

CATALOGUE No.

55-002

MONTHLY

del

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce



Vol. 10, No. 9

GAS UTILITIES
(Transport and Distribution Systems)

SEPTEMBER 1968

During September field gathering systems and processing plants delivered to gas utilities 103,166,021 Mcf. of natural gas. The transport systems accounted for 83,381,890 Mcf. and the distribution systems 19,784,131 Mcf. Natural gas imported from the U.S.A. was 5,655,136 Mcf. and the volume recovered from storage was 231,469 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over September 1967	Revenue \$'000	% of total revenue
Ultimate customers	46,026	42.2	23.4	24,840	67.0
Exports	47,329	43.4	22.1	12,227	33.0
Other uses and adjustments	15,701	14.4	- 10.2	...	...
Totals	109,056	100.0	16.6	37,067	100.0

... Figures not appropriate or applicable

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 69.8 billion commodity (Mcf.) miles (1,591 million ton miles) during September compared with 65.7 billion (Mcf.) miles (1,499 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.3 million Mcf.

Alberta natural gas utilities receipts totalled 81.8 billion cubic feet; of this 15.0 per cent was sold to ultimate customers in Alberta, 13.2 per cent in Ontario, 4.1 per cent in Quebec, 2.9 per cent in Saskatchewan, 1.1 per cent in British Columbia and 2.5 per cent in Manitoba. Exports accounted for 44.7 per cent and the remaining 16.5 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 September 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 September 1967	Revenue \$'000	% of sales revenue	Number of customers '000
Residential	6,477	14.1	35.9	8,261	33.2	1,553
Industrial	33,790	73.4	20.2	12,217	49.2	12
Commercial	5,760	12.5	30.1	4,362	17.6	149
Totals	46,027	100.0	23.4	24,840	100.0	1,714

All gas volumes in Tables 1-7 and Table 11 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 approximation; 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.

January 1969
5503-309

Manufacturing and Primary Industries Division

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

September 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	7,410	8,829	936,993
2b	Processing plants	-	-	-
3	Total (1 + 2)	7,410	8,829	936,993
4	Imports	-	-	5,650,409
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	7,410	8,829	6,587,402
7	Received from storage	-	-	152,758
9	Total supply of gas utilities (6 + 7)	7,410	8,829	6,740,160
	<u>Transfers from</u>			
11	Other provinces	-	3,508,977	21,152,278
12	Distribution to transport (primary)	-	3,022,974	-
13	Other gas utilities	-	7,192	25,275,646
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,410	6,547,972	53,168,084
	<u>Disposition</u>			
	<u>Sales</u>			
20	Residential	2,465	388,627	2,039,065
21	Industrial	-	2,758,664	12,733,306
22	Commercial	1,305	233,832	2,517,049
30	Total sales (20 + 21 + 22)	3,770	3,381,123	17,289,420
31	Exports	-	89,780	749,551
32	Other deliveries	-	-	50
33	Total net deliveries (30 + 31 + 32)	3,770	3,470,903	18,039,021
34	Delivered to storage	-	-	4,034,487
35	Line pack fluctuation	-	- 10,064	- 35,490
36	Gas used in system	-	5,385	1,952,862
37	Line losses and unaccounted for	3,640	51,582	392,581
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,410	3,517,806	24,383,461
	<u>Transfers to</u>			
40	Other provinces	-	-	3,508,977
41	Distribution by transport (primary)	-	3,022,974	19,857,199
42	Other gas utilities	-	7,192	5,418,447
49	Total disposition (39 + 40 + 41 + 42)	7,410	6,547,972	53,168,084

(1) Includes peak shaving and enrichment.

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

September 1968

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	September 1967		No.
					Canada		
Mcf.							
-	-	6,073,045	219,043	6,292,088	5,115,653	1a	
-	-	60,048,015	17,041,787	77,089,802	65,385,678	1b	
-	1,669,555	8,075,894	-	10,698,681	5,648,778	2a	
-	1,490,686	7,549,325	45,439	9,085,450	10,936,179	2b	
-	3,160,241	81,746,279	17,306,269	103,166,021	87,086,288	3	
-	-	4,727	-	5,655,136	6,326,815	4	
2,267	-	854	98	3,219	2,666	5	
2,267	3,160,241	81,751,860	17,306,367	108,824,376	93,415,769	6	
-	18,273	60,438	-	231,469	143,201	7	
2,267	3,178,514	81,812,298	17,306,367	109,055,845	93,558,970	9	
32,892,441	36,110,180	-	25,079,231	...	...	11
-	1,710,090	1,646,431	-	6,379,495	3,401,410	12	
2,241,226	2,031,577	5,037,883	6,438,052	41,031,576	41,713,749	13	
35,135,934	43,030,361	88,496,612	48,823,650	156,466,916	138,674,129	19	
458,512	679,681	1,920,128	988,072	6,476,550	4,763,510	20	
1,268,891	3,938,026	8,580,532	4,510,885	33,790,304	28,114,242	21	
291,235	303,785	1,797,280	615,431	5,759,917	4,428,167	22	
2,018,638	4,921,492	12,297,940	6,114,388	46,026,771	37,305,919	30	
8,979,431	-	2,635,751	34,874,046	47,328,559	38,776,661	31	
-	-	39,130	-	39,180	28,151	32	
10,998,069	4,921,492	14,972,821	40,988,434	93,394,510	76,110,731	33	
-	349,959	1,053,454	-	5,437,900	8,774,280	34	
- 26,618	- 111,409	- 23,690	22,930	- 184,341	108,131	35	
399,992	772,114	561,735	924,299	4,616,387	4,232,519	36	
370,987	464,097	4,058,567	449,935	5,791,389	4,333,309	37	
11,742,430	6,396,253	20,622,887	42,385,598	109,055,845	93,558,970	39	
21,152,278	32,892,441	61,189,411	-	...	...	40
2,241,226	2,031,577	45,652	6,333,087	33,531,715	33,096,637	41	
-	1,710,090	6,638,662	104,965	13,879,356	12,018,522	42	
35,135,934	43,030,361	88,496,612	48,823,650	156,466,916	138,674,129	49	

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

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	92,137,690	87,505,605	90,636,294	81,536,215	80,655,552
2	<u>By distribution systems</u>					
2a	Fields	15,919,170	14,240,778	12,300,564	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)	131,546,722	123,823,947	123,670,145	111,703,478	106,874,491
4	Imports	6,173,198	6,574,121	9,137,563	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)	137,796,608	130,501,124	132,866,906	119,777,068	114,656,999
7	Received from storage	15,026,932	12,593,881	3,669,569	1,699,586	463,232
9	Total supply of gas utilities (6 + 7)	152,823,540	143,095,005	136,536,475	121,476,654	115,120,231
	<u>Transfers from</u>					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	8,795,580	8,311,240	4,811,010	7,876,540	4,714,484
13	Other gas utilities	58,989,428	55,926,797	57,213,966	46,414,522	46,497,993
19	Total gross receipts (9 + 11 + 12 + 13) ...	220,608,548	207,333,042	198,561,451	175,767,716	166,332,708
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential	36,331,980	32,452,548	27,842,494	19,905,413	13,524,418
21	Industrial	32,916,942	33,059,807	33,774,234	32,396,655	34,944,543
22	Commercial	22,129,036	19,574,100	16,879,171	13,013,115	9,601,219
30	Total sales (20 + 21 + 22)	91,377,958	85,086,455	78,495,899	65,315,183	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	1,187,280	258,805	48,811
33	Total net deliveries (30 + 31 + 32)	143,594,164	135,431,660	132,204,188	113,976,719	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	4,762,417	4,958,274	4,878,126
37	Line losses and unaccounted for	2,118,841	1,711,485	- 3,820,291	- 2,528,100	- 1,158,258
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	152,823,540	143,095,005	136,536,475	121,476,654	115,120,231
	<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	17,127,436	13,199,061	11,905,128
49	Total disposition (39 + 40 + 41 + 42)	220,608,548	207,333,042	198,561,451	175,767,716	166,332,708

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

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada 1968

June	July	August	September	October	November	December	Year to date		No.
							1968	1967	
Mcf.									
6,769,820	6,083,905	6,669,045	6,292,088				60,003,655	56,368,351	1a
74,266,361	74,631,376	79,030,897	77,089,802				737,489,792	629,781,402	1b
9,053,119	8,175,950	8,374,756	10,698,681				102,438,542	83,134,034	2a
9,316,363	9,348,161	9,645,021	9,085,450				102,217,589	109,727,984	2b
99,405,663	98,239,392	103,719,719	103,166,021				1,002,149,578	879,011,771	3
8,065,550	9,174,890	7,088,369	5,655,136				67,664,621	44,012,696	4
1,891	3,211	3,101	3,219				310,668	52,481	5
107,473,104	107,417,493	110,811,189	108,824,376				1,070,124,867	923,076,948	6
36,050	22,221	52,223	231,469				33,795,163	32,155,979	7
107,509,154	107,439,714	110,863,412	109,055,845				1,103,920,030	955,232,927	9
...	...	...	...				...	...	11
6,945,068	6,187,058	3,634,794	6,379,495				57,655,269	45,663,905	12
41,108,519	44,897,320	51,630,444	41,031,576				443,710,565	412,801,634	13
155,562,741	158,524,092	166,128,650	156,466,916				1,605,285,864	1,413,698,466	19
8,582,922	5,307,919	4,856,899	6,476,550				155,281,143	149,098,340	20
32,184,916	31,242,163	33,110,249	33,790,304				297,419,813	262,850,600	21
6,018,319	4,274,920	4,485,479	5,759,917				101,735,276	94,681,748	22
46,786,157	40,825,002	42,452,627	46,026,771				554,436,232	506,630,688	30
45,997,382	46,405,884	47,424,400	47,328,559				437,438,461	371,562,005	31
28,077	93,347	32,622	39,180				2,886,007	650,182	32
92,811,616	87,324,233	89,909,649	93,394,510				994,760,700	878,842,875	33
10,616,304	13,327,279	10,605,703	5,437,900				53,670,132	45,504,917	34
131,822	- 191,144	346,540	- 184,341				1,008,395	- 598,910	35
4,144,072	4,164,092	4,479,961	4,616,387				44,223,584	39,506,573	36
- 194,660	2,815,254	5,521,559	5,791,389				10,257,219	- 8,022,528	37
107,509,154	107,439,714	110,863,412	109,055,845				1,103,920,030	955,232,927	39
...	...	...	...				...	...	40
35,900,928	36,222,672	36,154,804	33,531,715				356,277,917	320,886,249	41
12,152,659	14,861,706	19,110,434	13,879,356				145,087,917	137,579,290	42
155,562,741	158,524,092	166,128,650	156,466,916				1,605,285,864	1,413,698,466	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

September 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	-	-	-	-	6,073,045	219,043	-	6,292,088	
1b	Processing plants	-	-	-	-	60,048,015	17,041,787	-	77,089,802	
2	<u>By distribution systems</u>									
2a	Fields	7,410	8,829	936,993	1,669,555	8,075,894	-	-	10,698,681	
2b	Processing plants	-	-	-	1,490,686	7,549,325	45,439	-	9,085,450	
3	Total (1 + 2)	7,410	8,829	936,993	3,160,241	81,746,279	17,306,269	-	103,166,021	
4	Imports	-	-	-	-	-	-	5,655,136	5,655,136	
5	Other receipts(1)	-	-	-	-	3,121	98	-	3,219	
6	Total net receipts (3 + 4 + 5)	7,410	8,829	936,993	3,160,241	81,749,400	17,306,367	5,655,136	108,824,376	
7	Received from storage	-	-	152,758	18,273	60,438	-	-	231,469	
9	Total supply of gas utilities (6 + 7)	7,410	8,829	1,089,751	3,178,514	81,809,838	17,306,367	5,655,136	109,055,845	
	<u>Disposition</u>									
	<u>Sales</u>									
23	British Columbia	-	-	-	-	903,207	5,211,181	-	6,114,388	
24	Alberta	-	-	-	-	12,293,160	-	4,780	12,297,940	
25	Saskatchewan	-	-	-	2,547,989	2,373,503	-	-	4,921,492	
26	Manitoba	-	-	-	-	2,018,638	-	-	2,018,638	
27	Ontario	-	-	878,841	-	10,760,170	-	5,650,409	17,289,420	
28	Quebec	-	8,829	-	-	3,372,294	-	-	3,381,123	
29	New Brunswick	3,770	-	-	-	-	-	-	3,770	
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	3,770	8,829	878,841	2,547,989	31,720,972	5,211,181	5,655,189	46,026,771	
31	Exports	-	-	-	-	36,534,383	10,794,176	-	47,328,559	
32	Other deliveries	-	-	-	-	39,180	-	-	39,180	
33	Total net deliveries (30 + 31 + 32)	3,770	8,829	878,841	-	68,294,535	16,005,357	5,655,189	93,394,510	
34	Delivered to storage	-	-	-	349,959	5,087,941	-	-	5,437,900	
35	Line pack fluctuation	-	-	-	3,934	212,365	24,090	-	184,341	
36	Gas used in system	-	-	170,682	108,765	3,463,873	873,067	-	4,616,387	
37	Line losses and unaccounted for	3,640	-	40,228	167,867	5,175,854	403,853	- 53	5,791,389	
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,410	8,829	1,089,751	3,178,514	81,809,838	17,306,367	5,655,136	109,055,845	

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

TABLE 4. Operating Statistics: Natural Gas Utilities

September 1968

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
<u>Daily sendouts (Mcf.)</u>			
September 1968			
Daily average	2,695,342	1,534,226	3,294,414
Maximum(1)	3,065,973	...	...
Minimum(1)	2,375,874	...	...
Exports maximum(1)	1,712,793	...	...
September 1967			
Daily average	2,318,493	...	...
Maximum(1)	2,788,223	...	...
Minimum(1)	2,073,479	...	...
Year to date 1968			
Daily average	2,897,884	...	...
Maximum(1)	3,222,028	...	...
Minimum(1)	2,619,436	...	...
<u>Commodity miles</u>			
Mcf. miles (thousands)	69,799,953	..	..
Ton-miles (millions)	1,591	..	..
<u>Line pack</u>			
Beginning of month (Mcf.)	8,359,522	..	..
End of month (Mcf.)	8,176,628	..	..
Operating revenues	(\$)	24,839,878	..

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

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

September 1968

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	52,507	69,655
Deliveries to ultimate customers	51,085	62,277
Line pack fluctuations	-	1,296
Gas used in system	-	221
Metering difference, line losses, cyclical billing adjustments and unaccounted for	1,422	5,861
Total disposition	52,507	69,655
Daily average sendout	1,747	2,322
Revenues	(\$)	118,525

TABLE 6. Sales of Natural Gas

No.		September 1968			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	<u>Residential</u>				
1	New Brunswick	130	1,824	2,465	8,890
2	Quebec	94,465	199,378	388,627	996,511
3	Ontario	547,400	680,204	2,039,065	3,013,178
4	Manitoba	101,966	104,401	458,512	511,766
5	Saskatchewan	113,398	118,927	679,681	718,011
6	Alberta	253,305	255,807	1,920,128	1,360,492
7	British Columbia	173,378	192,252	988,072	1,652,040
8	Canada	1,284,042	1,552,793	6,476,550	8,260,888
	<u>Industrial</u>				
9	New Brunswick	-	-	-	-
10	Quebec		2,262	2,758,664	1,235,340
11	Ontario		7,405	12,733,306	6,766,904
12	Manitoba		292	1,268,891	369,798
13	Saskatchewan		598	3,938,026	931,497
14	Alberta		846	8,580,532	1,551,597
15	British Columbia		321	4,510,885	1,361,825
16	Canada		11,724	33,790,304	12,216,961
17	Firm		11,148	26,362,816	9,389,949
18	Interruptible		576	7,427,488	2,827,012
	<u>Commercial</u>				
19	New Brunswick		60	1,305	2,938
20	Quebec		10,193	233,832	287,661
21	Ontario		60,284	2,517,049	2,304,516
22	Manitoba		9,266	291,235	233,571
23	Saskatchewan		15,965	303,785	213,641
24	Alberta		28,809	1,797,280	737,406
25	British Columbia		24,532	615,431	582,296
26	Canada		149,109	5,759,917	4,362,029
	<u>Total sales</u>				
27	New Brunswick		1,884	3,770	11,828
28	Quebec		211,833	3,381,123	2,519,512
29	Ontario		747,893	17,289,420	12,084,598
30	Manitoba		113,959	2,018,638	1,115,135
31	Saskatchewan		135,490	4,921,492	1,863,149
32	Alberta		285,462	12,297,940	3,649,495
33	British Columbia		217,105	6,114,388	3,596,161
34	Canada		1,713,626	46,026,771	24,839,878

... Figures not appropriate or not applicable.

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

No.		September 1968		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Residential	13,093	31,662	74,530
2	Industrial	7	406	820
3	Commercial	2,497	30,209	43,173
4	Total	15,597	62,277	118,523

TABLE 6. Sales of Natural Gas

September 1968			September 1967			No.
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.35	3.60	130	1,923	2,491	9,114	1
1.95	2.56	87,772	201,859	302,603	847,851	2
3.00	1.47	507,933	656,073	2,052,018	2,948,876	3
4.39	1.11	95,901	98,459	318,848	381,805	4
5.72	1.05	105,080	109,419	357,138	460,307	5
7.50	0.70	241,134	243,770	1,114,276	1,004,842	6
5.13	1.67	160,751	180,800	616,136	769,655	7
4.17	1.28	1,198,701	1,492,303	4,763,510	6,422,450	8
-	-	-	-	-	-	9
1,220	0.45		2,237	2,097,147	1,007,247	10
1,720	0.53		7,152	10,579,548	5,636,724	11
4,346	0.29		287	818,484	242,743	12
6,585	0.24		579	2,591,173	669,380	13
10,142	0.18		726	8,233,478	1,551,500	14
14,052	0.30		295	3,794,412	1,589,134	15
2,882	0.36		11,276	28,114,242	10,696,728	16
...	...		10,894	23,517,964	8,938,939	17
...	...		382	4,596,278	1,757,789	18
21.7	2.25		60	1,264	2,933	19
22.9	1.23		10,086	249,359	292,019	20
41.8	0.92		56,574	2,228,792	2,125,639	21
31.4	0.80		8,719	200,321	160,757	22
19.0	0.70		14,390	182,849	144,460	23
62.4	0.41		26,989	1,130,510	575,758	24
25.1	0.95		23,388	435,072	510,441	25
38.6	0.76		140,206	4,428,167	3,812,007	26
2.0	3.14		1,983	3,755	12,047	27
16.0	0.75		214,182	2,649,109	2,147,117	28
23.1	0.70		719,799	14,860,358	10,711,239	29
17.7	0.55		107,465	1,337,653	785,305	30
36.3	0.38		124,388	3,131,160	1,274,147	31
43.0	0.30		271,485	10,478,264	3,132,100	32
28.2	0.59		204,483	4,845,620	2,869,230	33
26.9	0.53		1,643,785	37,305,919	20,931,185	34

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

September 1968				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
1,634	6,573	10,635	1	
19	33,985	11,955	2	
474	10,527	12,128	3	
2,127	51,085	34,718	4	

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

	September 1968			
	Residential	Industrial	Commercial	Total
	Mcf.			
<u>Sales</u>				
New Brunswick	2,974	-	1,574	4,548
Quebec	394,653	2,795,046	237,237	3,426,936
Ontario	2,058,250	12,860,307	2,540,394	17,458,951
Manitoba	462,749	1,277,926	294,246	2,034,921
Saskatchewan	683,368	3,959,407	305,437	4,948,212
Alberta	1,971,789	9,097,885	1,940,431	13,010,105
British Columbia	1,042,144	4,719,754	620,261	6,382,159
Canada	6,615,927	34,710,325	5,939,580	47,265,832

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

	September 1968						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports	90,768	757,796	9,078,205	2,711,467	36,774,928	49,413,164	441,620,079
Imports	-	5,720,259	-	4,727	-	5,724,986	68,481,220

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

	September 1968	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals	64,292	24,836

TABLE 11. Exports and Imports to and from the United States
September 1968

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg	89,780	-
Ontario - Cornwall	294,839	-
Niagara Falls	454,712	4,125,165
Ojibway	-	1,525,244
Total Ontario	749,551	5,650,409
Manitoba - Emerson	8,979,431	-
Alberta - Aden	989,278	-
Carway	1,646,457	-
Coutts	16	4,727
Total Alberta	2,635,751	4,727
British Columbia - Kingsgate - U.S.A. District V South(1)	19,094,080	-
Other U.S.A.	3,956,501	-
Huntingdon	11,823,465	-
Total British Columbia	34,874,046	-
Canada - September 1968	47,328,559	5,655,136
September 1967	38,776,661	6,326,815
Year to date - 1968	437,438,461	67,664,621
1967	371,561,905	44,012,696
Value - September 1968	12,227,205	2,276,042
1967	10,082,827	2,942,241

(1) California, Nevada, Arizona.

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