



DOMINION BUREAU OF STATISTICS

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GAS PIPE LINE TRANSPORT

September, 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 18,826,214 MCF in September, 1960, up 32.4 per cent from the total of 14,216,131 in September of the previous year. Daily average sendout was 627,540 MCF compared with 473,871 in September, 1959.

For the nine months ended September 30, 1960 net deliveries increased 28.7 per cent to 198,105,554 from 153,936,194 in the same period last year. The daily average sendout was 723,013 MCF compared with 563,869. During this period deliveries to distribution systems increased 32.3 per cent to 122,033,049 MCF from 92,225,224 and exports to the United States increased 23.4 per cent to 76,044,144 from 61,646,795 MCF.

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

8506-503-90

TABLE 1

NATURAL GAS TRANSMISSION BY COMPANY

September, 1960.

MCF*

	Total September, 1959	Total September, 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	5,849,675	8,100,732	-	-	26,075
From other gathering systems	8,222,139	13,056,712	9,325,766	994,975	-
From foreign transmission lines	1,693,188	808,117	-	-	-
Total net receipts (1)	15,765,002	21,965,561	xxx	xxx	xxx
From Canadian transmission lines	4,594,178	11,331,976	-	-	-
From storage	-	-	-	-	-
From distribution systems	-	112,278	-	-	-
Total gross receipts	20,359,180	33,409,815	9,325,766	994,975	26,075
<u>Natural gas delivered out of system</u>					
To distribution systems	8,597,158	10,687,343	23,482	-	26,075
To foreign transmission lines	5,618,910	8,130,321	-	980,413	-
To industrial consumers	-	8,503	8,503	-	-
To others	63	47	-	47	-
Total net deliveries (1)	14,216,131	18,826,214	xxx	xxx	xxx
To Canadian transmission lines	4,594,178	11,331,976	9,231,641	-	-
To storage	1,199,135	2,203,095	-	-	-
Redelivered to distribution systems	-	112,278	-	-	-
Total gross deliveries	20,009,444	32,473,563	9,263,626	980,460	26,075
Pipeline fuel	125,204	307,910	638	-	-
Pipeline losses and metering differences	67,725	146,715	-4,460	14,278	-
Line pack fluctuations	156,807	481,627	65,962	237	-
Total disposition of receipts	20,359,180	33,409,815	9,325,766	994,975	26,075

* 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

September, 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.
-	317,450	-	1,240,558	-	-	22,775	271,425	-	6,222,449
-	-	72,931	-	-	371,647	49,129	-	-	2,242,264
-	-	-	-	-	808,117	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	-	2,100,335	-	-	9,231,641	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	112,278	-	-	-	-	-
-	317,450	72,931	1,240,558	112,278	3,280,099	71,904	271,425	9,231,641	8,464,713
-	320,211	73,968	1,253,776	-	1,029,758	72,885	275,125	6,077,138	1,534,925
-	-	-	-	-	-	-	-	448,591	6,701,317
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	-	-	-	-	2,100,335	-
-	-	-	-	-	2,203,095	-	-	-	-
-	-	-	-	112,278	-	-	-	-	-
-	320,211	73,968	1,253,776	112,278	3,232,853	72,885	275,125	8,626,064	8,236,242
-	-	-	-	-	24,042	-	-	151,858	131,372
-	-2,761	-1,037	-13,218	-	23,204	-981	-3,657	128,831	6,516
-	-	-	-	-	-	-	-43	324,888	90,583
-	317,450	72,931	1,240,558	112,278	3,280,099	71,904	271,425	9,231,641	8,464,713

TABLE 2

OPERATING STATISTICS BY COMPANY

September, 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>				
September, 1960	627,540	308,788	32,682	869
Year to date, 1960	723,013	313,900	41,715	1,568
September, 1959	473,871	151,636	22,397	964
Year to date, 1959	563,869	182,835	38,767	1,517
<u>MCF* Sendout on peak day of month</u>				
September, 1960	XXXX	385,401	55,360	1,468
September, 1959	XXXX	213,483	37,528	1,636
<u>Gross receipts - MCF*</u>				
September, 1960	33,409,815	9,325,766	994,975	26,075
Year to date, 1960	320,635,493	85,748,502	11,510,891	429,632
September, 1959	20,359,180	4,691,857	664,433	28,918
Year to date, 1959	218,841,991	50,380,988	10,680,849	414,328
<u>Gross deliveries - MCF*</u>				
September, 1960	32,473,563	9,263,626	980,460	26,075
Year to date, 1960	316,432,909	86,008,591	11,429,992	429,632
September, 1960	20,009,444	4,549,098	671,888	28,916
Year to date, 1959	216,383,026	49,913,789	10,583,522	414,328
<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.C.U.

OPERATING STATISTICS BY COMPANY

September, 1943

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.
- 16,518	10,674 10,940	2,466 2,898	41,793 37,313	3,743 2,882	34,325 70,364	2,429 3,005	9,171 9,741	287,535 302,462	274,541 294,396
9,426 6,001	7,201 6,267	3,997 2,818	35,153 30,104	- -	33,723 65,837	2,384 3,085	9,639 9,752	145,723 180,220	204,768 228,593
- 15,244	12,781 10,567	3,092 4,394	43,626 43,090	4,006 -	51,301 67,947	3,092 3,680	10,041 11,305	355,877 197,338	307,282 250,105
- 1,097,829	317,450 2,954,106	72,931 760,090	1,240,558 10,268,675	112,278 789,797	3,280,099 34,724,860	71,904 837,682	271,425 2,629,533	9,231,641 85,603,691	8,464,713 82,280,205
282,776 1,838,161	211,069 1,684,573	118,734 765,743	1,073,667 8,266,071	- -	2,209,270 28,224,784	71,507 842,334	285,923 2,628,185	4,538,963 50,098,976	6,182,065 63,216,999
- 2,097,803	320,211 2,997,681	73,968 767,880	1,253,776 10,223,743	112,278 789,797	3,232,853 34,656,445	72,885 823,234	275,125 2,669,118	8,626,064 82,874,611	8,236,242 80,664,382
282,776 1,638,204	216,036 1,710,943	119,896 769,174	1,054,600 8,218,528	- -	2,210,839 28,028,352	71,507 842,334	289,184 2,662,506	4,371,686 49,195,703	6,143,018 62,405,643
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	21,802	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

TABLE 3

NATURAL GAS TRANSMISSION BY MONTH

January to September, 1960

MCF*

	Year to date		January	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system	74,338,290	56,998,746	8,630,074	8,136,012	8,963,748
From other gathering systems	129,489,131	88,958,667	17,796,715	16,401,484	17,565,867
From foreign transmission lines	4,838,927	10,012,070	-	-	-
Total net receipts	208,666,348	155,969,483	26,426,789	24,537,496	26,529,615
From Canadian transmission lines	99,302,279	50,077,805	12,811,569	11,762,731	12,291,925
From storage	6,742,380	8,059,819	2,067,570	2,190,235	2,350,610
From distribution systems	5,924,486	4,734,884	9,565	27,787	115,097
Total gross receipts	320,635,493	218,841,991	41,315,493	38,518,249	41,287,247
<u>Natural gas delivered out of system</u>					
To distribution systems	122,003,049	92,225,224	18,648,586	17,264,267	18,711,126
To foreign transmission lines	76,044,144	61,646,795	8,473,024	8,201,864	8,544,915
To industrial consumers	57,491	63,158	-	13,528	11,275
To others	870	1,017	165	146	206
Total net deliveries	198,105,554	153,936,194	27,121,775	25,479,805	27,267,522
To Canadian transmission lines	99,302,279	50,077,805	12,811,569	11,762,731	12,291,925
To storage	15,376,616	10,054,930	-	-	-
Redelivered to distribution systems	3,648,460	2,314,097	811,509	1,008,672	1,105,127
Total gross deliveries	316,432,909	216,383,026	40,744,853	38,251,208	40,664,574
Pipeline fuel	2,976,155	1,500,195	377,140	357,486	371,108
Pipeline losses and metering differences	1,156,109	1,259,636	176,294	60,969	132,024
Line pack fluctuations	70,320	-300,866	17,206	-151,414	119,541
Total disposition of receipts	320,635,493	218,841,991	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 September, 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			
14,582,286	13,657,983	12,631,389	12,186,867	11,609,828	13,056,712			
735,185	824,945	806,865	838,843	824,972	808,117			
23,810,371	23,040,683	21,270,326	20,577,182	20,508,325	21,965,561			
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085	11,331,976			
133,505	-	460	-	-	-			
671,769	1,374,136	1,459,246	1,627,407	527,201	112,278			
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611	33,409,815			
14,062,486	12,398,198	10,486,626	9,767,581	9,976,836 ^r	10,687,343			
8,717,725	8,652,816	8,460,935	8,324,211	8,538,333	8,130,321			
165	617	352	570	22,481	8,503			
116	77	44	28	41	47			
22,780,492	21,051,708	18,947,957	18,092,390	18,537,691 ^r	18,826,214			
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085	11,331,976			
1,325,749	2,783,535	3,424,649	3,736,929	1,902,659 ^r	2,203,095			
196,342	107,577	91,457	113,069	102,429	112,278			
35,377,930	34,997,735	32,828,880	31,923,302	29,170,864	32,473,563			
313,968	314,218	297,322	341,725	295,278	307,910			
145,767	139,989	86,582	144,303	123,466	146,715			
-146,673	17,792	-117,935	-223,827	74,003	481,627			
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611	33,409,815			

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NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960

