



## DOMINION BUREAU OF STATISTICS

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## GAS PIPE LINE TRANSPORT

February, 1961

Gas pipe line transport companies increased their total net deliveries of natural gas 37.2 per cent to 34,964,567 Mcf., an average of 1,248,734 Mcf. per day. Exports increased 74.2 per cent to 14,283,852 Mcf. from 8,201,864 in February, 1960. The sales for the twelve month period ending February 28, 1961 were 313 billion Mcf.

Alberta accounted for the highest provincial receipts, 74.6 per cent, while the greater share of deliveries, 50.9 per cent, was made in Ontario.

Total Mcf. miles (not including Ontario Natural Gas Storage and Pipelines Ltd., calculations of which are not available due to the complexity of operations) amounted to 33.4 billion or 762 million ton miles.

Total pipeline fuel amounted to 977,756 Mcf. during February while the line pack increased to 405,396. Peak day deliveries, uncompensated, (1) amounted to 1,609,894 Mcf. while minimum deliveries of 1,124,404 Mcf. were some 30.2 per cent less. Load factor for the industry was 77.6 per cent.

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 pipe line transport company. These items are shown separately as "Transfers from Canadian transmission systems" and "Returned to transmission systems for re-delivery".

Gas volumes in this report are given in thousands of cubic feet (Mcf.) of 1,000 British thermal units at 14.73 pounds per square inch absolute and at 60°F.

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.

(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

8506-503-21

TABLE 1. NATURAL GAS TRANSMISSION BY COMPANY

February, 1961

Mcf.

	Total February, 1960	Total February, 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>					
From own gathering system or processing plants	8,136,012	9,826,133	-	-	-
From other gathering systems or processing plants	16,401,484	25,070,481	18,927,836	1,402,961	1,361,092
From foreign transmission lines	-	8,671	-	-	-
Total net receipts	25,537,496	34,905,285	...	...	...
From storage	2,190,235	2,947,163	-	-	-
Transfers from Canadian transmission systems	11,762,731	19,997,934	-	-	-
Returned to transmission systems for re-delivery	27,787	329,840	-	-	-
Total gross receipts	38,518,249	58,180,222	18,927,836	1,402,961	1,361,092
<u>Natural gas delivered out of transmission systems</u>					
To distribution systems	17,264,267	20,679,907	127,568	-	1,361,088
To foreign transmission lines	8,201,864	14,283,852	-	1,390,382	-
To industrial consumers	13,528	630	630	-	-
To others	146	178	-	178	-
Total net deliveries	25,479,805	34,964,567	...	...	...
To storage	-	803,723	-	-	-
Transfers to Canadian transmission systems	11,762,731	19,997,934	18,716,368	-	-
Re-delivered to distribution systems	1,008,672	924,000	-	-	-
Total gross deliveries	38,251,208	56,690,224	18,844,566	1,390,560	1,361,088
Pipeline fuel	357,486	977,756	1,915	-	-
Pipeline losses and metering differences	60,969	106,846	76,461	12,417	-
Line pack fluctuations	-151,414	405,396	4,894	-16	4
Total disposition of receipts	38,518,249	58,180,222	18,927,836	1,402,961	1,361,092

... Figures not appropriate or not applicable.

TABLE 2. RECEIPTS AND DELIVERIES, BY PROVINCE

February, 1961

Mcf.

	British Columbia	Alberta	Saskatchewan	Manitoba
Receipts	8,088,499	26,021,694	-	-
Imports	-	8,671	-	-
Deliveries	2,848,459	2,209,987	1,609,011	1,538,170
Exports	7,193,998	1,390,697	-	5,699,157

TABLE 1. NATURAL GAS TRANSMISSION BY COMPANY

February, 1961

Mcf.

Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans-Canada Pipelines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies
-	-	47,156	-	7,805,913	1,973,064
-	786,421	108,225	-	2,385,761	98,185
-	-	-	-	-	8,671
...	...	...	...	...	...
-	2,947,163	-	-	-	-
-	1,281,566	-	18,716,368	-	-
14,006	-	-	315,834	-	-
14,006	5,015,150	155,381	19,032,202	10,191,674	2,079,920
-	3,307,686	151,050	10,953,495	2,697,409	2,081,611
-	-	-	5,699,157	7,193,998	315
-	-	-	-	-	-
-	-	-	-	-	-
...	...	...	...	...	...
-	803,723	-	-	-	-
-	-	-	1,281,566	-	-
14,006	909,994	-	-	-	-
14,006	5,021,403	151,050	17,934,218	9,891,407	2,081,926
-	14,283	-	705,020	256,538	-
-	-20,536	4,331	8,803	27,372	-2,002
-	-	-	384,161	16,357	-4
14,006	5,015,150	155,381	19,032,202	10,191,674	2,079,920

TABLE 2. RECEIPTS AND DELIVERIES, BY PROVINCE

February, 1961

Mcf.

Ontario	Quebec	Total
786,421	-	34,896,614
-	-	8,671
10,531,203	1,943,885	20,680,715
-	-	14,283,852

TABLE 3. OPERATING STATISTICS BY COMPANY

February, 1961

		Canada	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipeline Co.	Mid-Continent Pipelines Ltd.	Niagara Gas Transmission Ltd.
<u>Mcf. Sendout - daily average</u>						
February, 1961		1,248,734	673,020	49,663	48,610	500
Year to date, 1961		1,266,018	470,042	50,833	46,527	2,036
February, 1960		878,613	366,646	54,375	17,010	992
Year to date, 1960		876,693	368,768	54,016	19,838	633
<u>Mcf. Sendout on peak day of month</u>						
Maximum						
February, 1961		1,609,894 <sup>(1)</sup>	743,669 <sup>(2)</sup>	51,016	62,253	816
February, 1960		1,083,794 <sup>(1)</sup>	396,338 <sup>(2)</sup>	57,591	22,054	4,061
Minimum						
February, 1961		1,124,404 <sup>(1)</sup>	603,722 <sup>(2)</sup>	48,117	42,643	20
Mcf. Miles						
February, 1961	000's miles	33,412,560	3,120,201	23,133	1,361	7,003
<u>Line Pack</u>						
Beginning of month	Mcf.	4,950,037 <sup>r</sup>	634,848	4,830 <sup>r</sup>	160	..
End of month	Mcf.	5,355,433	639,742	4,814	164	..
Net fluctuation	Mcf.	405,396	4,894	-16	4	..
<u>Operating revenues</u>						
1st quarter, 1961	\$					
2nd quarter, 1961	\$					
3rd quarter, 1961	\$					
4th quarter, 1961	\$					
Total to date	\$					
1st quarter, 1960	\$	25,996,622	1,352,975	758,129	918	6,000
2nd quarter, 1960	\$	21,643,294	1,061,209	581,753	132	6,000
3rd quarter, 1960	\$	20,431,152	1,737,253	442,014	-	6,000
4th quarter, 1960	\$	30,012,591	1,785,869	726,913	813	6,000
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  
r Revised figures

TABLE 3. OPERATING STATISTICS BY COMPANY

February, 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
150,631	5,395	640,508	353,266	74,354
199,383	5,468	629,478	343,614	74,906
142,646	4,453	353,076	311,627	70,652
135,732	4,674	355,793	309,456	68,848
316,437	7,528	715,078	373,195	83,571
202,275	5,640	379,333	327,630	85,210
68,313	3,796	579,754	327,158	54,603
..	1,678	23,424,837	6,235,617	598,730
110,000	..	3,275,156 <sup>r</sup>	910,707	14,336
110,000	..	3,659,317	927,064	14,332
-	..	384,161	16,357	4
4,538,655	83,468	12,137,695	6,867,457	251,325
2,252,653	49,119	10,858,803	6,637,052	196,573
1,644,348	47,736	9,975,649	6,394,914	183,238
3,680,802	80,927	16,184,359	7,347,994	198,914
12,116,458	261,250	49,156,506	27,247,417	830,050

TABLE 4. NATURAL GAS TRANSMISSION BY MONTH

February, 1961

Mcf.

	Year to date		January <sup>r</sup>	February	March
	1960	1961			
<u>Natural gas received into transmission systems</u>					
From own gathering system or processing plants	16,766,086	20,041,086	10,214,953	9,826,133	
From other gathering systems or processing plants	34,198,199	52,448,784	27,378,303	25,070,481	
From foreign transmission lines	-	18,879	10,208	8,671	
Total net receipts	50,964,285	72,508,749	37,603,464	34,905,285	
From storage	4,257,805	8,018,184	5,071,021	2,947,163	
Transfers from Canadian transmission systems	24,574,300	40,727,732	20,729,798	19,997,934	
Returned to transmission systems for re-delivery	37,352	739,735	409,895	329,840	
Total gross receipts	79,833,742	121,994,400	63,814,178	58,180,222	
<u>Natural gas delivered out of transmission systems</u>					
To distribution systems	35,912,353	45,337,055	34,707,163	30,679,207	
To foreign transmission lines	16,674,888	29,307,063	15,023,211	14,283,852	
To industrial consumers	13,528	630	-	630	
To others	311	341	163	178	
Total net deliveries	52,601,580	74,695,089	39,730,522	34,964,567	
To storage	-	803,723	-	803,723	
Transfers to Canadian transmission systems	24,574,300	40,727,732	20,729,798	19,997,934	
Re-delivered to distribution systems	1,820,181	3,093,055	2,169,055	924,000	
Total gross deliveries	78,996,061	119,319,599	62,629,375	56,690,224	
Pipeline fuel	734,626	1,915,562	937,806	977,756	
Pipeline losses and metering differences	237,263	227,494	120,648	106,846	
Line pack fluctuations	-134,208	531,745	126,349	405,396	
Total disposition of receipts	79,833,742	121,994,400	63,814,178	58,180,222	

<sup>r</sup> Revised figures.



TABLE 4. NATURAL GAS TRANSMISSION BY MONTH

February, 1961

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# GAS PIPE LINE TRANSPORT 1959-61

