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GAS UTILITIES

(Transport and Distribution Systems)

NOVEMBER 1962

For November 1962 gas utilities received from field gathering systems and processing plants 72.1 million Mcf. of natural gas, 51.2 million Mcf. of which was received by transport systems and 20.9 million Mcf. received by the distribution systems. Natural gas received from storage amounted to 3.3 million Mcf. The total supply of gas utilities amounted to 75.4 million Mcf., an increase of 35.3 per cent over November 1961. Of the total supply, 37.4 million Mcf. was sold to ultimate customers in Canada, an increase of 7.1 per cent, and export amounted to 32.2 million Mcf., an increase of 148.4 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, B.T.U. adjustments, line pack changes and small deliveries to storage. Transport systems delivered 23.4 million Mcf. to distribution systems, an increase of 3.0 per cent over last year.

For the twelve-month period ended November 1962 exports totalled 352 million Mcf., and net deliveries 772 million Mcf.

Line pack changes included changes in the transport systems as well as certain changes in the transmission lines of the distribution systems. The changes in line pack of the transport systems are given separately in Table 3.

The transport systems which represent vitually all of the major "inter-city" movements of natural gas had traffic amounting to 45.6 billion commodity (Mcf.) miles during November compared with 37.5 billion for the same period last year. Ton miles totalled 1,039 million for November 1962. The daily average deliveries of gas utilities amounted to 2.3 million Mcf./day.

Revenue for the natural gas utilities for the month was \$31,864,205 and for manufactured and liquefied petroleum gases systems was \$239,665 giving a combined utilities total of \$32,103,870.

For the eleven-month period January to November 1962, net receipts totalled 711 million Mcf. compared with 504 million Mcf. last year; total net deliveries amounted to 704 million Mcf. compared with 483 million Mcf. for the same eleven months in 1961.

Volumes in this report are given in thousands of standard cubic feet (Mcf.) at 14.73 pounds per square inch absolute, and 60°F; sales volumes are given in thousands of standard cubic feet containing 1,000 B.T.U. per cubic foot.

Prepared in the Public Utilities Section  
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April 1963  
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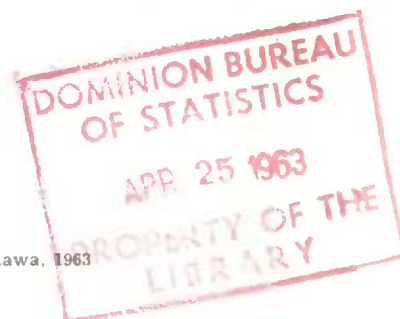


TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1962

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
	Receipts from fields or processing plants:			
1	By transport systems .....	-	-	-
2	By distribution systems .....	9,277	-	1,719,883
3	Totals .....	9,277	-	1,719,883
4	Imports .....	-	-	-
5	Other receipts .....	-	-	-
6	Total net receipts .....	9,277	-	1,719,883
7	Received from storage .....	-	-	3,079,668
8	Total supply of gas utilities .....	9,277	-	4,799,551
	Transfers:			
9	Interprovincial .....	-	2,328,890	14,203,676
10	Other .....	-	2,325,208	19,096,852
11	Total gross receipts .....	9,277	4,654,098	38,100,079
	<u>Disposition</u>			
	Sales:			
12	Residential .....	5,810	693,158	5,066,516
13	Industrial .....	-	1,313,422	7,248,405
14	Commercial .....	1,400	174,696	1,803,598
15	Total sales .....	7,210	2,181,276	14,118,519
16	Exports .....	-	-	79,631
17	Other deliveries .....	-	-	152
18	Total net deliveries .....	7,210	2,181,276	14,198,302
19	Delivered to storage .....	-	-	-
	Transfers:			
20	Interprovincial .....	-	-	2,328,890
21	Transport to distribution .....	-	2,328,890	13,763,826
22	Other .....	-	-	5,340,027
23	Total gross deliveries .....	7,210	4,510,166	35,631,045
24	Line pack fluctuation .....	-	1,800	36,545
25	Gas used in system(1) .....	-	58,362	707,111
26	Adjustments (B.T.U.) .....	-	-	-
27	Line losses and unaccounted for .....	2,067	83,770	1,725,378
28	Total disposition .....	9,277	4,654,098	38,100,079

(1) Includes estimated figures.

TABLE I. Receipts and Disposition of Natural Gas Utilities by Province

November 1962

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	November 1961		No.
					Canada		
Mcf.							
-	-	41,095,063	10,109,598	51,204,661	36,010,015		1
-	2,666,999	16,452,314	45,751	20,894,224	18,771,894		2
-	2,666,999	57,547,377	10,155,349	72,098,885	54,781,909		3
-	-	7,536	-	7,536	9,788		4
-	-	-	-	-	2,958		5
-	2,666,999	57,554,913	10,155,349	72,106,421	54,794,655		6
-	-	182,708	-	3,262,376	917,203		7
-	2,666,999	57,737,621	10,155,349	75,368,797	55,711,858		8
22,059,180	23,106,479	-	18,171,201	-	-		9
2,026,946	2,030,211	5,124,034	3,471,792	34,075,043	28,792,710		10
24,086,126	27,803,689	62,861,655	31,798,342	109,443,840	84,504,568		11
741,631	926,367	3,196,344	1,338,453	11,968,279	11,554,008		12
496,393	1,500,359	7,630,938	1,523,911	19,713,428	17,546,699		13
427,611	429,202	2,473,863	402,867	5,713,237	5,820,746		14
1,665,635	2,855,928	13,301,145	3,265,231	37,394,944	34,921,453		15
5,573,325	-	2,522,134	24,066,348	32,241,438	12,982,810		16
-	-	35,700	-	35,852	58,825		17
7,238,960	2,855,928	15,858,979	27,331,579	69,672,234	47,963,088		18
-	7,970	3,481	-	11,451	642,069		19
14,203,676	22,059,180	41,277,680	-	-	-		20
2,032,179	1,432,885	232,485	3,582,203	23,372,468	22,678,467		21
-	646,640	4,879,745	48,356	10,914,768	6,053,837		22
23,474,815	27,002,603	62,252,370	30,962,138	103,970,921	77,337,461		23
-	8,343	84,294	- 5,466	125,516	770,190		24
250,000	293,192	73,967	297,147	1,679,779	1,395,150		25
-	-	- 1,142,201	-	- 1,142,201			26
361,311	499,551	1,593,225	544,523	4,809,825	5,001,767		27
24,086,126	27,803,689	62,861,655	31,798,342	109,443,840	84,504,568		28

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

November 1962

No.		January	February	March	April	May	
		Mcf.					
	<u>Receipts</u>						
	Receipts from fields or processing plants:						
1	By transport systems .....	51,192,931	48,073,283	50,556,681	43,786,955	44,676,443	
2	By distribution systems .....	23,621,890	21,140,018	22,301,593	16,915,252	15,419,502	
3	Totals .....	74,814,821	69,213,301	72,858,274	60,702,207	60,095,945	
4	Imports .....	12,132	10,122	10,411	909,453	835,660	
5	Other receipts .....	28,333	4,105	4,078	330	-	
6	Total net receipts .....	74,855,286	69,227,528	72,872,763	61,611,990	60,931,605	
7	Received from storage .....	6,144,169	4,957,597	2,943,692	360,268	11,517	
8	Total supply of gas utilities .....	80,999,455	74,185,125	75,816,455	61,972,258	60,943,122	
	Transfers:						
9	Interprovincial .....	-	-	-	-	-	
10	Other .....	39,683,200	34,351,159	34,231,521	29,324,575	27,054,208	
11	Total gross receipts .....	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330	
	<u>Disposition</u>						
	Sales:						
12	Residential .....	22,950,587	21,549,239	19,783,830	13,642,351	8,364,740	
13	Industrial .....	17,363,882	15,777,701	17,709,805	18,102,553	18,107,927	
14	Commercial .....	10,179,220	9,568,923	8,943,492	6,291,451	3,993,004	
15	Total sales .....	50,493,689	46,895,863	46,437,127	38,036,355	30,465,671	
16	Exports .....	29,461,219	28,720,262	30,471,213	27,041,272	28,665,413	
17	Other deliveries .....	132,836	34,229	71,358	12,919	11,334	
18	Total net deliveries .....	80,087,744	75,650,354	76,979,698	65,090,546	59,142,418	
19	Delivered to storage .....	101,962	540,946	1,053,840	1,690,300	4,303,485	
	Transfers:						
20	Interprovincial .....	-	-	-	-	-	
21	Transport to distribution .....	26,603,866	23,585,802	23,451,192	19,112,539	16,328,127	
22	Other .....	13,124,233	10,765,050	10,744,410	10,269,520	10,868,262	
23	Total gross deliveries .....	119,917,805	110,542,152	112,229,140	96,162,905	90,642,272	
24	Line pack fluctuation .....	57,804	- 176,656	247,349	- 288,027	48,760	
25	Gas used in system(1) .....	1,634,577	1,547,695	1,665,743	1,292,061	1,296,603	
26	Adjustments (B.T.U.) .....	- 1,399,928	- 1,014,598	- 1,066,971	- 873,639	- 1,068,889	
27	Line losses and unaccounted for .....	472,397	- 2,362,309	- 3,027,285	- 4,996,467	- 2,921,416	
28	Total disposition .....	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330	

(1) Includes estimated figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

November 1962

June	July	August	September	October	November	December	Year to date		No.
							1962	1961 <sup>†</sup>	
Mcf.									
41,725,735	43,442,380	43,919,995	45,057,881	49,095,233	51,204,661		512,732,178	344,702,298	1
13,008,796	12,374,146	13,701,142	15,331,696	18,418,219	20,894,224		193,126,478	154,135,975	2
54,734,531	55,816,526	57,621,137	60,389,577	67,513,452	72,098,885		705,858,656	498,838,273	3
822,340	943,979	943,749	862,403	109,345	7,536		5,467,130	5,468,171	4
-	-	-	-	-	-		36,846	64,611	5
55,556,871	56,760,505	58,564,886	61,251,980	67,622,797	72,106,421		711,362,632	504,371,055	6
47,752	77,750	221,473	299,578	1,512,301	3,262,376		19,838,473	21,151,423	7
55,604,623	56,838,255	58,786,359	61,551,558	69,135,098	75,368,797		731,201,105	525,522,478	8
-	-	-	-	-	-		-	-	9
25,793,587	25,544,417	24,900,660	25,927,661	28,204,028	34,075,043		329,090,059	277,382,580	10
81,398,210	82,382,672	83,687,019	87,479,219	97,339,126	109,443,840		1,060,291,164	802,905,058	11
4,783,564	3,229,854	3,003,622	4,209,337	6,766,219	11,968,279		120,251,622	104,668,135	12
17,694,617	17,192,307	18,253,922	18,684,736	19,665,996	19,713,428		198,266,874	179,273,727	13
2,513,828	1,759,892	1,843,619	2,796,375	3,628,683	5,713,237		57,231,724	49,770,964	14
24,992,009	22,182,053	23,101,163	25,690,448	30,060,898	37,394,944		375,750,220	333,712,826	15
27,794,501	28,989,702	30,204,416	30,683,350	33,464,752	32,241,438		327,737,538	149,140,787	16
40,517	64,754	45,592	18,695	27,124	35,852		495,210	154,956	17
52,827,027	51,236,509	53,351,171	56,392,493	63,552,774	69,672,234		703,982,968	483,008,569	18
4,498,049	5,418,722	4,348,018	2,494,828	1,359,664	11,451		25,821,245	29,649,675	19
-	-	-	-	-	-		-	-	20
14,662,683	14,297,209	14,679,854	16,112,455	18,257,171	23,372,468		210,463,366	199,730,275	21
11,066,873	11,215,243	10,255,744	9,840,234	9,986,278	10,914,768		119,050,615	77,775,283	22
83,054,632	82,167,683	82,634,787	84,840,010	93,155,887	103,970,921		1,059,318,194	790,163,802	23
- 383,192	- 14,908	270,349	100,957	- 49,063	125,516		- 61,111	968,754	24
1,147,296	1,244,547	1,200,530	1,243,689	978,152	1,679,779		14,930,672	11,247,627	25
- 1,017,641	- 1,259,595	- 1,239,509	- 1,133,832	- 1,165,238	- 1,142,201		- 12,382,041	524,875	( 26
- 1,402,885	244,945	820,862	2,428,395	4,419,388	4,809,825		- 1,514,550		( 27
81,398,210	82,382,672	83,687,019	87,479,219	97,339,126	109,443,840		1,060,291,164	802,905,058	28

<sup>†</sup> Revised figures.



TABLE 3. Operating Statistics: Natural Gas Utilities

November 1962

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Sendouts (Mcf.):			
November 1962:			
Daily average .....	1,853,797	1,246,498	2,322,790
Maximum (non-coincident) .....	2,144,787	...	...
Minimum (non-coincident) .....	1,623,828	...	...
November 1961:			
Daily average (Mcf.) .....	1,188,709	1,164,048	...
Maximum .....	1,535,480	...	...
Minimum .....	1,048,855	...	...
Year to date 1962:			
Daily average (Mcf.) .....	1,611,380	1,125,001	2,195,874
Maximum .....	2,226,408	...	...
Minimum .....	1,196,955	...	...
Commodity miles:			
Mcf. miles (000's miles) .....	45,550,150	..	..
Ton miles (millions) .....	1,039	..	..
Line pack:			
Beginning of month (Mcf.) .....	6,037,070	..	..
End of month (Mcf.) .....	6,153,168	..	..
Operating revenues .....	(\$)16,814,055	(\$)23,840,784	(\$)31,864,205(1)

(1) Interindustry revenues eliminated.  
 .. Figures not available.  
 ... Figures not appropriate or not applicable.

TABLE 4. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

November 1962

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	131,382	96,832
Deliveries to ultimate customers .....	170,420	87,894
Line pack fluctuations .....	31	491
Gas used in system .....	- 32,524	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 6,545	8,447
Total disposition .....	131,382	96,832
Daily average sendout .....	5,681	2,930
Revenues .....	(\$)111,129	(\$)128,536

Table 1

Year	...	...	...
1950	...	...	...
1951	...	...	...
1952	...	...	...
1953	...	...	...
1954	...	...	...
1955	...	...	...
1956	...	...	...
1957	...	...	...
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2027	...	...	...
2028	...	...	...
2029	...	...	...
2030	...	...	...

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