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GAS UTILITIES (Transport and Distribution Systems)

AUGUST 1962

In August 1962, gas utilities received from field gathering systems and processing plants 57.6 million Mcf. of natural gas. The transport systems received 43.9 million Mcf. and the distribution systems received 13.7 million Mcf. Receipts from storage were 221 thousand Mcf. The total supply of gas utilities, 58.8 million Mcf., was 49.2 per cent higher than in August 1961. Of the total supply, 23.1 million Mcf. were sold to ultimate customers in Canada, an increase of 13.5 per cent, while exports amounted to 30.2 million Mcf., an increase of 149.8 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 some 14.7 million Mcf. to distribution systems, showing a slight increase over last year.

For the twelve month period ended August 1962, exports totalled 293 million Mcf., while net deliveries amounted to 707 million Mcf.

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

The transport systems which represent virtually all of the major "inter-city" movements of natural gas had traffic amounting to 40.0 billion commodity Mcf. miles compared with 33.5 billion for the same period last year. Ton miles totalled 912 million for August 1962. The daily average deliveries of gas utilities amounted to 1.9 million Mcf./day.

Revenue for the natural gas utilities for the month was \$19,919,210; manufactured and liquefied petroleum gases systems \$171,459 giving a combined utilities total of \$20,090,669.

For the eight month period January to August 1962, net receipts totalled 510 million Mcf. compared with 360 million Mcf. last year; total net deliveries amounted to 514 million Mcf. compared with 358 million Mcf. for August 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
Public Finance and Transportation Division

February 1963
8506-503

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

August 1962

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
	Receipts from fields or processing plants:			
1	By transport systems	-	-	-
2	By distribution systems	7,535	-	584,304
3	Totals	7,535	-	584,304
4	Imports	-	-	942,143
5	Other receipts	-	-	-
6	Total net receipts	7,535	-	1,526,447
7	Received from storage	-	-	60,712
8	Total supply of gas utilities	7,535	-	1,587,159
	Transfers:			
9	Interprovincial	-	2,084,236	12,741,021
10	Other	-	2,077,387	15,633,367
11	Total gross receipts	7,535	4,161,623	29,961,547
	<u>Disposition</u>			
	Sales:			
12	Residential	5,010	206,550	1,120,145
13	Industrial	-	1,699,536	6,097,165
14	Commercial	1,000	84,741	681,306
15	Total sales	6,010	1,990,827	7,898,616
16	Exports	-	-	-
17	Other deliveries	-	-	-
18	Total net deliveries	6,010	1,990,827	7,898,616
19	Delivered to storage	-	-	3,608,025
	Transfers:			
20	Interprovincial	-	-	2,084,236
21	Transport to distribution	-	2,084,127	9,175,839
22	Other	-	-	6,467,412
23	Total gross deliveries	6,010	4,074,954	29,234,128
24	Line pack fluctuation	-	- 450	87,141
25	Gas used in system(1)	-	33,878	473,614
26	Adjustments (B.T.U.)	-	-	-
27	Line losses and unaccounted for	1,525	53,241	166,664
28	Total disposition	7,535	4,161,623	29,961,547

(1) Includes estimated figures.

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

August 1962

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	August 1961	No.
					Canada	
Mcf.						
-	-	35,291,916	8,628,079	43,919,995	28,310,138	1
-	1,826,797	11,268,582	13,924	13,701,142	10,109,165	2
-	1,826,797	46,560,498	8,642,003	57,621,137	38,419,303	3
-	-	1,606	-	943,749	900,449	4
-	-	-	-	-	1,890	5
-	1,826,797	46,562,104	8,642,003	58,564,886	39,321,642	6
-	6,968	153,793	-	221,473	87,546	7
-	1,833,765	46,715,897	8,642,003	58,786,359	39,409,188	8
18,390,935	18,856,706	-	17,058,059	-	-	9
731,952	1,365,233	3,298,680	1,794,041	24,900,660	25,151,628	10
19,122,887	22,055,704	50,014,577	27,494,103	83,687,019	64,560,816	11
113,664	218,354	959,709	380,190	3,003,622	2,546,531	12
549,234	1,458,531	7,218,124	1,231,332	18,253,922	16,204,291	13
78,321	98,878	749,648	149,725	1,843,619	1,600,879	14
741,219	1,775,763	8,927,481	1,761,247	23,101,163	20,351,701	15
4,742,962	-	2,122,567	23,338,887	30,204,416	12,085,446	16
-	-	33,062	12,530	45,592	5,197	17
5,484,181	1,775,763	11,083,110	25,112,664	53,351,171	32,442,344	18
-	219,621	520,372	-	4,348,018	5,510,793	19
12,741,021	18,390,935	35,914,765	-	-	-	20
731,952	840,922	51,413	1,795,601	14,679,854	14,627,730	21
-	559,720	3,228,577	35	10,255,744	10,557,659	22
18,957,154	21,786,961	50,798,237	26,908,300	82,634,787	63,138,526	23
-	- 9,443	181,751	11,350	270,349	84,375	24
175,000	202,495	62,838	252,705	1,200,530	949,741	25
-	-	- 1,239,509	-	- 1,239,509	388,174	(26
- 9,267	75,691	211,260	321,748	820,862	(	27
19,122,887	22,055,704	50,014,577	27,494,103	83,687,019	64,560,816	28

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

August 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	4,303,465	
	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
August 1962

June	July	August	September	October	November	December	Year to date		No.
							1962	1961 ^r	
Mcf.									
41,725,735	43,442,380	43,919,995					367,374,403	246,929,894	1
13,008,796	12,374,146	13,701,142					138,482,339	108,944,649	2
54,734,531	55,816,526	57,621,137					505,856,742	355,874,543	3
822,340	943,979	943,749					4,487,846	4,128,279	4
-	-	-					36,846	61,599	5
55,556,871	56,760,505	58,564,886					510,381,434	360,064,421	6
47,752	77,750	221,473					14,764,218	18,010,053	
55,604,623	56,838,255	58,786,359					525,145,652	378,074,474	
-	-	-					-	-	9
25,793,587	25,544,417	24,900,660					240,883,327	198,437,535	10
81,398,210	82,382,672	83,687,019					766,028,979	576,512,009	11
4,783,564	3,229,854	3,003,622					97,307,787	82,498,499	12
17,694,617	17,192,307	18,253,922					140,202,714	126,395,896	13
2,513,828	1,759,892	1,843,619					45,093,429	37,519,835	14
24,992,009	22,182,053	23,101,163					282,603,930	246,414,230	15
27,794,501	28,989,702	30,204,416					231,347,998	111,766,549	16
40,517	64,754	45,592					413,539	86,200	17
52,827,027	51,236,509	53,351,171					514,365,467	358,266,979	18
4,498,049	5,418,722	4,348,018					21,955,302	22,944,626	19
-	-	-					-	-	20
14,662,683	14,297,209	14,679,854					152,721,272	144,205,886	21
11,066,873	11,215,243	10,259,744					88,309,335	54,339,503	22
83,054,632	82,167,683	82,634,787					777,351,376	579,756,994	23
- 383,192	- 14,908	270,349					- 238,521	- 36,039	24
1,147,296	1,244,547	1,200,530					11,029,052	7,749,377	25
- 1,017,641	- 1,259,595	- 1,239,509					- 8,940,770	- 10,958,323	(26
- 1,402,885	244,945	820,862					- 13,172,158		(27
81,398,210	82,382,672	83,687,019					766,028,979	576,512,009	28

^r Revised figures.

TABLE 3. Operating Statistics: Natural Gas Utilities

August 1962

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Sendouts (Mcf.):			
August 1962:			
Daily average	1,447,880	745,199	1,861,264
Maximum (non-coincident)	1,734,794	...	...
Minimum (non-coincident)	1,196,955	...	...
August 1961:			
Daily average (Mcf.)	861,883	656,506	...
Maximum	1,084,450	...	...
Minimum	784,954	...	...
Year to date 1962:			
Daily average (Mcf.)	1,580,532	1,162,979	2,221,969
Maximum	2,226,408	...	...
Minimum	1,196,955	...	...
Commodity miles:			
Mcf. miles (000's miles)	40,003,227	..	..
Ton miles (millions)	912	..	..
Line pack:			
Beginning of month (Mcf.)	5,724,972	..	..
End of month (Mcf.)	6,016,089	..	..
Operating revenues	(\$14,207,382	(\$11,785,067	(\$19,919,210(1)

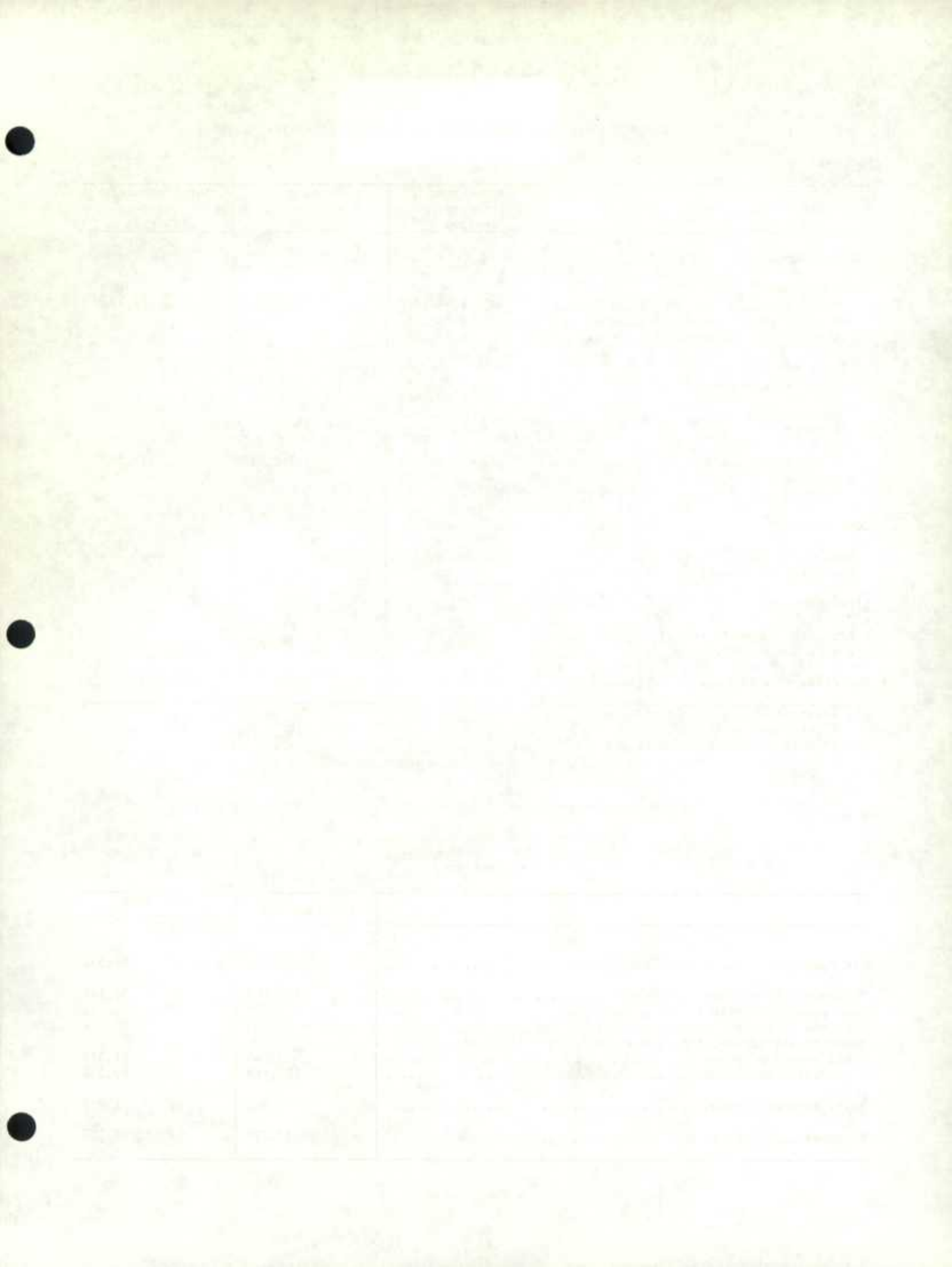
(1) Interindustry revenues eliminated,
 .. Figures not available.
 ... Figures not appropriate or not applicable.

TABLE 4. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

August 1962

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	102,688	69,532
Deliveries to ultimate customers	122,545	58,187
Line pack fluctuations	- 1,368	- 31
Gas used in system	- 23,733	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	5,244	11,376
Total disposition	102,688	69,532
Daily average sendout	3,953	1,877
Revenues	(\$83,292	(\$88,167



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