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GAS PIPE LINE TRANSPORT

JULY, 1961

Net deliveries of natural gas through Canadian pipe lines totalled 25,473,326 Mcf. during July, up 40.8 per cent from the total of 18,092,390 Mcf. reported in July, 1960. Daily average sendout was 821,718 Mcf. as compared with 583,625 Mcf. Peak day deliveries, uncompensated(1), amounted to 1,166,771 Mcf. while the minimum day deliveries of 630,125 Mcf. were some 46.0 per cent less. Exports increased 55.8 per cent to 12,969,280 Mcf. from 8,324,211 Mcf. in the previous year. Net deliveries for the twelve month period ending July 31, 1961 were 359,702,639 Mcf.

Alberta continued to account for the highest share of provincial receipts, 68.2 per cent, while the greatest portion of deliveries, 34.1 per cent, was made in British Columbia.

Total Mcf. miles (not including Ontario Natural Gas Storage and Pipelines Ltd., calculations of which are not available due to the complexity of their operations) amounted to 26.8 billion or 611 million ton miles.

Total pipeline fuel amounted to 611,226 Mcf. during July while the line pack increased by 106,371 Mcf.

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
Public Finance and Transportation Division

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TABLE 1. Natural Gas Transmission by Company

July, 1961

Mcf.

No.		Total July 1960	Total July 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	7,551,472	8,601,391	-	-	-
2	From other gathering systems or processing plants	12,186,867	17,140,483	14,688,463	734,779	125,959
3	From foreign transmission lines	838,843	898,535	-	-	-
4	Total net receipts	20,577,182	26,640,409	...	...	...
5	From storage	-	1,385,111	-	-	-
6	Transfers from Canadian trans- mission systems	9,980,914	17,733,724	-	-	-
7	Returned to transmission systems by distribution systems for re-delivery.	1,627,407	2,020,599	-	-	-
8	Total gross receipts	32,185,503	47,779,843	14,688,463	734,779	125,959
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems	9,767,581	12,498,724	19,150	-	125,939
10	To foreign transmission lines	8,324,211	12,969,280	-	733,371	-
11	To industrial consumers	570	5,288	5,288	-	-
12	To others	28	34	-	34	-
13	Total net deliveries	18,092,390	25,473,326	...	...	...
14	To storage	3,736,929	3,431,485	-	-	-
15	Transfers to Canadian trans- mission systems	9,980,914	17,733,724	14,672,794	-	-
16	Re-delivered to distribution systems	113,069	87,609	-	-	-
17	Total gross deliveries	31,923,302	46,726,144	14,697,232	733,605	125,939
18	Pipeline fuel	341,725	611,226	196	-	-
19	Pipeline losses and metering differences	144,303	336,102	35,520	859	-
20	Line pack fluctuations	- 223,827	106,371	- 44,485	315	20
21	Total disposition of gross receipts .	32,185,503	47,779,843	14,688,463	734,779	125,959

... Figures not appropriate or not applicable.

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

July, 1961

Mcf.

No.		British Columbia	Alberta	Saskatchewan
	<u>Receipts</u>			
1	From gathering systems or processing plants	7,555,112	18,174,717	-
2	From foreign transmission lines	-	1,091	-
3	Total	7,555,112	18,175,808	-
	<u>Deliveries</u>			
4	To distribution systems or consumers ..	1,451,541	1,344,226	342,333
5	To foreign transmission lines	7,234,291	733,631	-
6	Total	8,685,832	2,077,857	342,333

TABLE 1. Natural Gas Transmission by Company

July, 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.
-	-	60,792	-	7,273,821	1,266,778	1
-	12,045	-	-	1,535,727	43,510	2
-	897,444	-	-	-	1,091	3
...	...	...	...	...	...	4
-	1,385,111	-	-	-	-	5
-	1,699,967	-	16,033,757	-	-	6
87,609	1,676,201	-	256,789	-	-	7
87,609	5,670,768	60,792	16,290,546	8,809,548	1,311,379	8
-	863,160	58,584	8,719,180	1,392,957	1,319,754	9
-	-	-	5,001,358	7,234,291	60	10
-	-	-	-	-	-	11
-	-	-	-	-	-	12
...	...	...	...	...	...	13
-	3,431,485	-	-	-	-	14
-	1,360,963	-	1,699,967	-	-	15
87,609	-	-	-	-	-	16
87,609	5,655,608	58,584	15,420,505	8,627,248	1,319,814	17
-	24,903	-	445,852	140,275	-	18
-	- 9,743	2,208	318,388	- 2,724	- 8,406	19
-	-	-	105,801	44,749	- 29	20
87,609	5,670,768	60,792	16,290,546	8,809,548	1,311,379	21

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

July, 1961

Mcf.

Manitoba	Ontario	Quebec	Total	No.
-	12,045	-	25,741,874	1
-	897,444	-	898,535	2
-	909,489	-	26,640,409	3
692,812	6,780,389	1,892,745	12,504,046	4
5,001,358	-	-	12,969,280	5
5,694,170	6,780,389	1,892,745	25,473,326	6

TABLE 3. Operating Statistics by Company

July, 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>					
	July, 1961					
1	Daily average	821,718	474,104	26,665	4,063	2,826
2	Maximum day	1,166,771(1)	600,840(2)	40,385	9,329	3,151
3	Minimum day	630,125(1)	251,302(2)	-	3,562	2,571
	July, 1960					
4	Daily average	583,625	267,833	29,230	-	3,647
5	Maximum day	731,270(1)	303,920(2)	32,902	-	3,765
	Year to date, 1961					
6	Daily average	1,081,523	540,480	42,005	23,966	2,259
	Year to date, 1960					
7	Daily average	758,215	305,302	44,590	16,518	2,700
	<u>Mcf. Miles</u>					
8	July, 1961 (000's miles)	26,814,685	2,426,030	11,337	107,380	51
	<u>Line Pack</u>					
9	Beginning of month Mcf.	4,631,653	604,692	3,482	172	-
10	End of month Mcf.	4,738,024	560,207	3,797	192	-
11	Net fluctuation Mcf.	106,371	-44,485	315	20	-
	<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

July, 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.
71,746	1,890	497,436	278,298	42,573	1
137,679	2,178	587,398	319,736	66,915	2
18,569	1,635	334,925	244,730	24,133	3
21,753	1,739	262,231	276,165	47,234	4
28,788	2,151	298,944	299,908	64,812	5
108,329	3,804	585,757	324,750	65,049	6
81,532	3,245	315,346	298,650	62,190	7
..	973	18,409,687	5,575,198	284,027	8
110,000	-	2,988,415	910,832	14,060	9
110,000	-	3,094,216	955,581	14,031	10
-	-	105,801	44,749	-29	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

July, 1961

Mcf.

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	58,164,033	69,538,931	10,214,953	9,826,133	11,374,343
2	From other gathering systems or processing plants	104,822,591	158,024,542	27,378,303	25,070,481	25,556,307
3	From foreign transmission lines	3,205,838	3,227,830	10,208	8,671	7,719
4	Total net receipts	166,192,462	230,791,303	37,603,464	34,905,285	36,938,369
5	From storage	6,742,380	16,251,539	5,071,021	2,947,163	3,037,551
6	Transfers from Canadian transmission systems	79,342,218	138,705,684	20,729,798	19,997,934	22,021,273
7	Returned to transmission systems by distribution systems for re-delivery	5,285,007	7,152,275	409,895	329,840	332,563
8	Total gross receipts	257,562,067	392,900,801	63,814,178	58,180,222	62,329,756
<u>Natural gas delivered out of transmission systems</u>						
9	To distribution systems	101,338,870	129,578,156	24,707,148	20,679,907	21,520,661
10	To foreign transmission lines	59,375,490	99,681,103	15,023,211	14,283,852	15,787,681
11	To industrial consumers	26,507	23,087	-	630	4,677
12	To others	782	752	163	178	141
13	Total net deliveries	160,741,649	229,283,098	39,730,522	34,964,567	37,313,160
14	To storage	11,270,862	13,490,447	-	803,723	1,397,462
15	Transfers to Canadian transmission systems	79,342,218	138,705,684	20,729,798	19,997,934	22,021,273
16	Re-delivered to distribution systems	3,433,753	4,067,227	2,169,055	924,000	574,131
17	Total gross deliveries	254,788,482	385,546,456	62,629,375	56,690,224	61,306,026
18	Pipeline fuel	2,372,967	5,908,678	937,806	977,756	1,015,409
19	Pipeline losses and metering differences	885,928	1,531,330	120,648	106,846	175,409
20	Line pack fluctuations	-485,310	-85,663	126,349	405,396	-167,085
21	Total disposition of gross receipts	257,562,067	392,900,801	63,814,178	58,180,222	62,329,756

TABLE 4. Natural Gas Transmission by Month

July, 1961

Mcf.

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



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GAS PIPE LINE TRANSPORT 1959-61

