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## SALES OF MANUFACTURED AND NATURAL GAS

OCTOBER 1963

Natural gas sales in Canada for October 1963 increased 3.7 per cent to 31,192,722 Mcf. from 30,090,365 Mcf. last year and revenue from these sales increased to \$17,839,545 from \$17,268,552, up 3.3 per cent over 1962.

Residential sales decreased to 6,029,521 Mcf. from 6,766,219 Mcf., down 10.9 per cent and accounted for 19.3 per cent of the total sales. Revenue decreased to \$7,658,986 from \$8,068,109 last year and accounted for 42.9 per cent of the total revenues. Customers increased 6.0 per cent to 1,291,117 from 1,217,993 and space heating customers rose 10.8 per cent to 929,663, including conversions as well as new customers. The decline of residential sales for October 1963 was due to abnormally warm weather. For example Edmonton had 542 degree days versus a normal 750 and last year's 602, while Ottawa had 366 degree days versus a normal 580 and last year's 601.

Industrial sales increased 10.1 per cent to 21,682,105 Mcf. from 19,695,463 Mcf. and accounted for 69.5 per cent of the total volume and 41.8 per cent of the total revenues. Revenue from industrial sales rose to \$7,450,555 from \$6,470,974, up 15.1 per cent.

Commercial sales decreased to 3,481,096 Mcf. from 3,628,683 Mcf. last year and accounted for 11.2 per cent of the total volume. Revenue from commercial sales had a slight increase to \$2,730,004 from \$2,729,469 and accounted for 15.3 per cent of the total revenues.

Ontario sales for October 1963 increased 4.6 per cent to 10,944,978 Mcf. from 10,467,217 Mcf. for the same period in 1962, while Alberta sales decreased to 11,746,392 Mcf. from 11,896,833 Mcf., down 1.3 per cent.

Exports for October 1963 decreased 12.5 per cent to 29,289,379 Mcf. from 33,456,203 Mcf. last year. For the twelve-month period ending October 31, 1963, exports amounted to 356,401,303 Mcf.

Sales of natural gas for the ten-month period January to October 1963 totalled 364,205,141 Mcf. and revenue totalled \$228,248,793. Total sales in Canada for the twelve-month period ending October 31 amounted to 445,874,110 Mcf.

This report contains several significant revisions in concept. In previous years the sales volumes were reported in cubic feet containing approximately 1,000 B.T.U.'s. Unfortunately, not all of the statistics collected were consistent, and it was difficult to relate these statistics to statistics on other sectors of the gas industry. Sales of natural gas in Tables 1, 2 and 3 of this report, therefore, are measured in Mcf. at 14.73 p.s.i.a. regardless of B.T.U. content. Tables 4, 5 and 6 report the sales volume in terms of cubic feet containing 1,000 B.T.U.'s. As a result, comparisons with previous years are not precise, although they are close. Analysis of the differences arising from these changes are being made and will be reported in a future publication.

Industry Division

January 1964  
8506-501

TABLE 1. Sales of Natural Gas

No.		October 1963					
		Customers		Gas sold	Revenue	Sales per customer	Revenue per Mcf.
		Space heating	Total				
	Residential:	No.		Mcf.	\$	Mcf.	\$
1	New Brunswick .....	100	2,500	4,370	14,419	1.7	3.30
2	Quebec .....	66,278	228,717	386,956	946,332	1.7	2.45
3	Ontario .....	397,445	553,329	2,293,227	3,405,495	4.1	1.49
4	Manitoba .....	64,862	68,456	302,377	340,147	4.4	1.12
5	Saskatchewan .....	77,313	83,961	463,718	491,175	5.5	1.06
6	Alberta .....	206,282	213,181	1,737,377	1,167,268	8.1	0.67
7	British Columbia .....	117,383	140,973	841,496	1,294,150	6.0	1.54
8	Canada .....	929,663	1,291,117	6,029,521	7,658,986	4.7	1.27
	Industrial:						
9	New Brunswick .....	-	-	-	-	-	-
10	Quebec .....	2,294	2,294	1,618,323	772,105	705	0.48
11	Ontario .....	5,835	5,835	7,560,817	3,921,013	1,296	0.52
12	Manitoba .....	209	209	572,473	183,589	2,739	0.32
13	Saskatchewan .....	492	492	1,670,601	377,326	3,396	0.23
14	Alberta .....	550	550	8,497,516	1,415,810	15,450	0.17
15	British Columbia .....	651	651	1,762,375	780,712	2,707	0.44
16	Canada .....	10,031	10,031	21,682,105	7,450,555	2,162	0.34
17	Firm .....	9,641	9,641	16,468,661	5,480,419	...	...
18	Interruptible .....	390	390	5,213,444	1,970,136	...	...
	Commercial:						
19	New Brunswick .....	39	39	1,450	1,907	37.2	1.32
20	Quebec .....	10,609	10,609	140,896	226,513	13.3	1.61
21	Ontario .....	44,993	44,993	1,090,934	1,220,834	24.2	1.12
22	Manitoba .....	6,066	6,066	238,868	182,773	39.4	0.77
23	Saskatchewan .....	9,148	9,148	208,882	139,677	22.8	0.67
24	Alberta .....	23,157	23,157	1,511,499	596,845	65.3	0.39
25	British Columbia .....	18,212	18,212	288,567	361,455	15.8	1.25
26	Canada .....	112,224	112,224	3,481,096	2,730,004	31.0	0.78
	Total Sales:						
27	New Brunswick .....	2,539	2,539	5,820	16,326	2.3	2.81
28	Quebec .....	241,620	241,620	2,146,175	1,944,950	8.9	0.91
29	Ontario .....	604,157	604,157	10,944,978	8,547,342	18.1	0.78
30	Manitoba .....	74,731	74,731	1,113,718	706,509	14.9	0.63
31	Saskatchewan .....	93,601	93,601	2,343,201	1,008,178	25.0	0.43
32	Alberta .....	236,888	236,888	11,746,392	3,179,923	49.6	0.27
33	British Columbia .....	159,836	159,836	2,892,438	2,436,317	18.1	0.84
34	Canada .....	1,413,372	1,413,372	31,192,722	17,839,545	22.1	0.57

Revised figures.

TABLE 2. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases				
		October 1963			Year to date 1963	
		Customers	Gas sold	Revenue	Gas sold	Revenue
		No.	Mcf.	\$	Mcf.	\$
1	Domestic .....	15,739	84,740	81,689	725,463	724,797
2	Industrial .....	49	2,429	3,761	13,475	20,582
3	Commercial .....	2,411	55,220	43,563	455,425	436,391
4	Total .....	18,199	142,389	129,013	1,194,363	1,181,770

TABLE 3. Exports and Imports of Natural Gas

No.		October 1963					Year to date 1963
		Ontario	Manitoba	Alberta	British Columbia	Total	Total
		Mcf.					
1	Exports .....	149,648	4,800,196	2,088,300	22,251,235	29,289,379	290,545,927
2	Imports .....	63,470	-	4,555	-	68,025	6,800,891

TABLE 1. Sales of Natural Gas

October 1962 <sup>F</sup>				Year to date 1963 <sup>F</sup>			
Customers		Gas sold	Revenue	Customers		Revenue	No.
Space heating	Total			Gas sold	Revenue		
No.		Mcf.	\$	No.	Mcf.	\$	
100	2,744	5,415	16,093	2,617	52,315	162,962	1
53,904	227,459	466,745	1,135,652	228,941	5,345,758	11,066,786	2
357,640	519,191	2,380,765	3,496,624	541,902	49,930,429	62,328,090	3
53,449	57,355	347,871	359,618	63,907	7,445,840	6,836,600	4
70,696	76,771	544,090	526,109	82,238	11,344,867	8,569,835	5
197,853	204,198	2,116,714	1,247,022	211,079	29,877,163	16,767,071	6
105,646	130,275	904,619	1,286,991	137,484	9,718,228	14,035,477	7
839,288	1,217,993	6,766,219	8,068,109	1,268,168	113,714,600	119,766,821	8
	-	-	-		-	-	9
	1,810	1,250,681	606,759	2,095	14,857,094	7,085,210	10
	5,334	7,007,476	3,532,623	5,726	68,085,309	36,710,688	11
	167	445,942	151,376	197	5,544,678	1,811,220	12
	459	1,420,434	336,046	483	18,030,627	4,122,121	13
	532	8,104,093	1,184,312	548	75,328,165	12,382,266	14
	599	1,466,837	659,858	645	14,272,181	6,533,625	15
	8,901	19,695,463	6,470,974	9,694	196,118,054	68,645,130	16
	8,588	14,951,477	4,727,972	9,336	150,566,680	51,471,234	17
	313	4,743,986	1,743,002	358	45,551,374	17,173,896	18
	39	1,109	2,079	39	15,815	22,417	19
	10,212	126,702	200,972	10,551	1,573,595	2,341,653	20
	41,588	1,078,976	1,187,050	44,036	17,608,837	18,376,785	21
	5,131	218,409	173,279	5,801	4,951,160	3,510,610	22
	8,084	237,551	150,198	9,033	5,175,967	2,895,122	23
	21,789	1,676,026	615,456	22,996	21,681,498	8,454,047	24
	17,158	289,910	400,435	17,957	3,365,615	4,236,208	25
	104,001	3,628,683	2,729,469	110,413	54,372,487	39,836,842	26
	2,783	6,524	18,172	2,656	68,130	185,379	27
	239,481	1,844,128	1,943,383	241,587	21,776,447	20,493,649	28
	566,113	10,467,217	8,216,297	591,664	135,624,575	117,415,563	29
	62,653	1,012,222	684,273	69,905	17,941,678	12,158,430	30
	85,314	2,202,075	1,012,353	91,754	34,551,461	15,587,078	31
	226,519	11,896,833	3,046,790	234,623	126,886,826	37,603,384	32
	148,032	2,661,366	2,347,284	156,086	27,356,024	24,805,310	33
	1,330,895	30,090,365	17,268,552	1,388,275	364,205,141	228,248,793	34

TABLE 2. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

Manufactured gas					
October 1963			Year to date 1963		
Customers	Gas sold	Revenue	Gas sold	Revenue	No.
No.	Mcf.	\$	Mcf.	\$	
3,306	9,989	13,946	..	..	1
38	24,304	11,762	..	..	2
747	16,248	18,083	..	..	3
4,091	50,541	43,791	1,236,436	839,653	4

TABLE 3. Exports and Imports of Natural Gas

October 1962					Year to date 1962	No.
Ontario	Manitoba	Alberta	British Columbia	Total	Total	
			Mcf.			
31,296	4,763,379	2,473,217	26,188,311	33,456,203	295,486,313	1
104,570	-	4,775	-	109,345	5,459,594	2





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TABLE 4. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	October 1963			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	4,370	-	1,450	5,820
Quebec .....	407,821	1,705,485	148,491	2,261,797
Ontario .....	2,382,676	7,911,954	1,133,683	11,428,313
Manitoba .....	319,035	604,193	251,708	1,174,936
Saskatchewan .....	466,194	1,679,671	210,016	2,355,881
Alberta .....	1,813,200	8,916,693	1,575,505	12,305,398
British Columbia .....	901,556	1,880,612	308,088	3,090,256
Canada .....	6,294,852	22,698,608	3,628,941	32,622,401

TABLE 5. Exports and Imports of Natural Gas at 1,000 B.T.U.

	October 1963					Year to date 1963
	Ontario	Manitoba	Alberta	British Columbia	Total	Total
	Mcf.					
Exports .....	157,130	5,049,806	2,125,886	23,837,174	31,169,996	308,404,493
Imports .....	62,391	-	4,783	-	67,174	6,723,737

TABLE 6. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	Manufactured gas		Liquefied petroleum gases	
	October 1963	Year to date 1963	October 1963	Year to date 1963
	Gas sold		Gas sold	
	Mcf.			
Totals .....	25,270	618,218	142,389	1,194,363