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GAS PIPE LINE TRANSPORT

October, 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 in 1960 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 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 24,288,592 MCF in October, 1960, up 28.6 per cent from the total of 18,891,123 in October last year. The daily average sendout was 783,503 MCF compared with 609,391.

For the ten months ended October 31, 1960 net deliveries increased 28.7 per cent to 222,394,146 MCF from 172,827,317 in the same period last year and daily average sendout was 729,161 MCF compared with 568,511. During this period deliveries to distribution systems increased 30.4 per cent to 136,062,472 MCF from 104,358,500 and exports to the United States increased 26.1 per cent to 86,270,824 MCF from 68,401,987.

Prepared in the Public Utilities Section,
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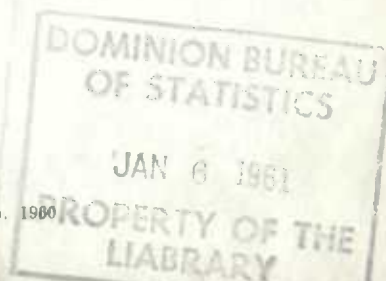


TABLE 1

NATURAL GAS TRANSMISSION BY COMPANY

October, 1960

MCF*

	Total October 1959	Total October 1960	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Grande Prairie Transmission Co. Ltd.
<u>Natural gas received into system</u>					
From own gathering systems	6,970,753	8,498,883	-	-	44,326
From other gathering systems	11,660,584	17,316,389	12,588,188	1,503,743	-
From foreign transmission lines	1,622,102	637,653	-	-	-
Total net receipts (1)	20,253,439	26,452,925	xxx	xxx	xxx
From Canadian transmission lines	7,341,286	14,644,062	-	-	-
From storage	192,345	72,146	-	-	-
From distribution systems	50,435	121,982	-	-	-
Total gross receipts	27,837,505	41,291,115	12,588,188	1,503,743	44,326
<u>Natural gas delivered out of system</u>					
To distribution systems	12,133,074	14,059,423	55,990	-	44,326
To foreign transmission lines	6,755,192	10,226,680	-	1,493,288	-
To industrial consumers	2,739	2,434	2,434	-	-
To others	118	55	-	55	-
Total net deliveries (1)	18,891,123	24,288,592	xxx	xxx	xxx
To Canadian transmission lines	7,341,286	14,644,062	12,416,156	-	-
To storage	751,502	1,457,669	-	-	-
Redelivered to distribution systems	124,499	271,455	-	-	-
Total gross deliveries	27,108,410	40,661,778	12,474,580	1,493,343	44,326
Pipeline fuel	192,980	411,700	1,117	-	-
Pipeline losses and metering differences	118,395	43,452	-18,350	9,392	-
Line pack fluctuations	417,720	174,185	130,841	1,008	-
Total disposition of receipts	27,837,505	41,291,115	12,588,188	1,503,743	44,326

* 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

October, 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.
-	326,840	-	1,316,210	-	-	37,471	294,278	-	6,479,758
41,918	-	51,041	-	-	415,909	60,972	-	-	2,654,618
-	-	-	-	-	637,653	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	-	2,227,906	-	-	12,416,156	-
-	-	-	-	-	72,146	-	-	-	-
-	-	-	-	121,982	-	-	-	-	-
41,918	326,840	51,041	1,316,210	121,982	3,353,614	98,443	294,278	12,416,156	9,134,376
41,910	333,751	51,458	1,324,795	-	1,726,572	102,567	296,015	8,059,841	2,022,198
-	-	-	-	-	-	-	-	1,687,092	7,046,300
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	-	-	-	-	2,227,906	-
-	-	-	-	-	1,457,669	-	-	-	-
-	-	-	-	121,982	149,473	-	-	-	-
41,910	333,751	51,458	1,324,795	121,982	3,333,714	102,567	296,015	11,974,839	9,068,498
-	-	-	-	-	18,873	-	-	241,792	149,918
-	-6,911	-417	-8,585	-	1,027	-4,124	-1,972	45,150	28,242
8	-	-	-	-	-	-	235	154,375	-112,282
41,918	326,840	51,041	1,316,210	121,982	3,353,614	98,443	294,278	12,416,156	9,134,376

TABLE 2

OPERATING STATISTICS BY COMPANY

October, 1960

	Canada	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Grande Prairie Transmission Co. Ltd.
<u>MCF* Sendout - daily average</u>				
October, 1960	783,503	240,581	48,172	1,430
Year to date, 1960	729,161	322,896	42,372	1,554
October, 1959	609,391	228,758	33,252	1,691
Year to date, 1959	568,511	187,517	38,205	1,536
<u>MCF* Sendout on peak day of month</u>				
October, 1960	xxx	536,403	53,755	2,315
October, 1959	xxx	287,268	40,057	3,483
<u>Gross receipts - MCF*</u>				
October, 1960	41,291,115	12,588,188	1,503,743	44,326
Year to date, 1960	361,926,608	98,336,690	13,014,634	473,958
October, 1959	27,837,505	7,092,790	1,091,381	52,439
Year to date, 1959	246,679,496	57,473,778	11,772,230	466,757
<u>Gross deliveries - MCF*</u>				
October, 1960	40,661,778	12,474,580	1,493,343	44,326
Year to date, 1960	357,094,687	98,483,171	12,923,335	473,958
October, 1959	27,108,410	7,091,503	1,030,815	52,429
Year to date, 1959	243,491,436	57,005,292	11,614,337	466,757
<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

October, 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.
8,382 16,210 14,968 6,915	10,766 9,939 9,526 6,600	1,663 2,768 2,470 2,782	42,735 37,864 38,382 30,948	3,935 2,989 - -	60,518 69,364 57,751 65,012	3,309 3,035 3,185 3,095	9,549 9,721 11,075 9,887	386,285 310,982 210,749 183,332	292,532 294,206 238,416 229,594
9,360 15,788	12,482 10,905	2,140 3,035	44,407 43,535	4,262 -	160,614 108,771	4,587 4,135	10,241 11,541	531,535 280,560	326,953 257,999
41,918 2,139,747 464,010 2,102,171	326,840 3,280,946 295,517 1,980,090	51,041 811,131 73,146 838,889	1,316,210 11,584,885 1,194,235 9,460,306	121,982 911,779 - -	3,353,614 38,078,474 2,624,551 30,849,335	98,443 936,125 98,727 941,061	294,278 2,923,811 336,259 2,964,444	12,416,156 98,019,847 7,064,538 57,163,514	9,134,376 91,414,581 7,449,922 70,666,921
41,910 2,139,713 464,010 2,102,214	333,751 3,331,432 295,296 2,006,239	51,458 819,338 76,568 845,742	1,324,795 11,548,538 1,189,826 9,408,354	121,982 911,779 - -	3,333,714 37,990,159 2,541,797 30,570,149	102,567 925,801 98,727 941,061	296,015 2,965,133 343,324 3,005,830	11,974,839 94,849,450 6,533,226 55,728,929	9,068,498 89,732,880 7,390,889 69,796,532
918 132 -	19,875 23,019 19,004	11,042 8,253 6,173	55,654 46,601 48,470	6,000 6,000 6,000	4,538,655 2,252,653 1,644,348	83,468 49,119 47,736	70,185 59,540 59,269	12,137,695 10,858,803 9,975,649	6,867,457 6,637,052 6,394,914
1,050 349 180 296 756 1,581	61,898 13,906 15,657 12,688 21,802 64,053	25,468 12,282 9,295 11,026 10,482 43,085	150,725 57,571 48,108 44,827 60,734 211,240	18,000 - - - n.a. n.a.	8,435,656 3,647,890 2,209,187 1,600,890 3,195,623 10,653,590	180,323 93,400 54,351 45,751 75,441 268,943	188,994 64,793 53,539 53,355 66,239 237,926	32,972,147 7,376,707 6,351,180 5,985,343 9,875,698 29,588,928	19,899,423 6,167,479 5,440,720 4,885,855 5,900,385 22,394,439

TABLE 3

NATURAL GAS TRANSMISSION BY MONTH

January to October, 1960

MCF*

	Year to date		January	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system	82,837,173	63,969,499	8,630,074	8,136,012	8,963,748
From other gathering systems	146,805,520	100,619,251	17,796,715	16,401,484	17,565,867
From foreign transmission lines	5,476,580	11,634,172	-	-	-
Total net receipts	235,119,273	176,222,922	26,426,789	24,537,496	26,529,615
From Canadian transmission lines	113,946,341	57,419,091	12,811,569	11,762,731	12,291,925
From storage	6,814,526	8,252,164	2,067,570	2,190,235	2,350,610
From distribution systems	6,046,468	4,785,319	9,565	27,787	115,097
Total gross receipts	361,926,608	246,679,496	41,315,493	38,518,249	41,287,247
<u>Natural gas delivered out of system</u>					
To distribution systems	136,062,472	104,358,500	18,648,586	17,264,267	18,711,126
To foreign transmission lines	86,270,824	68,401,987	8,473,024	8,201,864	8,544,915
To industrial consumers	59,925	65,897	-	13,528	11,275
To others	925	1,135	165	146	206
Total net deliveries	222,394,146	172,827,317	27,121,775	25,479,805	27,267,522
To Canadian transmission lines	113,946,341	57,419,091	12,811,569	11,762,731	12,291,925
To storage	16,834,285	10,806,432	-	-	-
Redelivered to distribution systems	3,919,915	2,438,596	811,509	1,008,672	1,105,127
Total gross deliveries	357,094,687	243,491,436	40,744,853	38,521,208	40,664,574
Pipeline fuel	3,387,855	1,693,175	377,140	357,486	371,108
Pipeline losses and metering differences	1,199,561	1,378,031	176,294	60,969	132,024
Line pack fluctuations	244,505	116,854	17,206	-151,414	119,541
Total disposition of receipts	361,926,608	246,679,496	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.

NATURAL GAS TRANSMISSION BY MONTH

January to October, 1960

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		
14,582,286	13,657,983	12,631,389	12,186,867	11,609,828	13,056,712	17,316,389		
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		
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085	11,331,976	14,644,062		
133,505	-	460	-	-	-	72,146		
671,769	1,374,136	1,459,246	1,627,407	527,201	112,278	121,982		
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611	33,409,815	41,291,115		
14,062,486	12,398,198	10,486,626	9,767,581	9,976,836	10,687,343	14,059,423		
8,717,725	8,652,816	8,460,935	8,324,211	8,538,333	8,130,321	10,226,680		
165	617	352	570	22,481	8,503	2,434		
116	77	44	28	41	47	55		
22,780,492	21,051,708	18,947,957	18,092,390	18,537,691	18,826,214	24,288,592		
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085	11,331,976	14,644,062		
1,325,749	2,783,535	3,424,649	3,736,929	1,902,659	2,203,095	1,457,669		
196,342	107,577	91,457	113,069	102,429	112,278	271,455		
35,377,930	34,997,735	32,828,880	31,923,302	29,170,864	32,473,563	40,661,778		
313,968	314,218	297,322	341,725	295,278	307,910	411,700		
145,767	139,989	86,582	144,303	123,466	146,715	43,452		
-146,673	17,792	-117,935	-223,827	74,003	481,627	174,185		
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611	33,409,815	41,291,115		

NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960

