



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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

Vol. 2 No. 11

Price: \$ 2.00 per year

## GAS PIPE LINE TRANSPORT

November, 1960.

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.

In keeping with this definition four companies which were previously included in this statistical series have now been removed, and are included instead in the gas distribution series. These companies are: Ajax Alberta Pipeline Limited, Cold Lake Pipe Line Company Limited, Cretaceous Pipelines Limited and North Canadian Oils Limited.

Sales of gas by distribution utilities are issued monthly in the report, "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued shortly encompassing their total operations.

Niagara Gas Transmission Limited which commenced operating in the latter part of 1959 is now included in this report.

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 duplications have now been removed and are shown as separate items.

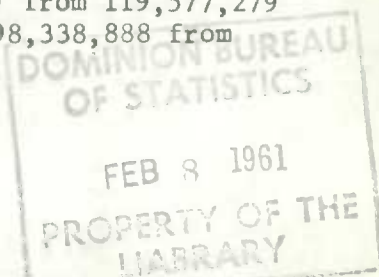
Revisions resulting from the above changes have been incorporated in this report for previous months of 1960. Revisions for 1959 will be included in an annual report which will be released shortly.

Net deliveries of natural gas through Canadian pipe lines totalled 30,992,998 MCF in November 1960, up 41.7 per cent from the total of 21,879,783 in November, 1959. Daily average sendout was 1,033,100 MCF compared with 729,326.

For the eleven months ended November 30, 1960 net deliveries increased 30.1 per cent to 253,387,144 MCF, from 194,707,100 in the same period last year, and daily average sendout was 756,380 MCF compared with 582,955. Deliveries to distribution systems increased 29.6 per cent to 154,969,955 MCF from 119,577,279 while exports to the United States increased 31.1 per cent to 98,338,888 from 75,034,237.

Prepared in the Public Utilities Section,  
Public Finance and Transportation Division.

8506-503-110



## NATURAL GAS TRANSMISSION BY COMPANY

TABLE 1

November, 1959.

MCF\*

	Total November, 1959	Total November, 1960	Alberta Gas Trunk Line Co. Ltd.	Canadian - Montana Pipe Line Co.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>					
From own gathering systems	7,349,545	8,685,009	-	-	74,128
From other gathering systems	14,639,571	21,178,120	15,468,522	1,568,660	-
From foreign transmission lines	-	-	-	-	-
Total net receipts (1)	21,989,116	29,863,129	XXX	XXX	XXX
From Canadian transmission lines	10,986,991	16,168,769	-	-	-
From storage	743,069	1,658,836	-	-	-
From distribution systems	-	113,499	-	-	-
Total gross receipts	33,719,176	47,804,233	15,468,522	1,568,660	74,128
<u>Natural gas delivered out of system</u>					
To distribution systems	15,218,981	18,907,483	123,060	-	74,128
To foreign transmission lines	6,632,250	12,068,064	-	1,564,200	-
To industrial consumers	28,382	17,309	17,309	-	-
To others	170	142	-	142	-
Total net deliveries (1)	21,879,783	30,992,998	XXX	XXX	XXX
To Canadian transmission lines	10,986,991	16,168,769	15,380,501	-	-
To storage	5,828	16,137	-	-	-
Redelivered to distribution systems	341,287	404,849	-	-	-
Total gross deliveries	33,213,889	47,582,753	15,520,870	1,564,342	74,128
Pipeline fuel	291,600	483,271	1,773	-	-
Pipeline losses and metering differences	87,846	57,800	-10,411	4,135	-
Line pack fluctuations	125,841	-319,591	-43,710	183	-
Total disposition of receipts	33,719,176	47,804,233	15,468,522	1,568,660	74,128

\* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

(1) Not applicable to individual companies.

## NATURAL GAS TRANSMISSION BY COMPANY

November, 1960

MCF\*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	359,276	-	1,440,565	-	-	63,177	303,582	-	6,444,281
661,332	-	56,437	-	-	646,367	70,191	-	-	2,706,611
-	-	-	-	-	-	-	-	-	-
XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
-	-	-	-	-	788,268	-	-	15,380,501	-
-	-	-	-	-	1,658,836	-	-	-	-
-	-	-	-	113,499	-	-	-	-	-
661,332	359,276	56,437	1,440,565	113,499	3,093,471	133,368	303,582	15,380,501	9,150,892
661,348	368,807	56,294	1,455,680	-	2,781,808	133,013	306,546	10,088,237	2,858,562
-	-	-	-	-	-	-	-	4,444,713	6,059,151
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
-	-	-	-	-	-	-	-	788,268	-
-	-	-	-	-	16,137	-	-	-	-
-	-	-	-	113,499	291,350	-	-	-	-
661,348	368,807	56,294	1,455,680	113,499	3,089,295	133,013	306,546	15,321,218	8,917,713
-	-	-	-	-	6,412	-	-	301,563	173,523
-	- 9,531	143	- 15,115	-	- 2,236	355	- 2,998	72,843	20,615
- 16	-	-	-	-	-	-	34	- 315,123	39,041
661,332	359,276	56,437	1,440,565	113,499	3,093,471	133,368	303,582	15,380,501	9,150,892

TABLE 2

## OPERATING STATISTICS BY COMPANY

November, 1960.

	Canada	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* Sendout - daily average</u>				
November, 1960	1,033,100	517,362	52,145	2,471
Year to date, 1960	756,380	340,311	43,247	1,636
November, 1959	729,326	325,193	41,520	2,528
Year to date, 1959	582,955	199,883	38,503	1,625
<u>MCF* Sendout on peak day of month</u>				
November, 1960	XXX	551,441	54,622	3,786
November, 1959	XXX	403,228	53,728	4,176
<u>Gross receipts - MCF*</u>				
November, 1960	47,804,233	15,468,522	1,568,660	74,128
Year to date, 1960	409,730,841	113,805,212	14,583,294	548,086
November, 1959	33,719,176	9,695,641	1,292,353	75,862
Year to date, 1959	280,398,672	67,169,419	13,064,583	542,619
<u>Gross deliveries - MCF*</u>				
November, 1960	47,582,753	15,520,870	1,564,342	74,128
Year to date, 1960	404,677,440	114,004,041	14,487,677	548,086
November, 1959	33,213,889	9,755,816	1,245,592	75,862
Year to date, 1959	276,705,325	66,761,108	12,859,929	542,619
<u>Operating revenues</u>				
1st quarter, 1960	\$ 25,996,622	1,352,975	758,129	94,569
2nd quarter, 1960	\$ 21,643,294	1,061,209	581,753	59,160
3rd quarter, 1960	\$ 20,431,152	1,737,253	442,014	50,322
4th quarter, 1960	\$			
Total to date	\$ 68,071,068	4,151,437	1,781,896	204,051
1st quarter, 1959	\$ 19,009,743	793,383	687,394	94,589
2nd quarter, 1959	\$ 15,424,955	646,978	541,331	54,429
3rd quarter, 1959	\$ 13,600,064	598,925	314,783	46,325
4th quarter, 1959	\$ 21,089,603	1,233,433	568,203	80,807
Total to date	\$ 69,124,365	3,272,719	2,111,711	276,150

\* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.



## OPERATING STATISTICS BY COMPANY

November, 1960.

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
22,045	12,294	1,876	48,523	3,783	102,439	4,434	10,218	510,707	297,257
17,291	11,045	2,646	38,819	3,061	72,325	3,161	9,766	328,868	294,479
17,091	10,593	1,964	39,506	-	92,730	4,100	11,207	308,324	252,179
7,828	6,958	2,703	31,717	-	67,502	3,186	10,006	194,559	231,622
40,456	14,119	2,147	50,863	6,462	215,227	6,490	10,567	573,362	326,560
17,117	11,658	2,290	46,680	-	191,774	6,057	11,584	330,040	273,732
661,332	359,276	56,437	1,440,565	113,499	3,093,471	133,368	303,582	15,380,501	9,150,892
2,801,079	3,640,222	867,568	13,025,450	1,025,278	41,171,945	1,069,493	3,227,393	113,400,348	100,565,473
512,725	314,651	56,825	1,192,714	-	2,800,812	123,005	330,671	9,611,152	7,712,765
2,614,896	2,294,741	895,714	10,653,020	-	33,650,147	1,064,066	3,295,115	66,774,666	78,379,686
661,348	363,807	56,294	1,455,680	113,499	3,089,295	133,013	306,546	15,321,218	8,917,713
2,801,061	3,700,239	875,632	13,004,218	1,025,278	41,079,454	1,058,814	3,271,679	110,170,668	98,650,593
512,725	317,792	58,920	1,185,189	-	2,787,715	123,005	336,197	9,249,718	7,565,358
2,614,939	2,324,031	904,632	10,593,543	-	33,357,864	1,064,066	3,342,027	64,978,647	77,361,890
918	19,875	11,042	55,654	6,000	4,538,655	83,468	70,185	12,137,695	6,867,457
132	23,019	8,253	46,601	6,000	2,252,653	49,119	59,540	10,858,803	6,637,052
-	19,004	6,173	48,470	6,000	1,644,348	47,736	59,269	9,975,649	6,394,914
1,050	61,898	25,468	150,725	18,000	8,435,656	180,323	188,994	32,972,147	19,899,423
349	13,906	12,282	57,571	-	3,647,890	93,400	64,793	7,376,707	6,167,479
180	15,657	9,295	48,108	-	2,209,187	54,351	53,539	6,351,180	5,440,720
296	12,688	11,026	44,827	-	1,600,890	45,751	53,355	5,985,343	4,885,855
756	21,302	10,482	60,734	n.a.	3,195,623	75,441	66,239	9,875,698	5,900,385
1,581	64,053	43,085	211,240	n.a.	10,653,590	268,943	237,926	29,588,928	22,394,439

November, 1960

TABLE 3

## NATURAL GAS TRANSMISSION BY MONTH

MCF\*

	Year to date		January	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system	91,522,182	71,319,044	8,630,074	8,136,012	8,963,748
From other gathering systems	167,983,640	115,258,822	17,796,715	16,401,484	17,565,867
From foreign transmission lines	5,476,580	11,634,172	-	-	-
Total net receipts	264,982,402	198,212,038	26,426,789	24,537,496	26,529,615
From Canadian transmission lines	130,115,110	68,406,082	12,811,569	11,762,731	12,291,925
From storage	8,473,362	8,995,233	2,067,570	2,190,235	2,350,610
From distribution systems	6,159,967	4,785,319	9,565	27,787	115,097
Total gross receipts	409,730,841	280,398,672	41,315,493	38,518,249	41,287,247
<u>Natural gas delivered out of system</u>					
To distribution systems	154,969,955	119,577,279	18,648,586	17,264,267	18,711,126
To foreign transmission lines	98,338,888	75,034,237	8,473,024	8,201,864	8,544,915
To industrial consumers	77,234	94,279	-	13,528	11,275
To others	1,067	1,305	165	146	206
Total net deliveries	253,387,144	194,707,100	27,121,775	25,479,805	27,267,522
To Canadian transmission lines	130,115,110	68,406,082	12,811,569	11,762,731	12,291,925
To storage	16,850,422	10,812,260	-	-	-
Redelivered to distribution systems	4,324,764	2,779,883	811,509	1,008,672	1,105,127
Total gross deliveries	404,677,440	276,705,325	40,744,853	38,251,208	40,664,574
Pipeline fuel	3,871,126	1,984,775	377,140	357,486	371,108
Pipeline losses and metering differences	1,257,361	1,465,877	176,294	60,969	132,024
Line pack fluctuations	- 75,086	242,695	17,206	-151,414	119,541
Total disposition of receipts	409,730,841	280,398,672	41,315,493	38,518,249	41,287,247

\* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1.000 B.T.U.

November, 1960  
NATURAL GAS TRANSMISSION BY MONTH

MCF\*

April	May	June	July	August	September	October	November	December
8,492,900	8,557,755	7,832,072	7,551,472	8,073,525	8,100,732	8,498,883	8,685,009	
14,582,286	13,657,983	12,631,389	12,186,867	11,609,828	13,056,712	17,316,389	21,178,120	
735,185	824,945	806,865	838,843	824,972	808,117	637,653	-	
23,810,371	23,040,683	21,270,326	20,577,182	20,508,325	21,965,561	26,452,925	29,863,129	
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085	11,331,976	14,644,062	16,168,769	
133,505	-	460	-	-	-	72,146	1,658,836	
671,769	1,374,136	1,459,246	1,627,407	527,201	112,278	121,982	113,499	
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611	33,409,815	41,291,115	47,804,233	
14,062,486	12,398,198	10,486,626	9,767,581	9,976,836	10,687,343	14,059,423	18,907,483	
8,717,725	8,652,816	8,460,935	8,324,211	8,538,333	8,130,321	10,226,680	12,068,064	
165	617	352	570	22,481	8,503	2,434	17,309	
116	77	44	28	41	47	55	142	
22,780,492	21,051,708	18,947,957	18,092,390	18,537,691	18,826,214	24,288,592	30,992,998	
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085	11,331,976	14,644,062	16,168,769	
1,325,749	2,783,535	3,424,649	3,736,929	1,902,659	2,203,095	1,457,669	16,137	
196,342	107,577	91,457	113,069	102,429	112,278	271,455	404,849	
35,377,930	34,997,735	32,828,880	31,923,302	29,170,864	32,473,563	40,661,778	47,582,753	
313,968	314,218	297,322	341,725	295,278	307,910	411,700	483,271	
145,767	139,989	86,582	144,303	123,466	146,715	43,452	57,800	
-146,673	17,792	-117,935	-223,827	74,003	481,627	174,185	-319,591	
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611	33,409,815	41,291,115	47,804,233	

# NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960

