$9.88	\$10.98	\$0.00	\$0.00	\$2.92				
26 Monthly Demand Revenue	104 769														
27															
28 Billing Volume															
29 Volumetric Charge				\$7.11	\$7.09	\$4.83	\$4.53	\$4.54	\$0.00	\$0.00	\$4.68	\$1.64	\$0.78	\$1.30	\$31.37
30 Volumetric Revenue	12 056 997														
31															
32 Total Upstream Revenue	12 161 766														
33															
34															
35 TOTAL NON-GAS REVENUES	152 540 508	0	0	109 941 344	30 132 872	6 274 676	8 024	1 484 485			845 414				
36 FROM CURRENT RATES															

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