



Historical File Copy  
**DOMINION BUREAU OF STATISTICS**  
 OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

Vol. 3 No. 5

Price: \$2.00 per year

**GAS PIPE LINE TRANSPORT**

**MAY, 1961**

Gas pipe line transport companies increased their total net deliveries of natural gas 48.5 per cent to 31,270,956 Mcf., an average of 1,008,741 Mcf. per day. Exports increased 67.1 per cent to 14,459,312 Mcf. from 8,652,816 Mcf. in May, 1960. The net deliveries for the twelve month period ending May 31, 1961 were 344,168,206 Mcf.

Alberta continued to maintain the highest provincial receipts, 71.1 per cent, while the greater share of deliveries, 32.2 per cent, was made in British Columbia.

Total Mcf. miles (not including Ontario Natural Gas Storage and Pipelines Ltd., calculations of which are not available due to the complexity of their operations) amounted to 33.7 billion or 769 million ton miles.

Total pipeline fuel amounted to 729,260 Mcf. during May while the line pack decreased by 488,650 Mcf.

Peak day deliveries, uncompensated(1), amounted to 1,329,518 Mcf. while minimum deliveries of 871,207 were some 34 per cent less.

Duplications in the statistics have occurred as a result of gas being obtained by pipe line transport companies from certain distribution companies, which had in turn originally received the gas from a pipeline transport company. These items are shown separately as "Transfers from Canadian transmission systems" and "Returned to transmission systems by distribution systems for re-delivery".

Gas volumes used in this report are given at a common base so that one cubic foot of gas contains 1,000 British thermal units at 14.73 pounds per square inch absolute and at 60°F. One Mcf. equals 1,000 cubic feet.

The gas pipe line transport industry is defined as that industry which is engaged in the transportation of natural gas, by pipe line, from natural gas fields or processing plants to local distribution systems. Companies included in this industry obtain the bulk of their revenue from the sale of gas to distribution companies for resale. Those companies that derive most of their revenue from the sale of gas to final consumers are classified as being in the Gas Distribution Industry.

Monthly reports of "Sales of Manufactured and Natural Gas" include summary data of receipts and deliveries of natural gas by transmission and distribution systems combined.

- (1) Sum of deliveries on peak day for each of responding companies regardless of date of peak day delivery.

Prepared in the Public Utilities Section  
 Public Finance and Transportation Division

8506-503-51

TABLE 1. Natural Gas Transmission by Company

May, 1961

Mcf.

No.		Total May 1960	Total May 1961	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.
	<u>Natural gas received into transmission systems</u>					
1	From own gathering system or processing plants .....	8,557,755	10,190,148	-	-	-
2	From other gathering systems or processing plants .....	13,657,983	21,211,882	17,404,261	1,358,230	404,591
3	From foreign transmission lines .....	824,945	772,582	-	-	-
4	Total net receipts .....	23,040,683	32,174,612	...	...	...
5	From storage .....	-	1,019,486	-	-	-
6	Transfers from Canadian trans- mission systems .....	11,054,915	19,313,804	-	-	-
7	Returned to transmission systems by distribution systems for re-delivery.	1,374,136	1,385,343	-	-	-
8	Total gross receipts .....	35,469,734	53,893,245	17,404,261	1,358,230	404,591
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems .....	12,398,198	16,806,394	44,883	-	404,635
10	To foreign transmission lines .....	8,652,816	14,459,312	-	1,351,802	-
11	To industrial consumers .....	617	5,167	5,167	-	-
12	To others .....	77	83	-	83	-
13	Total net deliveries .....	21,051,708	31,270,956	...	...	...
14	To storage .....	2,783,535	2,736,603	-	-	-
15	Transfers to Canadian trans- mission systems .....	11,054,915	19,313,804	17,290,012	-	-
16	Re-delivered to distribution systems .....	107,577	106,192	-	-	-
17	Total gross deliveries .....	34,997,735	53,427,555	17,340,062	1,351,885	404,635
18	Pipeline fuel .....	314,218	729,260	728	-	-
19	Pipeline losses and metering differences .....	139,989	225,080	82,048	6,378	-
20	Line pack fluctuations .....	17,792	-488,650	-18,577	-33	-44
21	Total disposition of gross receipts .	35,469,734	53,893,245	17,404,261	1,358,230	404,591

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

May, 1961

Mcf.

No.		British Columbia	Alberta	Saskatchewan
	<u>Receipts</u>			
1	From gathering systems or processing plants .....	8,534,420	22,867,057	-
2	From foreign transmission lines .....	-	3,637	-
3	Total .....	8,534,420	22,870,694	-
	<u>Deliveries</u>			
4	To distribution systems or consumers ..	2,856,557	2,159,123	641,179
5	To foreign transmission lines .....	8,060,523	1,352,004	-
6	Total .....	10,117,080	3,511,127	641,179

TABLE 1. Natural Gas Transmission by Company

May, 1961

Mcf.

Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
-	-	1,818	-	8,228,052	1,960,278	1
-	553	81,603	-	1,831,362	131,282	2
-	768,945	-	-	-	3,637	3
...	...	...	...	...	...	4
-	1,019,486	-	-	-	-	5
-	1,917,575	-	17,396,229	-	-	6
106,192	977,949	-	301,202	-	-	7
106,192	4,684,508	83,421	17,697,431	10,059,414	2,095,197	8
-	1,829,350	84,172	10,361,979	1,972,385	2,108,990	9
-	-	-	5,046,785	8,060,523	202	10
-	-	-	-	-	-	11
-	-	-	-	-	-	12
...	...	...	...	...	...	13
-	2,736,603	-	-	-	-	14
-	106,217	-	1,917,575	-	-	15
106,192	-	-	-	-	-	16
106,192	4,672,170	84,172	17,326,339	10,032,908	2,109,192	17
-	29,000	-	527,737	171,795	-	18
-	-16,662	-751	156,369	11,588	-13,890	19
-	-	-	-313,014	-156,877	-105	20
106,192	4,684,508	83,421	17,697,431	10,059,414	2,095,197	21

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

May, 1961

Mcf.

Manitoba	Ontario	Quebec	Total	No.
-	769,498	-	32,170,975	1
-	-	-	3,637	2
-	769,498	-	32,174,612	3
857,243	9,090,321	2,007,221	16,811,644	4
5,046,785	-	-	14,459,312	5
5,904,028	9,090,321	2,007,221	31,270,956	6

TABLE 3. Operating Statistics by Company

May, 1961

No.		Canada	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.	Niagara Gas Transmission Ltd.
	<u>Mcf. sendouts</u>					
	May, 1961					
1	Daily average .....	1,008,741	559,357	43,609	13,053	3,422
2	Maximum day .....	1,329,518(1)	612,869(2)	52,454	16,103	3,707
3	Minimum day .....	871,207(1)	..	33,649	9,669	3,030
	May, 1960					
4	Daily average .....	679,087	302,119	39,945	4,191	3,470
5	Maximum day .....	867,737	345,478(2)	44,761	6,492	-
	Year to date, 1961					
6	Daily average .....	1,170,254	559,523	47,896	30,695	1,962
	Year to date, 1960					
7	Daily average .....	819,214	344,453	49,707	16,518	2,438
	<u>Mcf. Miles</u>					
8	May, 1961 .....	33,711,954	2,930,488	21,993	343	-
	<u>Line Pack</u>					
9	Beginning of month .....	Mcf. 5,392,597	626,823	3,943	192	..
10	End of month .....	Mcf. 4,903,947	608,246	3,910	148	-
11	Net fluctuation .....	Mcf. -488,650	-18,577	-33	-44	-
	<u>Operating revenues</u>					
12	1st quarter, 1961 .....	\$ 36,802,443	1,992,882	707,759	1,760	24,000
13	2nd quarter, 1961 .....	\$				
14	3rd quarter, 1961 .....	\$				
15	4th quarter, 1961 .....	\$				
16	Total to date .....	\$				
17	1st quarter, 1960 .....	\$ 25,996,622	1,352,975	758,129	918	6,000
18	2nd quarter, 1960 .....	\$ 21,643,294	1,061,209	581,753	132	6,000
19	3rd quarter, 1960 .....	\$ 20,431,152	1,737,253	442,014	-	6,000
20	4th quarter, 1960 .....	\$ 30,012,591	1,785,869	726,913	813	6,000
21	Total to date .....	\$ 98,083,659	5,937,306	2,508,809	1,863	24,000

(1) Uncompensated.

(2) Not included in total.

.. Figures not available.

TABLE 3. Operating Statistics by Company

May, 1961

Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
62,348	2,715	558,914	323,642	68,038	1
173,696	4,062	621,967	376,606	80,923	2
23,936	1,849	468,109	285,462	45,504	3
44,983	2,506	289,458	294,353	61,522	4
91,687	3,929	325,332	319,437	76,099	5
124,448	4,542	613,492	340,374	73,234	6
104,172	3,748	332,733	304,530	67,625	7
-	771	23,808,131	6,369,003	581,239	8
110,000	..	3,505,716	1,131,610	14,313	9
110,000	-	3,192,702	974,733	14,208	10
-	-	-313,014	-156,877	-105	11
5,496,305	95,556	19,970,458	8,257,869	255,854	12
					13
					14
					15
					16
4,538,655	83,468	12,137,695	6,867,457	251,325	17
2,252,653	49,119	10,858,803	6,637,052	196,573	18
1,644,348	47,736	9,975,649	6,394,914	183,238	19
3,680,802	80,927	16,184,359	7,347,994	198,914	20
12,116,458	261,250	49,156,506	27,247,417	830,050	21



TABLE 4. Natural Gas Transmission by Month

May, 1961

Mcf.

No.		Year to date		January	February	March
		May 1960	May 1961			
<u>Natural gas received into transmission systems</u>						
1	From own gathering system or other processing plants .....	42,780,489	52,326,392	10,214,953	9,826,133	11,374,343
2	From other gathering systems or processing plants .....	80,004,335	122,330,385	27,378,303	25,070,481	25,556,307
3	From foreign transmission lines .....	1,560,130	1,502,291	10,208	8,671	7,719
4	Total net receipts .....	124,344,954	176,159,069	37,603,464	34,905,285	36,938,369
5	From storage .....	6,741,920	13,760,580	5,071,021	2,947,163	3,037,551
6	Transfers from Canadian transmission systems .....	58,996,487	103,026,509	20,729,798	19,997,934	22,021,273
7	Returned to transmission systems by distribution systems for re-delivery .....	2,198,354	3,029,625	409,895	329,840	332,563
8	Total gross receipts .....	192,281,715	295,975,783	63,814,178	58,180,222	62,329,756
<u>Natural gas delivered out of transmission systems</u>						
9	To distribution systems .....	81,084,663	103,170,302	24,707,148	20,679,907	21,520,661
10	To foreign transmission lines .....	42,590,344	73,524,527	15,023,211	14,283,852	15,787,681
11	To industrial consumers .....	25,585	12,811	-	630	4,677
12	To others .....	710	678	163	178	141
13	Total net deliveries .....	123,701,302	176,708,318	39,730,522	34,964,567	37,313,160
14	To storage .....	4,109,284	6,736,609	-	803,723	1,397,462
15	Transfers to Canadian transmission systems .....	58,996,487	103,026,509	20,729,798	19,997,934	22,021,273
16	Re-delivered to distribution systems .....	3,229,227	3,884,685	2,169,055	924,000	574,131
17	Total gross deliveries .....	190,036,300	290,356,121	62,629,375	56,690,224	61,306,026
18	Pipeline fuel .....	1,733,920	4,600,589	937,806	977,756	1,015,409
19	Pipeline losses and metering differences .....	655,043	938,813	120,648	106,846	175,409
20	Line pack fluctuations .....	-153,548	80,260	126,349	405,396	-167,088
21	Total disposition of gross receipts .....	192,281,715	295,975,783	63,814,178	58,180,222	62,329,756

TABLE 4. Natural Gas Transmission by Month

May, 1961

Mcf.

April	May	June	July	August	September	October	November	December	No.
10,720,815	10,190,148								1
23,113,413	21,211,882								2
703,111	772,582								3
34,537,339	32,174,612								4
1,685,359	1,019,486								5
20,963,700	19,313,804								6
571,984	1,385,343								7
57,758,382	53,893,245								8
19,456,192	16,806,394								9
13,970,471	14,459,312								10
2,337	5,167								11
113	83								12
33,429,113	31,270,956								13
1,798,821	2,736,603								14
20,963,700	19,313,804								15
111,307	106,192								16
56,302,941	53,427,555								17
940,358	729,260								18
310,830	225,080								19
204,253	-488,650								20
57,758,382	53,893,245								21



1010535591

# GAS PIPE LINE TRANSPORT 1959-61

