



DOMINION BUREAU OF STATISTICS

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GAS PIPE LINE TRANSPORT

August, 1960.

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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.

Certain duplications in the statistics have occurred as a result of gas being obtained by pipe line companies from certain distribution companies, which had originally received the gas from pipe line transport companies. 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 19,272,910 MCF in August, 1960, up 33.3 per cent from the total of 14,456,035 in August last year and an increase of 6.5 per cent from the July deliveries. Daily average sendout was 621,707 MCF compared with 466,324 one year ago.

For the eight months ended August 31, 1960 net deliveries rose 28.8 per cent to 180,014,559 MCF from 139,720,063 MCF in the same period last year. The daily average send out was 749,480 MCF compared with 584,503.

During this period deliveries to distribution systems increased 34.0 per cent to 112,050,925 MCF from 83,628,066 and exports to the United States increased 21.2 per cent to 67,913,823 MCF from 56,027,885. Included in these exports was the first movement of gas to the United States by Trans-Canada Pipe Lines Limited. This gas was being used for testing purposes, line fill, etc. Actual export of gas is not expected until mid-October.

Deliveries for the twelve month period ended August 1960 amounted to 259,573,517 MCF.

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

8506-503-80

TABLE 1

NATURAL GAS TRANSMISSION BY COMPANY

August, 1960

MCF*

	Total August, 1959	Total August, 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	5,888,177	8,073,525	-	-	15,893
From other gathering systems	8,346,114	11,609,828	7,492,392	970,481	-
From foreign transmission lines	1,772,791	824,972	-	-	-
Total net receipts (1)	16,007,082	20,508,325	xxx	xxx	xxx
From Canadian transmission lines	5,250,962	8,628,085	-	-	-
From storage	-	-	-	-	-
From distribution systems	1,284,881	527,201	-	-	-
Total gross receipts	22,542,925	29,663,611	7,492,392	970,481	15,893
<u>Natural gas delivered out of system</u>					
To distribution systems	8,638,217	10,712,055	12,736	-	15,893
To foreign transmission lines	5,809,884	8,538,333	-	951,668	-
To industrial consumers	7,895	22,481	22,481	-	-
To others	39	41	-	41	-
Total net deliveries (1)	14,456,035	19,272,910	xxx	xxx	xxx
To Canadian transmission lines	5,250,962	8,628,085	7,420,423	-	-
To storage	2,534,683	1,167,440	-	-	-
Redelivered to distribution systems	-	102,429	-	-	-
Total gross deliveries	22,241,680	29,170,864	7,455,640	951,709	15,893
Pipeline fuel	144,345	295,278	634	-	-
Pipeline losses and metering differences	69,360	123,466	-35,799	18,660	-
Line pack fluctuations	87,540	74,003	71,917	112	-
Total disposition of receipts	22,542,925	29,663,611	7,492,392	970,481	15,893

* 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

August, 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.
-	365,108	-	1,158,923	-	-	13,066	290,943	-	6,229,592
-	-	66,583	-	-	326,314	46,609	-	-	2,707,449
-	-	-	-	-	824,972	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	-	1,207,662	-	-	7,420,423	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	102,429	424,772	-	-	-	-
-	365,108	66,583	1,158,923	102,429	2,783,720	59,675	290,943	7,420,423	8,937,041
-	375,127	69,005	1,166,224	-	1,618,883	59,255	293,658	5,801,636	1,299,638
-	-	-	-	-	-	-	-	70,640	7,516,025
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	-	-	-	-	1,207,662	-
-	-	-	-	-	1,167,440	-	-	-	-
-	-	-	-	102,429	-	-	-	-	-
-	375,127	69,005	1,166,224	102,429	2,786,323	59,255	293,658	7,079,938	8,815,663
-	-	-	-	-	21,635	-	-	85,309	187,700
-	-10,019	-2,422	-7,301	-	-24,238	420	-2,725	191,340	-4,450
-	-	-	-	-	-	-	10	63,836	-61,872
-	365,108	66,583	1,158,923	102,429	2,783,720	59,675	290,943	7,420,423	8,937,041

August, 1960

TABLE 2

OPERATING STATISTICS BY COMPANY

	Canada	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* Sendout - daily average</u>				
August, 1960	621,707	240,504	30,700	513
Year to date, 1960	749,480	314,529	42,826	1,654
August, 1959	466,324	168,142	20,868	616
Year to date, 1959	584,503	186,656	40,789	1,586
<u>MCF* Sendout on peak day of month</u>				
August, 1960	xxx	308,449	43,972	1,039
August, 1959	xxx	202,636	29,504	1,043
<u>Gross receipts - MCF*</u>				
August, 1960	29,663,611	7,492,392	970,481	15,893
Year to date, 1960	287,225,678	76,422,736	10,515,916	403,557
August, 1959	22,542,925	5,267,124	666,780	19,066
Year to date, 1959	198,482,811	45,689,131	10,016,416	385,412
<u>Gross deliveries - MCF*</u>				
August, 1960	29,170,864	7,455,640	951,709	15,893
Year to date, 1960	283,959,346	76,744,965	10,449,532	403,557
August, 1959	22,241,680	5,212,385	646,889	19,066
Year to date, 1959	196,373,582	45,364,691	9,911,634	385,412
<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	\$			
4th quarter, 1960	\$			
Total to date	\$ 47,639,916	2,414,184	1,339,882	153,729
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.

August, 1960

OPERATING STATISTICS BY COMPANY

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 6,125 5,578	12,101 10,973 7,546 6,152	2,226 2,953 3,234 2,672	37,620 36,762 27,410 29,481	3,304 2,777 - -	52,222 ^{1/} 77,809 ^{1/} 29,782 ^{1/} 69,801 ^{1/}	1,911 3,075 1,702 3,172	9,473 9,811 9,760 9,767	228,385 304,297 163,616 184,461	284,376 296,837 196,910 231,533
- 9,379	13,687 9,813	2,420 3,820	42,694 38,856	3,823 -	111,286 37,487 ^r	2,808 2,325	10,773 10,649	289,137 200,540	293,522 222,224
- 2,097,829 189,844 1,355,385	365,108 2,636,656 225,682 1,473,504	66,583 687,159 98,502 647,009	1,158,923 9,028,117 855,328 7,192,404	102,429 677,519 - -	2,783,720 31,444,761 3,469,650 26,015,514	59,675 765,778 52,769 770,827	290,943 2,358,108 294,794 2,342,262	7,420,423 76,372,050 5,194,457 45,560,013	8,937,041 73,815,492 6,208,929 57,034,934
- 2,097,803 189,871 1,355,428	375,127 2,677,470 233,943 1,494,907	69,005 693,912 100,246 649,278	1,166,224 8,969,967 849,698 7,163,928	102,429 677,519 - -	2,786,323 31,423,592 3,457,936 25,817,513	59,255 750,349 52,769 770,827	293,658 2,393,993 302,578 2,373,322	7,079,938 74,248,547 5,072,076 44,824,017	8,815,663 72,428,140 6,104,223 56,262,625
918 132	19,875 23,019	11,042 8,253	55,654 46,601	6,000 6,000	4,538,655 2,252,653	83,468 49,119	70,185 59,540	12,137,695 10,858,803	6,867,457 6,637,052
1,050 349 180 296 756 1,581	42,894 13,906 15,657 12,688 21,802 64,053	19,295 12,282 9,295 11,026 10,482 43,085	102,255 57,571 48,108 44,827 60,734 211,240	12,000 - - - n.a. n.a.	6,791,308 3,647,890 2,209,187 1,600,890 3,195,623 10,653,590	132,587 93,400 54,351 45,751 75,441 268,943	129,725 64,793 53,539 53,355 66,239 237,926	22,996,498 7,376,707 6,351,180 5,985,343 9,875,698 29,588,928	13,504,509 6,167,479 5,440,720 4,885,855 5,900,385 22,394,439

^{1/} Calculation excludes deliveries to storage.
^r Revised.

TABLE 3

NATURAL GAS TRANSMISSION BY MONTH

January to August, 1960

MCF*

	Year to date		January	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system	66,237,558	51,149,071	8,630,074	8,136,012	8,963,748
From other gathering systems	116,432,419	80,736,528	17,796,715	16,401,484	17,565,867
From foreign transmission lines	4,030,810	8,318,882	-	-	-
Total net receipts	186,700,787	140,204,481	26,426,789	24,537,496	26,529,615
From Canadian transmission lines	87,970,303	45,483,627	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	5,812,208	4,734,884	9,565	27,787	115,097
Total gross receipts	287,225,678	198,482,811	41,315,493	38,518,249	41,287,247
<u>Natural gas delivered out of system</u>					
To distribution systems	112,050,925	83,628,066	18,648,586	17,264,267	18,711,126
To foreign transmission lines	67,913,823	56,027,885	8,473,024	8,201,864	8,544,313
To industrial consumers	48,988	63,158	-	13,528	11,375
To others	823	954	165	146	206
Total net deliveries	180,014,559	139,720,063	27,121,775	25,479,805	27,267,522
To Canadian transmission lines	87,970,303	45,483,627	12,811,569	11,762,731	12,291,925
To storage	12,438,302	8,855,795	-	-	-
Redelivered to distribution systems	3,536,182	2,314,097	811,509	1,008,672	1,105,127
Total gross deliveries	283,959,346	196,373,582	40,744,853	38,251,208	40,664,574
Pipeline fuel	2,668,245	1,374,991	377,140	357,486	371,108
Pipeline losses and metering differences	1,009,394	1,191,911	176,294	60,969	132,024
Line pack fluctuations	- 411,307	- 457,673	17,206	- 151,414	119,541
Total disposition of receipts	287,225,678	198,482,811	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.

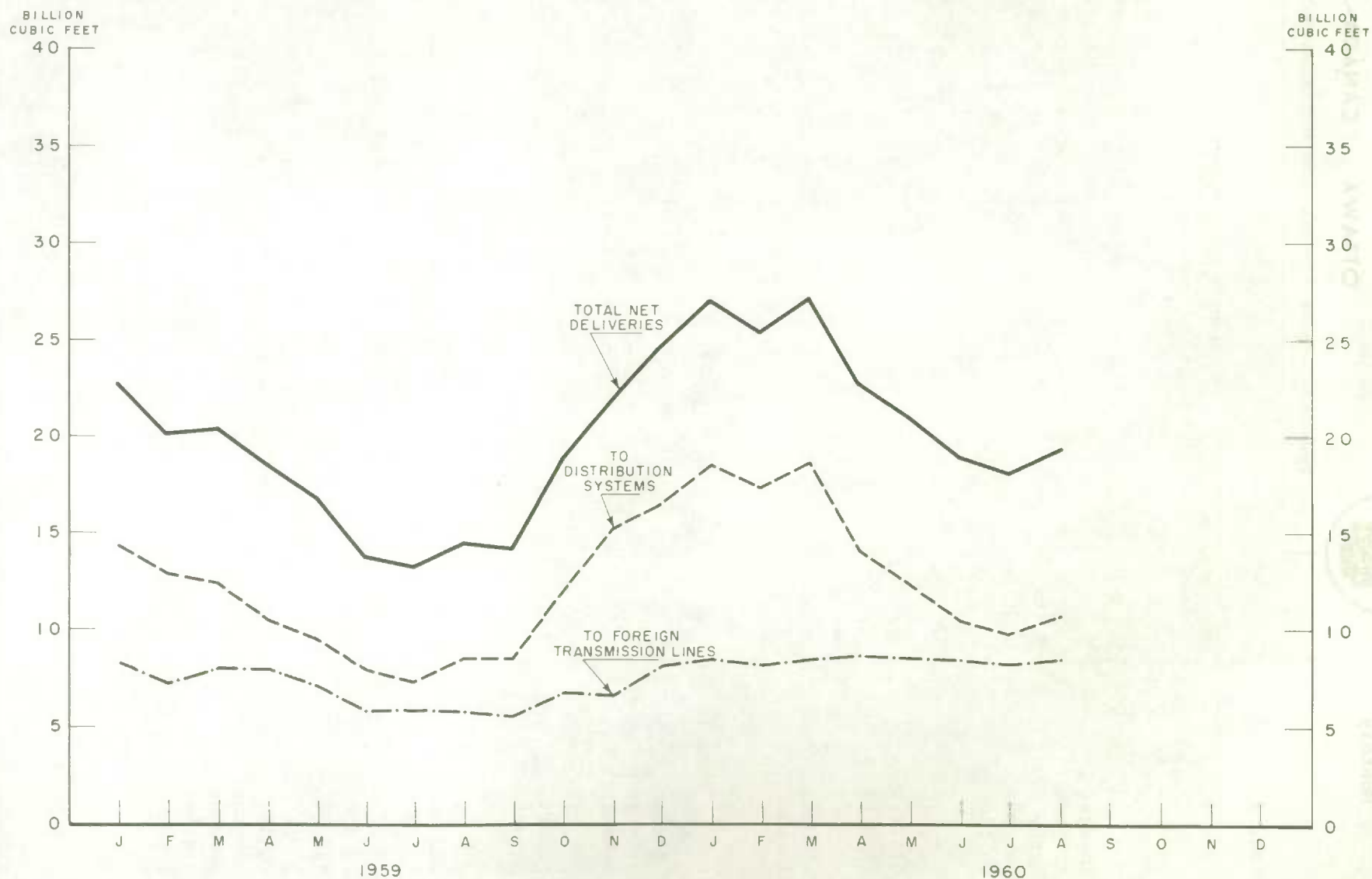
NATURAL GAS TRANSMISSION BY MONTH

January to August, 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				
14,582,286	13,657,983	12,631,389	12,186,867	11,609,828				
735,185	824,945	806,865	838,843	824,972				
23,810,371	23,040,683	21,270,326	20,577,182	20,508,325				
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085				
133,505	-	460	-	-				
671,769	1,374,136	1,459,246	1,627,407	527,201				
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611				
14,062,486	12,398,198	10,486,626	9,767,581	10,712,055				
8,717,725	8,652,816	8,460,935	8,324,211	8,538,333				
165	617	352	570	22,481				
116	77	44	28	41				
22,780,492	21,051,708	18,947,957	18,092,390	19,272,910				
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085				
1,325,749	2,783,535	3,424,649	3,736,929	1,167,440				
196,342	107,577	91,457	113,069	102,429				
35,377,930	34,997,735	32,828,880	31,923,302	29,170,864				
313,968	314,218	297,322	341,725	295,278				
145,767	139,989	86,582	144,303	123,466				
- 146,673	17,792	- 117,935	- 223,827	74,003				
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611				

NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960



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