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GAS UTILITIES
(Transport and Distribution Systems)

DECEMBER 1968

During December field gathering systems and processing plants delivered to gas utilities 149,849,104 Mcf. of natural gas. The transport systems accounted for 114,087,142 Mcf. and the distribution systems 35,761,962 Mcf. Natural gas imported from the U.S.A. was 4,363,397 Mcf. and the volume recovered from storage was 11,569,779 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over December 1967	Revenue \$'000	% of total revenue
Ultimate customers	85,235	51.4	12.5	57,852	80.0
Exports	57,423	34.6	12.3	14,489	20.0
Other uses and adjustments	23,261	14.0	...	...	...
Totals	165,919	100.0	17.1	72,341	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 92.8 billion commodity (Mcf.) miles (2,116 million ton miles) during December compared with 81.8 billion (Mcf.) miles (1,864 million ton miles) last year. The daily average deliveries of gas utilities amounted to 4.7 million Mcf.

Alberta natural gas utilities receipts totalled 121.0 billion cubic feet; of this 19.3 per cent was sold to ultimate customers in Alberta, 17.7 per cent in Ontario, 4.0 per cent in Quebec, 3.3 per cent in Saskatchewan, 1.3 per cent in British Columbia and 4.2 per cent in Manitoba. Exports accounted for 36.2 per cent and the remaining 14.0 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during December compared to the same month for the previous year. Details are contained in the following table.

Sales category	Sales '000 Mcf.	% of total sales	% increase over December 1967	Revenue \$'000	% of sales revenue	Number of customers '000
Residential	29,594	34.7	12.4	29,383	50.8	1,620
Industrial	35,968	42.2	10.8	14,653	25.3	12
Commercial	19,673	23.1	15.8	13,816	23.9	158
Totals	85,235	100.0	12.5	57,852	100.0	1,790

Table 6A and 7A contain the total 1968 Natural Gas sales and revenues by province. The total 1968 Natural Gas sales were 765,786,814 Mcf. up 10.2 per cent from 695,022,860 Mcf. in 1967. The residential sector consumed 5.2 per cent more than the previous year; the commercial sales were 9.3 per cent higher and sales to industrial consumers increased by 13.2 per cent.

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

April 1969
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1968

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	<u>By transport systems</u>			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	<u>By distribution systems</u>			
2a	Fields	9,581	15,138	1,187,263
2b	Processing plants	-	-	-
3	Total (1 + 2)	9,581	15,138	1,187,263
4	Imports	-	-	4,345,770
5	Other receipts(1)	-	-	329
6	Total net receipts (3 + 4 + 5)	9,581	15,138	5,533,362
7	Received from storage	-	-	9,615,093
9	Total supply of gas utilities (6 + 7)	9,581	15,138	15,148,455
	<u>Transfers from</u>			
11	Other provinces	-	5,190,039	33,962,414
12	Distribution to transport (primary)	-	-	663,082
13	Other gas utilities	-	4,734,510	37,984,977
19	Total gross receipts (9 + 11 + 12 + 13) ...	9,581	9,939,687	87,758,928
	<u>Disposition</u>			
	<u>Sales</u>			
20	Residential	3,733	2,004,465	12,051,008
21	Industrial	-	2,141,816	15,070,418
22	Commercial	2,666	720,362	8,222,096
30	Total sales (20 + 21 + 22)	6,399	4,866,643	35,343,522
31	Exports	-	199,012	513,727
32	Other deliveries	-	-	3,095
33	Total net deliveries (30 + 31 + 32)	6,399	5,065,655	35,860,344
34	Delivered to storage	-	-	603,235
35	Line pack fluctuation	-	12,680	63,760
36	Gas used in system	-	20,539	2,117,948
37	Line losses and unaccounted for	3,182	106,303	5,275,543
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	9,581	5,205,177	43,920,830
	<u>Transfers to</u>			
40	Other provinces	-	-	5,190,039
41	Distribution by transport (primary)	-	4,723,551	29,424,319
42	Other gas utilities	-	10,959	9,223,740
49	Total disposition (39 + 40 + 41 + 42)	9,581	9,939,687	87,758,928

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1968

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	December ^c 1967		No.
					Canada		
Mcf.							
-	-	10,043,253	439,933	10,483,186	8,250,330		1a
-	-	80,864,331	22,739,625	103,603,956	88,940,595		1b
-	3,080,777	16,070,632	-	20,363,391	14,261,257		2a
-	2,091,688	13,157,373	149,510	15,398,571	14,531,838		2b
-	5,172,465	120,135,589	23,329,068	149,849,104	125,984,020		3
-	-	17,627	-	4,363,397	9,394,094		4
87,769	-	4,788	43,774	136,660	14,620		5
87,769	5,172,465	120,158,004	23,372,842	154,349,161	135,392,734		6
-	1,146,088	808,598	-	11,569,779	6,305,105		7
87,769	6,318,553	120,966,602	23,372,842	165,918,940	141,697,839		9
34,489,580	57,849,227	-	30,328,235	...	...		11
-	3,793,517	1,622,769	-	6,079,368	4,803,705		12
6,262,325	4,328,794	8,092,771	9,434,976	70,838,353	61,935,157		13
58,839,674	72,290,091	130,682,142	63,136,053	242,836,661	208,436,701		19
2,379,093	2,542,712	6,723,638	3,889,329	29,593,978	26,324,808		20
1,135,291	4,237,363	10,722,137	2,660,706	35,967,731	32,467,607		21
1,525,454	1,480,397	5,937,845	1,784,034	19,672,854	16,982,781		22
5,039,838	8,260,472	23,383,620	8,334,069	85,234,563	75,775,196		30
11,238,369	-	3,435,005	42,036,634	57,422,747	51,121,411		31
-	15,116	1,957,279	-	1,975,490	108,387		32
16,278,207	8,275,588	28,775,904	50,370,703	144,632,800	127,004,994		33
-	6,685	-	-	609,920	480,936		34
382,493	218,960	22,342	27,213	727,448	18,026		35
502,389	1,094,329	842,198	2,116,913	6,694,316	6,104,590		36
1,451,846	2,082,638	3,148,696	1,186,248	13,254,456	8,089,293		37
18,614,935	11,678,200	32,789,140	53,701,077	165,918,940	141,697,839		39
33,962,414	52,489,580	88,177,462	-	...	...		40
6,262,325	4,328,794	342,273	9,212,054	54,293,316	46,265,134		41
-	3,793,517	9,373,267	222,922	22,624,405	20,473,728		42
58,839,674	72,290,091	130,682,142	63,136,053	242,836,661	208,436,701		49

... Figures not appropriate or not applicable.

^c Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities 1958

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields	8,488,859	7,473,927	6,497,664	6,786,420	4,941,927
1b	Processing plants	90,952,070	87,505,605	87,892,790	78,847,295	77,965,932
2	<u>By distribution systems</u>					
2a	Fields	15,919,170	14,240,778	12,299,703	12,295,629	11,379,895
2b	Processing plants	15,001,003	14,603,637	14,235,623	11,085,214	9,897,117
3	Total (1 + 2)	130,361,102	123,823,947	120,925,780	109,014,558	104,184,871
4	Imports	6,173,198	6,574,121	9,137,564	8,023,099	7,772,695
5	Other receipts(1)	76,688	103,056	59,198	50,491	9,813
6	Total net receipts (3 + 4 + 5)	136,610,988	130,501,124	130,122,542	117,088,148	111,967,379
7	Received from storage	15,026,932	12,593,881	4,996,699	1,699,586	463,232
9	Total supply of gas utilities (6 + 7)	151,637,920	143,095,005	135,119,241	118,787,734	112,430,611
	<u>Transfers from</u>					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	8,795,580	8,311,240	4,811,010	7,876,540	4,714,824
13	Other gas utilities	58,989,428	55,926,797	57,214,827	46,414,522	46,497,993
19	Total gross receipts (9 + 11 + 12 + 13) ...	219,422,928	207,333,042	197,145,078	173,078,796	163,643,088
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential	36,331,980	32,452,548	27,842,494	19,197,119	13,524,418
21	Industrial	32,916,942	33,059,807	33,774,234	33,105,949	34,944,543
22	Commercial	22,129,218	19,574,100	16,879,171	13,013,115	9,601,219
30	Total sales (20 + 21 + 22)	91,378,140	85,086,455	78,495,899	65,316,183	58,070,180
31	Exports	52,092,912	49,270,614	52,521,009	48,402,731	47,994,970
32	Other deliveries	123,294	1,074,591	1,186,419	258,805	48,811
33	Total net deliveries (30 + 31 + 32)	143,594,346	135,431,660	132,203,327	113,977,719	106,113,961
34	Delivered to storage	176,929	175,363	2,651,498	5,296,028	5,383,128
35	Line pack fluctuation	547,540	- 57,692	738,663	- 226,267	- 96,726
36	Gas used in system	6,386,066	5,834,189	4,760,483	4,958,274	4,878,126
37	Line losses and unaccounted for	933,039	1,711,485	- 5,234,730	- 5,218,020	- 3,847,878
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	151,637,920	143,095,005	135,119,241	118,787,734	112,430,611
	<u>Transfers to</u>					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	45,820,006	43,350,902	44,897,540	41,092,001	39,307,349
42	Other gas utilities	21,965,002	20,887,135	17,128,297	13,199,061	11,905,128
49	Total disposition (39 + 40 + 41 + 42)	219,422,928	207,333,042	197,145,078	173,078,796	163,643,088

(1) Includes peak shaving and enrichment.
 † Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities 1968^c

June	July	August	September	October	November	December	Year to date		No.
							1968	1967	
Mcf.									
6,769,820 71,662,078	6,083,905 71,911,711	6,669,045 76,329,487	6,292,088 74,543,700	8,101,786 87,811,361	9,376,100 96,877,567	10,483,186 103,603,956	87,964,727 1,005,903,552	78,745,970 871,907,631	1a 1b
9,053,119 9,316,363	8,175,950 9,348,161	8,374,756 9,645,021	10,698,681 9,085,450	13,848,985 11,052,939	15,558,141 11,367,313	20,363,391 15,398,571	152,208,198 140,036,412	116,407,241 149,997,323	2a 2b
96,801,380	95,519,727	101,018,309	100,619,919	120,815,071	133,179,121	149,849,104	1,386,112,889	1,217,058,165	3
8,065,550 1,891	9,174,890 3,211	7,088,369 3,101	5,655,136 3,219	3,824,415 4,343	5,701,642 39,134	4,363,397 136,660	81,554,076 490,805	70,462,852 68,882	4 5
104,868,821	104,697,828	108,109,779	106,278,274	124,643,829	138,919,897	154,349,161	1,468,157,770	1,287,589,899	6
36,050	22,221	52,223	231,469	4,637,911	4,397,404	11,569,779	55,727,387	47,767,513	7
104,904,871	104,720,049	108,162,002	106,509,743	129,281,740	143,317,301	165,918,940	1,523,885,157	1,335,357,412	9
...	...	...	...	...	...	...	...	...	11
6,945,068	6,187,058	3,634,794	3,356,521	3,555,542	5,226,832	6,079,368	69,494,037	54,065,622	12
41,108,519	44,837,920	51,630,444	44,054,550	49,640,928	61,419,353	70,838,353	628,573,634	585,523,919	13
152,958,458	155,745,027	163,427,240	153,920,814	182,478,210	209,963,486	242,836,661	2,221,952,828	1,974,946,953	19
8,582,922	5,307,919	4,856,899	6,476,550	11,105,188	19,311,914	29,593,978	214,583,929	204,004,720	20
32,184,916	31,182,763	33,110,249	33,790,304	36,849,785	36,322,761	35,967,731	407,209,984	359,331,232	21
6,018,319	4,274,920	4,485,479	5,759,917	8,603,965	13,980,624	19,672,854	143,992,901	131,686,908	22
46,786,157	40,765,602	42,452,627	46,026,771	56,558,938	69,615,299	85,234,563	765,786,814	695,022,860	30
45,997,382	46,405,884	47,424,400	47,328,559	54,227,290	55,356,723	57,422,747	604,445,221	513,231,383	31
28,077	93,347	32,622	39,180	977,893	964,836	1,975,490	6,803,365	1,000,666	32
92,811,616	87,264,833	89,909,649	93,394,510	111,764,121	125,936,858	144,632,800	1,377,035,400	1,209,254,909	33
10,616,304	13,327,279	10,605,703	5,437,900	1,808,289	1,669,334	609,920	57,757,675	52,663,942	34
131,822	- 191,144	346,540	- 184,341	231,629	781,774	727,448	2,749,246	- 362,352	35
4,144,072	4,164,092	4,479,961	4,616,387	5,865,601	5,609,751	6,694,316	62,391,318	55,449,312	36
- 2,798,943	154,989	2,820,149	3,245,287	9,612,100	9,319,584	13,254,456	23,951,518	18,351,601	37
104,904,871	104,720,049	108,162,002	106,509,743	129,281,740	143,317,301	165,918,940	1,523,885,157	1,335,357,412	39
...	...	...	...	...	...	...	...	...	40
35,900,928	36,222,672	36,154,804	33,531,715	39,128,627	49,343,546	54,293,316	499,043,406	448,688,495	41
12,152,659	14,802,306	19,110,434	13,879,356	14,067,843	17,302,639	22,624,405	199,024,265	190,901,046	42
152,958,458	155,745,027	163,427,240	153,920,814	182,478,210	209,963,486	242,836,661	2,221,952,828	1,974,946,953	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source
December 1968

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total	
		Mcf.								
	<u>Receipts</u>									
1	<u>By transport systems</u>									
1a	Fields	-	-	-	-	10,043,253	439,933	-	10,483,186	
1b	Processing plants	-	-	-	-	80,864,331	22,739,625	-	103,603,956	
2	<u>By distribution systems</u>									
2a	Fields	9,581	15,138	1,187,263	3,080,777	16,070,632	-	-	20,363,391	
2b	Processing plants	-	-	-	2,091,688	13,157,373	149,510	-	15,398,571	
3	Total (1 + 2)	9,581	15,138	1,187,263	5,172,465	120,135,589	23,329,068	-	149,849,104	
4	Imports	-	-	-	-	-	-	4,363,397	4,363,397	
5	Other receipts(1)	-	-	329	-	92,557	43,774	-	136,660	
6	Total net receipts (3 + 4 + 5)	9,581	15,138	1,187,592	5,172,465	120,228,146	23,372,842	4,363,397	154,349,161	
7	Received from storage	-	-	9,615,093	1,146,088	808,598	-	-	11,569,779	
9	Total supply of gas utilities (6 + 7)	9,581	15,138	10,802,685	6,318,553	121,036,744	23,372,842	4,363,397	163,918,940	
	<u>Disposition</u>									
	<u>Sales</u>									
23	British Columbia	-	-	-	-	1,579,826	6,754,243	-	8,334,069	
24	Alberta	-	-	-	-	23,365,563	-	18,057	23,383,620	
25	Saskatchewan	-	-	-	4,244,939	4,015,533	-	-	8,260,472	
26	Manitoba	-	-	-	-	5,039,838	-	-	5,039,838	
27	Ontario	-	-	9,613,141	-	21,384,611	-	4,345,770	35,343,522	
28	Quebec	-	15,138	-	-	4,851,505	-	-	4,866,643	
29	New Brunswick	6,399	-	-	-	-	-	-	6,399	
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	6,399	15,138	9,613,141	4,244,939	60,236,876	6,754,243	4,363,827	85,234,563	
31	Exports	-	-	-	-	43,780,088	13,642,659	-	57,422,747	
32	Other deliveries	-	-	-	-	1,975,490	-	-	1,975,490	
33	Total net deliveries (30 + 31 + 32)	6,399	15,138	9,613,141	4,244,939	105,992,454	20,396,902	4,363,827	144,632,800	
34	Delivered to storage	-	-	-	6,685	603,235	-	-	609,920	
35	Line pack fluctuation	-	-	-	11,740	679,640	36,068	-	727,448	
36	Gas used in system	-	-	44,109	263,428	4,537,028	1,849,751	-	6,694,316	
37	Line losses and unaccounted for	3,182	-	1,145,435	1,791,761	9,224,387	1,090,121	- 430	13,254,456	
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	9,581	15,138	10,802,685	6,318,553	121,036,744	23,372,842	4,363,397	165,918,940	

(1) Includes peak shaving and enrichment.
... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

December 1968

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
<u>Daily sendouts (Mcf.)</u>			
December 1968:			
Daily average	3,603,744	2,749,502	4,685,249
Maximum(1)	4,031,053	...	...
Minimum(1)	3,233,165	...	...
Exports maximum(1)	1,946,271	...	...
December 1967:			
Daily average	3,141,501	2,444,530	4,112,478
Maximum(1)	3,514,922	...	...
Minimum(1)	2,899,351	...	...
Year to date 1968:			
Daily average	3,014,996	2,092,473	3,920,361
Maximum(1)	4,108,059	...	...
Minimum(1)	2,098,891	...	...
<u>Commodity miles</u>			
Mcf. miles (thousands)	92,807,146	...	..
Ton-miles (millions)	2,116	...	..
<u>Line pack</u>			
Beginning of month (Mcf.)	8,585,145	..	..
End of month (Mcf.)	8,933,830	..	..
Operating revenues .....	..	57,852,398	..

(1) Non-coincident.
 .. Figures not available.
 ... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

December 1968

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	92,012	127,813
Deliveries to ultimate customers	87,560	109,926
Line pack fluctuations	-	-
Gas used in system	-	1,467
Metering difference, line losses, cyclical billing adjustments and unaccounted for	4,452	16,420
Total disposition	92,012	127,813
Daily average sendout	2,968	4,123
Revenues	43,046	189,079

TABLE 6. Sales of Natural Gas

No.		December 1968			
		Customers		Gas sold	Revenue
		Space heating	Total		
	No.		Mcf.	\$	
	<u>Residential</u>				
1	New Brunswick	130	1,811	3,733	12,134
2	Quebec	109,241	202,648	2,004,465	2,971,415
3	Ontario	570,625	706,589	12,051,008	14,437,137
4	Manitoba	104,826	107,215	2,379,093	1,971,243
5	Saskatchewan	116,401	121,212	2,542,712	1,810,536
6	Alberta	259,534	262,730	6,723,638	3,352,286
7	British Columbia	178,834	196,992	3,889,329	4,828,056
8	Canada	1,339,591	1,599,197	29,593,978	29,382,807
	<u>Industrial</u>				
9	New Brunswick	-	-	-	-
10	Quebec	2,265	7,828	2,141,816	1,437,410
11	Ontario	7,828	295	15,070,418	8,868,463
12	Manitoba	295	611	1,135,291	337,627
13	Saskatchewan	611	529	4,237,363	1,103,682
14	Alberta	529	283	10,722,137	1,951,700
15	British Columbia	283	11,811	2,660,706	954,591
16	Canada			35,967,731	14,653,473
17	Firm		11,187	26,188,957	11,206,400
18	Interruptible		624	9,778,774	3,447,073
	<u>Commercial</u>				
19	New Brunswick	60	10,398	2,666	5,407
20	Quebec	10,398	64,077	720,362	832,308
21	Ontario	64,077	9,560	8,222,096	7,247,225
22	Manitoba	9,560	16,659	1,525,454	1,065,375
23	Saskatchewan	16,659	29,970	1,480,397	805,057
24	Alberta	29,970	25,278	5,937,845	2,198,352
25	British Columbia	25,278	156,002	1,784,034	1,662,494
26	Canada			19,672,854	13,816,118
	<u>Total sales</u>				
27	New Brunswick		1,871	6,399	17,441
28	Quebec		215,311	4,866,643	5,241,133
29	Ontario		778,494	35,343,522	30,552,825
30	Manitoba		117,070	5,039,838	3,374,245
31	Saskatchewan		138,482	8,260,472	3,719,275
32	Alberta		293,229	23,383,620	7,502,338
33	British Columbia		222,553	8,334,069	7,445,141
34	Canada		1,767,010	85,234,563	57,852,398

... Figures not appropriate or not applicable.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		December 1968		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
	No.	Mcf.	\$	
1	Residential	11,536	58,769	117,734
2	Industrial	9	365	734
3	Commercial	2,270	50,792	70,611
4	Total	13,815	109,926	189,079

TABLE 6. Sales of Natural Gas

December 1968			December 1967			No.
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
2.06	3.25	131	1,915	3,611	12,026	1
8.97	1.48	91,736	203,597	1,113,342	1,763,011	2
17.05	1.20	533,675	663,959	11,485,592	13,784,405	3
22.19	0.83	99,121	100,692	2,152,542	1,531,426	4
20.98	0.71	109,986	114,530	2,382,238	1,686,714	5
25.59	0.50	243,919	249,629	6,022,371	3,016,024	6
19.74	1.24	167,630	187,497	3,165,112	4,623,015	7
18.27	0.99	1,246,198	1,521,819	26,324,808	26,416,621	8
-	-	-	-	-	-	9
863	0.67		2,235	1,962,944	1,572,293	10
1,925	0.59		7,185	12,349,580	7,470,112	11
3,848	0.30		288	1,179,096	341,891	12
6,935	0.26		583	3,727,011	939,675	13
20,268	0.18		523	9,978,755	1,851,177	14
9,402	0.36		261	3,270,221	1,402,579	15
2,991	0.41		11,075	32,467,607	13,577,727	16
2,415	0.43		10,554	26,892,090	11,377,382	17
8,156	0.35		521	5,575,517	2,200,345	18
44.4	1.99		60	2,218	4,580	19
60.2	1.16		10,133	561,888	605,284	20
128.3	0.88		58,645	6,730,898	6,035,615	21
159.6	0.70		9,151	1,544,298	1,093,031	22
88.9	0.54		15,401	1,335,504	719,844	23
198.1	0.37		28,002	5,236,202	2,071,063	24
70.6	0.93		24,257	1,571,773	1,801,166	25
124.9	0.70		145,649	16,982,781	12,330,583	26
3.4	2.72		1,975	5,829	16,606	27
20.5	1.08		215,965	3,638,174	3,940,588	28
45.3	0.86		729,789	30,566,070	27,290,132	29
43.0	0.67		110,131	4,875,936	2,966,348	30
59.7	0.45		130,514	7,444,753	3,346,233	31
79.7	0.32		278,154	21,237,328	6,938,264	32
37.4	0.89		212,015	8,007,106	7,826,760	33
47.6	0.68		1,678,543	75,775,196	52,324,931	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

December 1968				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
1,608	6,671	8,122	1	
18	71,025	23,619	2	
475	9,864	11,305	3	
2,101	87,560	43,046	4	

TABLE 6A. Sales of Natural Gas, 1968^F

	Gas sold	Revenue
	Mcf.	\$
<u>Residential</u>		
New Brunswick	40,491	137,537
Quebec	11,397,497	20,852,510
Ontario	91,587,533	111,781,532
Manitoba	17,735,633	15,861,219
Saskatchewan	20,889,858	15,930,381
Alberta	49,960,154	27,491,933
British Columbia	22,972,763	34,379,171
Canada	214,583,929	226,434,283
<u>Industrial</u>		
New Brunswick	-	-
Quebec	27,282,837	15,046,617
Ontario	158,846,831	89,416,319
Manitoba	15,178,041	4,482,706
Saskatchewan	48,262,934	12,069,606
Alberta	108,061,486	19,912,946
British Columbia	49,577,855	17,984,836
Canada	407,209,984	158,913,030
<u>Commercial</u>		
New Brunswick	23,635	49,306
Quebec	5,481,490	6,799,474
Ontario	57,447,151	52,336,103
Manitoba	12,329,188	8,495,154
Saskatchewan	11,851,895	6,647,813
Alberta	42,914,003	16,479,912
British Columbia	13,945,539	14,612,359
Canada	143,992,901	105,420,121
<u>Total sales</u>		
New Brunswick	64,126	188,843
Quebec	44,161,824	42,698,601
Ontario	307,881,515	253,533,954
Manitoba	45,242,862	28,839,079
Saskatchewan	81,004,687	34,647,800
Alberta	200,935,643	63,884,791
British Columbia	86,496,157	66,976,366
Canada	765,786,814	490,767,434

^F Revised figures.

TABLE 7A. Sales of Liquefied Petroleum Gases and Manufactured Gas, 1968^F

	Liquefied petroleum gases		Manufactured gases	
	Gas sold	Revenue	Gas sold	Revenue
	Mcf.	\$	Mcf.	\$
Residential	613,206	1,268,269	94,947	126,295
Industrial	4,890	9,522	357,641	124,220
Commercial	489,115	686,217	117,268	142,927
Totals	1,107,211	1,964,008	569,856	393,442

^F Revised figures.

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	December 1968			
	Residential	Industrial	Commercial	Total
	Mcf.			
<u>Sales</u>				
New Brunswick	4,480	-	3,199	7,679
Quebec	2,072,154	2,211,898	743,575	5,027,627
Ontario	12,277,810	15,370,229	8,381,822	36,029,861
Manitoba	2,419,634	1,150,594	1,552,271	5,122,499
Saskatchewan	2,556,517	4,260,369	1,488,435	8,305,321
Alberta	7,090,094	11,084,575	6,287,152	24,461,821
British Columbia	4,059,844	2,772,948	1,857,829	8,690,621
Canada	30,480,533	36,850,613	20,314,283	87,645,429

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	December 1968						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports	204,385	524,002	11,541,805	3,472,789	43,907,626	59,650,607	612,405,343
Imports	-	4,388,519	-	17,627	-	4,406,146	82,495,003

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	December 1968	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals	85,798	43,149



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TABLE 11. Exports and Imports to and from the United States

December 1968

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg	199,012	-
Ontario - Cornwall	513,727	-
Niagara Falls	-	2,733,266
Ojibway	-	1,612,504
Total Ontario	513,727	4,345,770
Manitoba - Emerson	11,238,369	-
Alberta - Aden	1,812,140	-
Carway	1,622,795	-
Coutts	70	17,627
Total Alberta	3,435,005	17,627
British Columbia - Kingsgate - U.S.A. District V South(1)	22,388,652	-
Other U.S.A.	4,552,390	-
Huntingdon	15,095,592	-
Total British Columbia	42,036,634	-
Canada - December 1968	57,422,747	4,363,397
1967	51,121,411	9,394,094
Year to date - 1968(2)	604,445,221	81,554,076
1967(2)	513,231,383	70,462,852
Value - December 1968	14,489,304	2,008,224
1967	13,068,895	1,314,218

(1) California, Nevada, Arizona.

(2) Twelve months total.