

CATALOGUE No.

55-002

MONTHLY

*Historical File Copy*

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Vol. 3, No. 11

Price: \$2.00 per year

## GAS PIPE LINE TRANSPORT

NOVEMBER, 1961

Canadian transmission lines increased their net deliveries of natural gas during November by 16.6 per cent to a total of 36,126,884 Mcf. from 30,992,998 Mcf. recorded one year earlier. Daily average sendout was 1,204,230 Mcf. per day compared with 1,033,100 Mcf. in November, 1960. For the nine months ended November 30, 1961 net deliveries increased 37.9 per cent to 349,375,636 Mcf. from 253,387,144 Mcf. Net deliveries for the twelve month period were 387,438,205 Mcf.

Exports of 12,982,810 Mcf. showed an increase of 7.6 per cent as compared with 12,068,064 Mcf reported in November, 1960.

Alberta maintained 75.2 per cent of the receipts with 28,207,841 Mcf. while the greater share of provincial deliveries, 33.6 per cent, was made in Ontario.

Total Mcf. miles amounted to 37.5 billion or 856 million ton miles.

Total pipeline fuel amounted to 1,205,397 Mcf. during November, while the line pack increased by 743,450 Mcf. reflecting the first movements of gas in the "foothills division" of Alberta Gas Truck Line Co. Ltd.

Peak day deliveries, uncompensated(1), amounted to 1,535,480 Mcf. and minimum deliveries of 1,048,855 Mcf. were some 31.7 per cent less.

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 Utilities (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

8506-503-111

- 2 -

TABLE 1. Natural Gas Transmission by Company

November, 1961

Mcf.

No.		Total November 1960	Total November 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 .....	8,685,009	10,670,304	-	-	-
2	From other gathering systems or processing plants .....	21,178,120	26,843,121	21,048,604	1,503,410	1,383,147
3	From foreign transmission lines .....	-	9,788	-	-	-
4	Total net receipts .....	29,863,129	37,523,213	...	...	...
5	From storage .....	1,658,836	670,845	-	-	-
6	Transfers from Canadian trans- mission systems .....	16,168,769	22,989,919	-	-	-
7	Returned to transmission systems by distribution systems for re-delivery.	113,499	685,878	-	-	-
8	Total gross receipts .....	47,804,233	61,869,855	21,048,604	1,503,410	1,383,147
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems .....	18,907,483	23,085,249	147,152	-	1,383,171
10	To foreign transmission lines .....	12,068,064	12,982,810	-	1,468,250	-
11	To industrial consumers .....	17,309	58,713	58,713	-	-
12	To others .....	142	112	-	112	-
13	Total net deliveries .....	30,992,998	36,126,884	...	...	...
14	To storage .....	16,137	473,825	-	-	-
15	Transfers to Canadian trans- mission systems .....	16,168,769	22,989,919	20,214,967	-	-
16	Re-delivered to distribution systems .....	404,849	127,281	-	-	-
17	Total gross deliveries .....	47,582,753	59,717,909	20,420,832	1,468,362	1,383,171
18	Pipeline fuel .....	483,271	1,205,397	3,489	-	-
19	Pipeline losses and metering differences .....	57,800	203,099	- 192,010	35,076	-
20	Line pack fluctuations .....	- 319,591	743,450	816,293	- 28	- 24
21	Total disposition of gross receipts .	47,804,233	61,869,855	21,048,604	1,503,410	1,383,147

... Figures not appropriate or not applicable.

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

Mcf.

No.		British Columbia	Alberta	Saskatchewan
	<u>Receipts</u>			
1	From gathering systems or processing plants .....	8,740,333	28,198,053	-
2	From foreign transmission lines .....	-	9,788	-
3	Total .....	8,740,333	28,207,841	-
	<u>Deliveries</u>			
4	To distribution systems or consumers ..	3,548,458	2,426,303	1,662,758
5	To foreign transmission lines .....	6,882,330	1,468,586	-
6	Total .....	10,430,788	3,894,889	1,662,758

TABLE 1. Natural Gas Transmission by Company

November, 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.
-	-	157,167	-	8,432,893	2,080,244	1
-	575,039	-	-	2,202,429	130,492	2
-	-	-	-	-	9,788	3
...	...	...	...	...	...	4
-	670,845	-	-	-	-	5
-	2,774,952	-	20,025,402	-	189,565	6
127,281	-	-	558,597	-	-	7
127,281	4,020,836	157,167	20,583,999	10,635,322	2,410,089	8
-	3,547,313	154,553	12,238,829	3,393,905	2,220,326	9
-	-	-	4,631,894	6,882,330	336	10
-	-	-	-	-	-	11
-	-	-	-	-	-	12
...	...	...	...	...	...	13
-	473,825	-	-	-	-	14
-	-	-	2,774,952	-	-	15
127,281	-	-	-	-	-	16
127,281	4,021,138	154,553	19,645,675	10,276,235	2,220,662	17
-	8,933	-	880,670	312,305	-	18
-	- 9,235	2,614	156,055	21,394	189,205	19
-	-	-	- 98,401	25,388	222	20
127,281	4,020,836	157,167	20,583,999	10,635,322	2,410,089	21

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

Mcf.

Manitoba	Ontario	Quebec	Total	No.
-	575,039	-	37,513,425	1
-	-	-	9,788	2
-	575,039	-	37,523,213	3
1,671,392	12,122,546	1,712,617	23,144,074	4
4,631,894	-	-	12,982,810	5
6,303,286	12,122,546	1,712,617	36,126,884	6

TABLE 3. Operating Statistics by Company  
November, 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>					
	November, 1961					
1	Daily average .....	1,204,230	680,694	48,945	46,106	4,243
2	Maximum day .....	1,535,480(1)	770,761(2)	58,658	61,273	4,671
3	Minimum day .....	1,048,855(1)	571,654(2)	41,230	40,513	3,570
	November, 1960					
4	Daily average .....	1,033,100	517,362	52,145	22,045	3,783
5	Maximum day .....	1,304,661(1)	551,441(2)	54,622	40,456	6,462
	Year to date, 1961					
6	Daily average .....	1,046,035	595,655	39,348	24,132	2,720
	Year to date, 1960					
7	Daily average .....	756,380	340,311	43,247	17,291	3,061
8	<u>Mcf. Miles</u> ..... (000's miles)	37,540,490	3,579,199	23,496	1,179	75
	<u>Line Pack</u>					
9	Beginning of month ..... Mcf.	4,995,187	597,685	4,677	156	..
10	End of month ..... Mcf.	5,738,637	1,413,978	4,649	132	..
11	Net fluctuation ..... Mcf.	743,450	816,293	-28	-24	..
	<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 ..... \$	31,072,091	2,552,129	373,266	387	24,000
15	4th quarter, 1961 ..... \$					
16	Total to date ..... \$	100,858,171	6,300,849	1,677,647	2,860	72,000
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

November, 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.
118,244	5,152	654,856	342,541	74,022	1
226,667	8,304	721,384	370,367	84,156	2
58,690	3,689	555,219	292,752	53,192	3
102,439	4,434	510,707	297,257	75,382	4
215,227	6,490	573,362	326,560	81,482	5
96,490	3,674	581,928	320,574	65,847	6
72,325	3,161	328,868	294,479	63,952	7
257,689	2,045	27,159,757	6,443,634	73,415	8
110,000	..	3,406,193	862,239	14,237	9
110,000	..	3,307,792	887,627	14,459	10
-	..	-98,401	25,388	222	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
2,770,663	52,474	17,530,908	7,588,778	179,486	14
11,969,573	209,331	56,297,179	23,685,928	642,804	15
4,538,655	83,468	12,137,695	6,867,457	251,325	16
2,252,653	49,119	10,858,803	6,637,052	196,573	17
1,644,348	47,736	9,975,649	6,394,914	183,238	18
3,680,802	80,927	16,184,359	7,347,994	198,914	19
12,116,458	261,250	49,156,506	27,247,417	830,050	20
					21

TABLE 4. Natural Gas Transmission by Month

January - November, 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 .....	91,522,182	109,002,371	10,214,953	9,826,133	11,374,343
2	From other gathering systems or processing plants .....	167,983,640	248,902,800	27,378,303	25,070,481	25,556,307
3	From foreign transmission lines .....	5,476,580	5,468,171	10,208	8,671	7,719
4	Total net receipts .....	264,982,402	363,373,342	37,603,464	34,905,285	36,938,369
5	From storage .....	8,473,362	16,931,080	5,071,021	2,947,163	3,037,551
6	Transfers from Canadian transmission systems .....	130,115,110	224,070,731	20,729,798	19,997,934	22,021,273
7	Returned to transmission systems by distribution systems for re-delivery .....	6,159,967	11,234,991	409,895	329,840	332,563
8	Total gross receipts .....	409,730,841	615,610,144	63,814,178	58,180,222	62,329,756
<u>Natural gas delivered out of transmission systems</u>						
9	To distribution systems .....	154,969,955	200,137,057	24,707,148	20,679,907	21,520,661
10	To foreign transmission lines .....	98,338,888	149,140,787	15,023,211	14,283,852	15,787,681
11	To industrial consumers .....	77,234	96,758	-	630	4,677
12	To others .....	1,067	1,034	163	178	141
13	Total net deliveries .....	253,387,144	349,375,636	39,730,522	34,964,567	37,313,160
14	To storage .....	16,850,422	23,997,144	-	803,723	1,397,462
15	Transfers to Canadian transmission systems .....	130,115,110	224,070,731	20,729,798	19,997,934	22,021,273
16	Re-delivered to distribution systems .....	4,324,764	4,496,790	2,169,055	924,000	574,131
17	Total gross deliveries .....	404,677,440	601,940,301	62,629,375	56,690,224	61,306,026
18	Pipeline fuel .....	3,871,126	9,781,731	937,806	977,756	1,015,409
19	Pipeline losses and metering differences .....	1,257,361	2,973,722	120,648	106,846	175,409
20	Line pack fluctuations .....	- 75,086	914,390	126,349	405,396	- 167,088
21	Total disposition of gross receipts .....	409,730,841	615,610,144	63,814,178	58,180,222	62,329,756

† Revised.

TABLE 4. Natural Gas Transmission by Month

January - November, 1961

Mcf.

April	May	June	July	August	September	October	November	December	No.
10,720,815	10,190,148	8,611,148	8,601,391	9,202,012	9,692,837	9,898,287	10,670,304		1
23,113,413	21,211,882	18,553,673	17,140,483	19,819,130	20,236,229	23,979,778	26,843,121		2
703,111	772,582	827,004	898,535	900,449	798,627	531,477	9,788		3
34,537,339	32,174,612	27,991,825	26,640,409	29,921,591	30,727,693	34,409,542	37,523,213		4
1,685,359	1,019,486	1,105,848	1,385,111	8,696	-	-	670,845		5
20,963,700	19,313,804	17,945,451	17,733,724	19,919,705	20,468,920	21,986,503	22,989,919		6
571,984	1,385,343	2,102,051	2,020,599	2,614,714	343,856	438,268	685,878		7
57,758,382	53,893,245	49,145,175	47,779,843	52,464,706	51,540,469	56,834,313	61,869,855		8
19,456,192	16,806,394	13,909,130	12,498,724	14,627,730	14,487,124	18,358,798	23,085,249		9
13,970,471	14,459,312	13,187,296	12,969,280	12,085,446	12,030,665	12,360,763	12,982,810		10
2,337	5,167	4,988	5,288	5,171	4,573	5,214	58,713		11
113	83	40	34	26	57	87	112		12
33,429,113	31,270,956	27,101,454	25,473,326	26,718,373	26,522,419	30,724,862	36,126,884		13
1,798,821	2,736,603	3,322,353	3,431,485	4,615,877	3,189,439	2,227,556	473,825		14
20,963,700	19,313,804	17,945,451	17,733,724	19,919,705	20,468,920	21,986,503	22,989,919		15
111,307	106,192	94,933	87,609	90,350	95,718	116,214	127,281		16
56,302,941	53,427,555	48,464,191	46,726,144	51,344,305	50,276,496	55,055,135	59,717,909		17
940,358	729,260	696,863	611,226	837,277	786,658	1,043,721	1,205,397		18
310,830	225,080	256,415	336,102	190,791	473,475	575,027	203,099		19
204,253	-488,650	-272,294	106,371	92,333	3,840	160,430	743,450		20
57,758,382	53,893,245	49,145,175	47,779,843	52,464,706	51,540,469	56,834,313	61,869,855		21



1010535597

# GAS PIPE LINE TRANSPORT 1959-61

