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GAS PIPE LINE TRANSPORT

AUGUST, 1961

Canadian transmission lines increased their net deliveries of natural gas during August by 44.1 per cent to a total of 26,718,373 Mcf. from 18,537,691 Mcf. recorded one year earlier. Daily average sendout was 861,883 Mcf. per day compared with 597,990 Mcf. in August, 1960. For the nine months ended August 31, 1961, net deliveries increased 42.8 per cent to 256,001,471 Mcf. from 179,279,340 Mcf. Net deliveries for the twelve month period were 367,883,321 Mcf.

Exports increased 41.5 per cent this month to 12,085,446 Mcf. from 8,538,333 Mcf. in August 1960.

Alberta maintained the greatest share of receipts, 70.9 per cent, while the highest portion of provincial deliveries, 32.9 per cent, was made in British Columbia.

Total Mcf. miles amounted to 33.5 billion or 764 million ton miles.

Total pipeline fuel amounted to 837,277 Mcf. during August, while the line pack increased by 92,333 Mcf.

Peak day deliveries, uncompensated⁽¹⁾, amounted to 1,084,450 Mcf. while minimum deliveries of 784,954 Mcf. were some 27.6 per cent less.

Gas volumes used in this report are given at a common base so that one cubic foot of gas contains 1,000 British thermal units at 14.73 pounds per square inch absolute and at 60°F. One Mcf. equals 1,000 cubic feet.

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.

Monthly reports of "Sales of Manufactured and Natural Gas" include summary data of receipts and deliveries of natural gas by transmission and distribution systems combined.

(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
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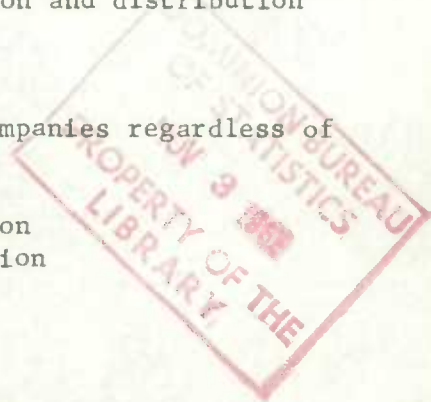


TABLE 1. Natural Gas Transmission by Company

August, 1961

Mcf.

No.		Total August 1960	Total August 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>					
1	From own gathering system or processing plants	8,073,525	9,202,012	-	-	-
2	From other gathering systems or processing plants	11,609,828	19,819,130	17,503,404	711,004	120,566
3	From foreign transmission lines	824,972	900,449	-	-	-
4	Total net receipts	20,508,325	29,921,591	...	...	...
5	From storage	-	8,696	-	-	-
6	Transfers from Canadian trans- mission systems	8,628,085	19,919,705	-	-	-
7	Returned to transmission systems by distribution systems for re-delivery.	527,201	2,614,714	-	-	-
8	Total gross receipts	29,663,611	52,464,706	17,503,404	711,004	120,566
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems	9,976,836	14,627,730	21,155	-	120,578
10	To foreign transmission lines	8,538,333	12,085,446	-	714,095	-
11	To industrial consumers	22,481	5,171	5,171	-	-
12	To others	41	26	-	26	-
13	Total net deliveries	18,537,691	26,718,373	...	...	...
14	To storage	1,902,659	4,615,877	-	-	-
15	Transfers to Canadian trans- mission systems	8,628,085	19,919,705	17,351,154	-	-
16	Re-delivered to distribution systems	102,429	90,350	-	-	-
17	Total gross deliveries	29,170,864	51,344,305	17,377,480	714,121	120,578
18	Pipeline fuel	295,278	837,277	192	-	-
19	Pipeline losses and metering differences	123,466	190,791	79,682	-2,899	-
20	Line pack fluctuations	74,003	92,333	46,050	-218	-12
21	Total disposition of gross receipts .	29,663,611	52,464,706	17,503,404	711,004	120,566

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

August, 1961

Mcf.

No.		British Columbia	Alberta	Saskatchewan
	<u>Receipts</u>			
1	From gathering systems or processing plants	7,800,095	21,209,559	-
2	From foreign transmission lines	-	1,095	-
3	Total	7,800,095	21,210,654	-
	<u>Deliveries</u>			
4	To distribution systems or consumers ..	1,478,139	1,900,554	227,904
5	To foreign transmission lines	7,315,369	714,149	-
6	Total	8,793,508	2,614,703	227,904

TABLE 1. Natural Gas Transmission by Company

August, 1961

Mcf.

Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
-	-	59,434	-	7,563,427	1,579,151	1
-	11,488	-	-	1,318,225	154,443	2
-	899,354	-	-	-	1,095	3
...	...	...	...	...	...	4
-	8,696	-	-	-	-	5
-	2,568,551	-	17,351,154	-	-	6
90,350	2,257,407	-	266,957	-	-	7
90,350	5,745,496	59,434	17,618,111	8,881,652	1,734,689	8
-	1,147,278	59,279	10,106,956	1,418,860	1,753,624	9
-	-	-	4,055,928	7,315,369	54	10
-	-	-	-	-	-	11
-	-	-	-	-	-	12
...	...	...	...	...	...	13
-	4,615,877	-	-	-	-	14
-	-	-	2,568,551	-	-	15
90,350	-	-	-	-	-	16
90,350	5,763,155	59,279	16,731,435	8,734,229	1,753,678	17
-	30,647	-	670,300	136,138	-	18
-	-48,306	155	162,273	18,595	-18,709	19
-	-	-	54,103	-7,310	-280	20
90,350	5,745,496	59,434	17,618,111	8,881,652	1,734,689	21

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

August, 1961

Mcf.

Manitoba	Ontario	Quebec	Total	No.
-	11,488	-	29,021,142	1
-	899,354	-	900,449	2
-	910,842	-	29,921,591	3
1,127,358	7,885,750	2,013,222	14,632,927	4
4,055,928	-	-	12,085,446	5
5,183,286	7,885,750	2,013,222	26,718,373	6

TABLE 3. Operating Statistics by Company

August, 1961

No.		Canada	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.	Niagara Gas Transmission Ltd.
	<u>Mcf. sendouts</u>					
	August, 1961					
1	Daily average	861,883	560,564	23,036	10,048	2,915
2	Maximum day	1,084,450(1)	607,402(2)	30,002	18,094	3,152
3	Minimum day	784,954(1)	488,293(2)	11,585	4,820	2,579
	August, 1960					
4	Daily average	597,990	240,504	30,700	-	3,304
5	Maximum day	815,161(1)	308,449(2)	43,972	-	3,823
	Year to date, 1961					
6	Daily average	1,053,504	543,129	39,585	23,221	2,342
	Year to date, 1960					
7	Daily average	737,775	314,529	42,826	16,518	2,777
	<u>Mcf. Miles</u>					
8	August, 1961..... (000's miles)	33,455,623	2,916,051	10,728	102,808	40
	<u>Line Pack</u>					
9	Beginning of month Mcf.	4,738,584	560,207	3,797	192	..
10	End of month Mcf.	4,830,917	606,257	3,579	180	..
11	Net fluctuation Mcf.	92,333	46,050	-218	-12	..
	<u>Operating revenues</u>					
12	1st quarter, 1961 \$	36,802,443	1,992,882	707,759	1,760	24,000
13	2nd quarter, 1961 \$	32,983,637	1,755,838	596,622	713	24,000
14	3rd quarter, 1961 \$					
15	4th quarter, 1961 \$					
16	Total to date \$	69,786,080	3,748,720	1,304,381	2,473	48,000
17	1st quarter, 1960 \$	25,996,622	1,352,975	758,129	918	6,000
18	2nd quarter, 1960 \$	21,643,294	1,061,209	581,753	132	6,000
19	3rd quarter, 1960 \$	20,431,152	1,737,253	442,014	-	6,000
20	4th quarter, 1960 \$	30,012,591	1,785,869	726,913	813	6,000
21	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.

TABLE 3. Operating Statistics by Company

August, 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	No.
37,009	1,912	539,723	281,749	56,570	1
55,108	2,283	600,576	306,149	69,086	2
16,911	1,601	471,164	239,548	36,746	3
28,505	1,911	228,385	284,376	61,933	4
111,286	2,808	289,137	293,522	70,613	5
99,230	3,567	579,884	319,264	63,960	6
74,795	3,075	304,297	296,837	62,153	7
..	951	23,900,203	5,953,127	571,710	8
110,000	..	3,094,216	955,581	14,591	9
110,000	..	3,148,319	948,271	14,311	10
-	..	54,103	-7,310	-280	11
5,496,305	95,556	19,970,458	8,257,869	255,854	12
3,702,605	61,301	18,795,813	7,839,281	207,464	13
					14
					15
9,198,910	156,857	38,766,271	16,097,150	463,318	16
4,538,655	83,468	12,137,695	6,867,457	251,325	17
2,252,653	49,119	10,858,803	6,637,052	196,573	18
1,644,348	47,736	9,975,649	6,394,914	183,238	19
3,680,802	80,927	16,184,359	7,347,994	198,914	20
12,116,458	261,250	49,156,506	27,247,417	830,050	21

TABLE 4. Natural Gas Transmission by Month

No.		Year to date		January	February	March
		1960	1961			
	<u>Natural gas received into transmission systems</u>					
1	From own gathering system or other processing plants	66,237,558	78,740,943	10,214,953	9,826,133	11,374,343
2	From other gathering systems or processing plants	116,432,419	177,843,672	27,378,303	25,070,481	25,556,307
3	From foreign transmission lines	4,030,810	4,128,279	10,208	8,671	7,719
4	Total net receipts	186,700,787	260,712,894	37,603,464	34,905,285	36,938,369
5	From storage	6,742,380	16,260,235	5,071,021	2,947,163	3,037,551
6	Transfers from Canadian transmission systems	87,970,303	158,625,389	20,729,798	19,997,934	22,021,273
7	Returned to transmission systems by distribution systems for re-delivery	5,812,208	9,766,989	409,895	329,840	332,563
8	Total gross receipts	287,225,678	445,365,507	63,814,178	58,180,222	62,329,756
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems	111,315,706	144,205,886	24,707,148	20,679,907	21,520,661
10	To foreign transmission lines	67,913,823	111,766,549	15,023,211	14,283,852	15,787,681
11	To industrial consumers	48,988	28,258	-	630	4,677
12	To others	823	778	163	178	141
13	Total net deliveries	179,279,340	256,001,471	39,730,522	34,964,567	37,313,160
14	To storage	13,173,521	18,106,324	-	803,723	1,397,462
15	Transfers to Canadian transmission systems	87,970,303	158,625,389	20,729,798	19,997,934	22,021,273
16	Re-delivered to distribution systems	3,536,182	4,157,577	2,169,055	924,000	574,131
17	Total gross deliveries	283,959,346	436,890,761	62,629,375	56,690,224	61,306,026
18	Pipeline fuel	2,668,245	6,745,955	937,806	977,756	1,015,409
19	Pipeline losses and metering differences	1,009,394	1,722,121	120,648	106,846	175,409
20	Line pack fluctuations	-411,307	6,670	126,349	405,396	-167,088
21	Total disposition of gross receipts	287,225,678	445,365,507	63,814,178	58,180,222	62,329,756

TABLE 4. Natural Gas Transmission by Month

Mcf.									No.
April	May	June	July	August	September	October	November	December	
10,720,815	10,190,148	8,611,148	8,601,391	9,202,012					1
23,113,413	21,211,882	18,553,673	17,140,483	19,819,130					2
703,111	772,582	827,004	898,535	900,449					3
34,537,339	32,174,612	27,991,825	26,640,409	29,921,591					4
1,685,359	1,019,486	1,105,848	1,385,111	8,696					5
20,963,700	19,313,804	17,945,451	17,733,724	19,919,705					6
571,984	1,385,343	2,102,051	2,020,599	2,614,714					7
57,758,382	53,893,245	49,145,175	47,779,843	52,464,706					8
19,456,192	16,806,394	13,909,130	12,498,724	14,627,730					9
13,970,471	14,459,312	13,187,296	12,969,280	12,085,446					10
2,337	5,167	4,988	5,288	5,171					11
113	83	40	34	26					12
33,429,113	31,270,956	27,101,454	25,473,326	26,718,373					13
1,798,821	2,736,603	3,322,353	3,431,485	4,615,877					14
20,963,700	19,313,804	17,945,451	17,733,724	19,919,705					15
111,307	106,192	94,933	87,609	90,350					16
56,302,941	53,427,555	48,464,191	46,726,144	51,344,305					17
940,358	729,260	696,863	611,226	837,277					18
310,830	225,080	256,415	336,102	190,791					19
204,253	-488,650	-272,294	106,371	92,333					20
57,758,382	53,893,245	49,145,175	47,779,843	52,464,706					21

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GAS PIPE LINE TRANSPORT 1959-61

