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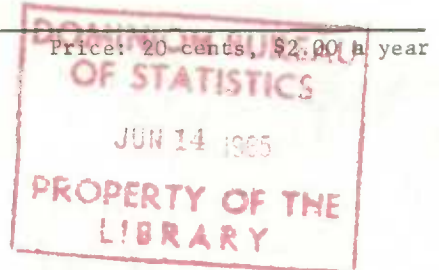
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## DOMINION BUREAU OF STATISTICS

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GAS UTILITIES  
(Transport and Distribution Systems)

MARCH 1965

During March 1965 field gathering systems and processing plants delivered to gas utilities 97,846,180 Mcf. of natural gas. The transport systems accounted for 75,265,635 Mcf. and the distribution systems 22,580,545 Mcf. Natural gas recovered from storage was 5,932,988 Mcf. The total supply of gas utilities amounted to 104,076,925 Mcf., 12.5 per cent higher than in March 1964. Of the total supply, 59,687,736 Mcf. were sold to ultimate customers in Canada, an increase of 15.4 per cent. Exports increased 6.9 per cent to 37,040,549 Mcf. from 34,637,621 Mcf. last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. The distribution systems received from the transport systems 40,398,962 Mcf. of natural gas, an increase of 19.7 per cent. For the twelve-month period ended March 1965 exports totalled 394,535,438 Mcf., while net deliveries amounted to 930,704,378 Mcf.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 68.0 billion commodity (Mcf.) miles (1,550 million ton-miles) during March 1965 compared with 58.5 billion (1,334 million ton-miles) last year. The daily average deliveries of gas utilities amounted to 3.1 million Mcf.

Alberta natural gas utility receipts totalled 80.9 billion cubic feet; of this, 21.8 per cent was sold to ultimate customers in Alberta, 21.5 per cent in Ontario, 4.5 per cent in Manitoba, 3.7 per cent in Quebec, 3.6 per cent in Saskatchewan and 1.4 per cent in British Columbia. Exports accounted for 35.9 per cent while the remaining 7.6 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 and delivered to storage is considered as having originated or terminated in the province where the storage is located.

All gas volumes 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 and exports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

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 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

June 1965  
6511-509

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

March 1965

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	11,634	-	1,439,703
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	11,634	-	1,439,703
4	Imports .....	-	-	193,520
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	11,634	-	1,633,223
7	Received from storage .....	-	-	5,232,554
9	Total supply of gas utilities (6 + 7) .....	11,634	-	6,865,777
	Transfers from:			
11	Other provinces .....	-	3,074,280	22,821,316
12	Distribution to transport (primary) .....	-	-	476,501
13	Other gas utilities .....	-	3,074,280	32,604,548
19	Total gross receipts (9 + 11 + 12 + 13) ...	11,634	6,148,560	62,768,142
	<u>Disposition</u>			
	Sales:			
20	Residential .....	5,971	1,243,823	10,741,810
21	Industrial .....	-	1,409,354	8,816,067
22	Commercial .....	-	315,750	4,634,802
30	Total sales (20 + 21 + 22) .....	5,971	2,968,927	24,192,679
31	Exports .....	-	-	312,403
32	Other deliveries .....	-	-	1,888
33	Total net deliveries (30 + 31 + 32) .....	5,971	2,968,927	24,506,970
34	Delivered to storage .....	-	-	54,458
35	Line pack fluctuation .....	-	- 7,275	- 24,226
36	Gas used in system .....	-	10,993	1,599,914
37	Line losses and unaccounted for .....	5,663	101,635	475,697
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	11,634	3,074,280	26,612,813
	Transfers to:			
40	Other provinces .....	-	-	3,074,280
41	Distribution by transport (primary) .....	-	3,074,280	23,727,806
42	Other gas utilities .....	-	-	9,353,249
49	Total disposition (39 + 40 + 41 + 42) .....	11,634	6,148,560	62,768,142

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

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

March 1965

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	March 1964	No.
					Canada	
Mcf.						
-	69,769	8,978,148	414,264	9,462,181	8,123,028	1a
-	-	53,945,672	11,857,782	65,803,454	57,861,379	1b
-	1,237,866	7,366,006	22,301	10,077,510	10,057,374	2a
-	2,063,777	10,379,006	60,252	12,503,035	12,782,801	2b
-	3,371,412	80,668,832	12,354,599	97,846,180	88,824,582	3
-	-	13,213	-	206,733	11,770 <sup>†</sup>	4
91,024	-	-	-	91,024	9,929	5
91,024	3,371,412	80,682,045	12,354,599	98,143,937	88,846,281	6
-	517,756	182,678	-	5,932,988	3,700,955	7
91,024	3,889,168	80,864,723	12,354,599	104,076,925	92,547,236	9
33,855,808	37,872,543	-	21,031,648	...	...	11
-	899,206	-	-	1,375,707	2,523,361	12
3,921,606	3,146,219	4,118,569	5,268,921	52,134,143	44,137,604	13
37,868,438	45,807,136	84,983,292	38,655,168	157,586,775	139,208,201	19
2,020,725	2,646,719	5,509,499	1,857,300	24,025,847	20,845,693	20
667,653	1,755,078	8,064,516	2,473,561	23,186,229	20,767,171	21
1,385,233	1,368,793	4,083,802	687,280	12,475,660	10,091,415	22
4,073,611	5,770,590	17,657,817	5,018,141	59,687,736	51,704,279	30
6,351,466	-	2,562,848	27,813,832	37,040,549	34,637,621	31
-	-	206,049	-	207,937	390,420	32
10,425,077	5,770,590	20,426,714	32,831,973	96,936,222	86,732,320	33
-	263,662	320,020	-	638,140	665,295	34
- 5,670	32,106	22,275	17,768	34,978	- 80,392	35
756,851	1,588,056	74,836	403,964	4,434,614	2,832,444	36
- 50,742	251,489	1,116,687	132,542	2,032,971	2,397,569	37
11,125,516	7,905,903	21,960,532	33,386,247	104,076,925	92,547,236	39
22,821,316	33,855,808	58,904,191	-	...	...	40
3,921,606	3,146,219	1,386,960	5,142,097	40,398,962	33,754,997	41
-	899,206	2,731,609	126,824	13,110,888	12,905,968	42
37,868,438	45,807,136	84,983,292	38,655,168	157,586,775	139,208,201	49

<sup>†</sup> Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	9,577,944	8,578,328	9,462,181		
1b	Processing plants .....	66,338,411	59,042,664	65,803,454		
2	By distribution systems:					
2a	Fields .....	11,599,671	9,923,069	10,077,510		
2b	Processing plants .....	13,300,645	11,946,834	12,503,035		
3	Total (1 + 2) .....	100,816,671	89,490,895	97,846,180		
4	Imports .....	135,283	315,150	206,733		
5	Other receipts(1) .....	108,455	150,362	91,024		
6	Total net receipts (3 + 4 + 5) .....	101,060,409	89,956,407	98,143,937		
7	Received from storage .....	9,325,261	8,080,872	5,932,988		
9	Total supply of gas utilities (6 + 7) .....	110,385,670	98,037,279	104,076,925		
	Transfers from:					
11	Other provinces .....	...	...	...		
12	Distribution to transport (primary) .....	1,326,126	1,345,539	1,375,707		
13	Other gas utilities .....	56,220,795	48,080,279	52,134,143		
19	Total gross receipts (9 + 11 + 12 + 13) ...	167,932,591	147,463,097	157,586,775		
	<u>Disposition</u>					
	Sales:					
20	Residential .....	29,564,161	27,804,708	24,025,847		
21	Industrial .....	22,496,815	20,489,107	23,186,229		
22	Commercial .....	14,542,607	13,306,364	12,475,660		
30	Total sales (20 + 21 + 22) .....	66,603,583	61,600,179	59,687,736		
31	Exports .....	36,599,820	33,845,506	37,040,549		
32	Other deliveries .....	246,532	212,825	207,937		
33	Total net deliveries (30 + 31 + 32) .....	103,449,935	95,658,510	96,936,222		
34	Delivered to storage .....	493,946	502,380	638,140		
35	Line pack fluctuation .....	43,367	255,996	34,978		
36	Gas used in system .....	4,221,592	3,438,398	4,434,614		
37	Line losses and unaccounted for .....	2,176,830	- 1,818,005	2,032,971		
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	110,385,670	98,037,279	104,076,925		
	Transfers to:					
40	Other provinces .....	...	...	...		
41	Distribution by transport (primary) .....	44,305,816	38,417,169	40,398,962		
42	Other gas utilities .....	13,241,105	11,008,649	13,110,888		
49	Total disposition (39 + 40 + 41 + 42) .....	167,932,591	147,463,097	157,586,775		

(1) Includes peak shaving and enrichment.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

June	July	August	September	October	November	December	Year to date		No.
							1965	1964	
				Mcf.					
							27,618,453	23,741,796	1a
							191,184,529	173,001,893	1b
							31,600,250	26,384,878	2a
							37,750,514	39,799,896	2b
							288,153,746	262,928,463	3
							657,166	34,443 <sup>F</sup>	4
							349,841	93,805	5
							289,160,753	263,056,711	6
							23,339,121	14,495,337	7
							312,499,874	277,552,048	9
							...	...	11
							4,047,372	4,704,770	12
							156,435,217	133,630,345	13
							472,982,463	415,887,163	19
							81,394,716	68,959,842	20
							66,172,151	59,862,531	21
							40,324,631	32,417,195	22
							187,891,498	161,239,568	30
							107,485,875	105,189,866	31
							667,294	843,540	32
							296,044,667	267,272,974	33
							1,634,466	2,008,647	34
							334,341	- 105,683	35
							12,094,604	8,149,768	36
							2,391,796	226,342	37
							312,499,874	277,552,048	39
							...	...	40
							123,121,947	101,597,313	41
							37,360,642	36,737,802	42
							472,982,463	415,887,163	49

... Figures not appropriate or not applicable.

<sup>F</sup> Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

March 1965

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields .....	-	-	69,769	8,978,148	414,264	...	9,462,181
1b	Processing plants .....	-	-	-	53,945,672	11,857,782	...	65,803,454
2	By distribution systems:							
2a	Fields .....	11,634	1,439,703	1,237,866	7,366,006	22,301	...	10,077,510
2b	Processing plants .....	-	-	2,063,777	10,379,006	60,252	...	12,503,035
3	Total (1 + 2) .....	11,634	1,439,703	3,371,412	80,668,832	12,354,599	...	97,846,180
4	Imports .....	...	...	...	...	...	206,733	206,733
5	Other receipts(1) .....	-	-	-	91,024	-	...	91,024
6	Total net receipts (3 + 4 + 5) .....	11,634	1,439,703	3,371,412	80,759,856	12,354,599	206,733	98,143,937
7	Received from storage .....	-	5,232,554	517,756	182,678	-	...	5,932,988
9	Total supply of gas utilities (6 + 7) .....	11,634	6,672,257	3,889,168	80,942,534	12,354,599	206,733	104,076,925
	<u>Disposition</u>							
	Sales:							
23	British Columbia .....	-	-	-	1,171,439	3,846,702	-	5,018,141
24	Alberta .....	-	-	-	17,644,604	-	13,213	17,657,817
25	Saskatchewan .....	-	-	2,861,127	2,909,463	-	-	5,770,590
26	Manitoba .....	-	-	409,901	3,663,710	-	-	4,073,611
27	Ontario .....	-	6,596,489	-	17,402,670	-	193,520	24,192,679
28	Quebec .....	-	-	-	2,968,927	-	-	2,968,927
29	New Brunswick .....	5,971	-	-	-	-	-	5,971
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	5,971	6,596,489	3,271,028	45,760,813	3,846,702	206,733	59,687,736
31	Exports .....	-	-	-	29,035,418	8,005,131	-	37,040,549
32	Other deliveries .....	-	-	-	207,937	-	-	207,937
33	Total net deliveries (30 + 31 + 32) .....	5,971	6,596,489	3,271,028	75,004,168	11,851,833	206,733	96,936,222
34	Delivered to storage .....	-	-	263,662	374,478	-	-	638,140
35	Line pack fluctuation .....	-	-	39,666	- 15,103	10,415	-	34,978
36	Gas used in system .....	-	41,091	82,216	3,986,864	324,443	-	4,434,614
37	Line losses and unaccounted for .....	5,663	34,677	232,596	1,592,127	167,908	-	2,032,971
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	11,634	6,672,257	3,889,168	80,942,534	12,354,599	206,733	104,076,925

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

TABLE 4. Operating Statistics: Natural Gas Utilities

March 1965

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
<b>Daily sendouts (Mcf.):</b>			
March 1965:			
Daily average .....	2,498,049	1,925,411	3,147,560
Maximum(1) .....	2,861,121	...	...
Minimum(1) .....	2,392,264	...	...
Exports maximum(1) .....	1,237,947	...	1,237,947
March 1964:			
Daily average .....	2,206,213	1,667,880	2,819,278
Maximum(1) .....	2,611,773	...	...
Minimum(1) .....	1,914,223	...	...
Year to date 1965:			
Daily average .....	2,562,309	2,087,683	3,307,546
Maximum(1) .....	3,086,555	...	...
Minimum(1) .....	2,094,639	...	...
<b>Commodity miles:</b>			
Mcf. miles (thousands) .....	67,977,477	..	..
Ton-miles (millions) .....	1,550	..	..
<b>Line pack:</b>			
Beginning of month (Mcf.) .....	7,617,779	..	..
End of month (Mcf.) .....	7,624,775	..	..
Operating revenues .....	..	(\$)41,689,984	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

March 1965

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	66,808	122,984
Deliveries to ultimate customers .....	71,799	96,301
Line pack fluctuations .....	-	1,780
Gas used in system .....	- 1,780	1,232
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 3,211	23,671
Total disposition .....	66,808	122,984
Daily average sendout .....	2,316	3,107
Revenues .....	(\$)47,718	(\$)184,848



TABLE 6. Exports and Imports to and from the United States  
March 1965

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario .....	312,403	-
Niagara Falls .....	-	-
Ojibway, Ontario .....	-	193,520
Emerson, Manitoba .....	6,351,466	-
Coutts, Alberta .....	192	13,213
Aden, Alberta .....	1,712,260	-
Carway, Alberta .....	850,396	-
Kingsgate, British Columbia - U.S.A. District V South(1)	14,130,609	-
Other U.S.A. ....	4,241,416	-
Huntingdon, British Columbia .....	9,441,807	-
Canada - 1965 .....	37,040,549	206,733
1964 .....	34,637,621	11,770 <sup>r</sup>

(1) California, Nevada, Arizona.  
<sup>r</sup> Revised figures.