

Historical File Copy

CATALOGUE No.

55-002

MONTHLY

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

C.1
Vol. 8, No. 10

Price: 20 cents, \$2.00 a year

GAS UTILITIES
(Transport and Distribution Systems)

OCTOBER 1966

During October 1966 field gathering systems and processing plants delivered to gas utilities 95,480,027 Mcf. of natural gas. The transport systems accounted for 73,828,857 Mcf. and the distribution systems 21,651,170 Mcf. Natural gas imported from the U.S.A. was 2,299,155 Mcf. and the volume recovered from storage was 2,318,866 Mcf. The disposition of the gas utilities supply is shown in the following table.

| Disposition | Volume | % of total supply | % increase over Oct. 1965 | Revenue | % of total revenue |
|----------------------------------|----------|-------------------|---------------------------|---------|--------------------|
| | '000 Mcf | | | \$'000 | |
| Ultimate customers | 46,926 | 46.9 | 7.7 | 29,357 | 75.9 |
| Exports | 37,440 | 37.4 | 9.4 | 9,334 | 24.1 |
| Other uses and adjustments | 15,734 | 15.7 | ... | ... | ... |
| Totals | 100,100 | 100.0 | 13.8 | 38,691 | 100.0 |

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 66.0 billion commodity (Mcf.) miles (1,505 million ton miles) during October 1966 compared with 63.9 billion (Mcf.) miles (1,457 million ton miles) last year. The daily average deliveries of gas utilities amounted to 2.8 million Mcf.

Alberta natural gas utilities receipts totalled 76.2 billion cubic feet; of this 17.8 per cent was sold to ultimate customers in Alberta, 17.1 per cent in Ontario, 3.4 per cent in Quebec, 4.0 per cent in Saskatchewan, 1.8 per cent in British Columbia and 1.9 per cent in Manitoba. Exports accounted for 38.2 per cent and the remaining 15.7 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during October 1966 compared to the same month for the previous year. Details are contained in the following table.

| Sales Category | Sales | % of total sales | % increase over Oct. 1965 | Revenue | % of sales revenue | Number of customers |
|-------------------|-----------|------------------|---------------------------|---------|--------------------|---------------------|
| | '000 Mcf. | | | \$'000 | | '000 |
| Residential | 10,433 | 22.2 | -5.9 | 12,691 | 43.2 | 1,455 |
| Industrial | 29,479 | 62.8 | 14.1 | 11,228 | 38.2 | 11 |
| Commercial | 7,014 | 15.0 | 5.5 | 5,438 | 18.6 | 135 |
| Totals | 46,926 | 100.0 | 7.7 | 29,357 | 100.0 | 1,601 |

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Industry Division

January 1967
6503-509

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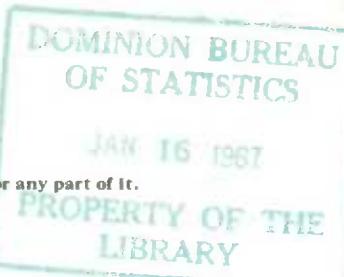


TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

October 1966

| No. | | New Brunswick | Quebec | Ontario |
|------------------------|--|---------------|-----------|------------|
| | | | Mcf. | |
| <u>Receipts</u> | | | | |
| 1 | By transport systems: | | | |
| la | Fields | - | - | - |
| lb | Processing plants | - | - | - |
| 2 | By distribution systems: | | | |
| 2a | Fields | 7,209 | - | 1,079,162 |
| 2b | Processing plants | - | - | - |
| 3 | Total (1 + 2) | 7,209 | - | 1,079,162 |
| 4 | Imports | - | - | 2,290,092 |
| 5 | Other receipts(1) | - | - | - |
| 6 | Total net receipts (3 + 4 + 5) | 7,209 | - | 3,369,254 |
| 7 | Received from storage | - | - | 1,852,150 |
| 9 | Total supply of gas utilities (6 + 7) | 7,209 | - | 5,221,404 |
| <u>Transfers from:</u> | | | | |
| 11 | Other provinces | - | 2,730,231 | 21,979,780 |
| 12 | Distribution to transport (primary) | - | - | - |
| 13 | Other gas utilities | - | 2,305,917 | 24,825,405 |
| 19 | Total gross receipts (9 + 11 + 12 + 13) ... | 7,209 | 5,036,148 | 52,026,589 |
| <u>Disposition</u> | | | | |
| <u>Sales:</u> | | | | |
| 20 | Residential | 3,049 | 701,875 | 4,269,008 |
| 21 | Industrial | - | 1,681,483 | 10,392,399 |
| 22 | Commercial | 1,163 | 213,208 | 3,039,939 |
| 30 | Total sales (20 + 21 + 22) | 4,212 | 2,596,566 | 17,701,346 |
| 31 | Exports | - | 32,179 | 271,835 |
| 32 | Other deliveries | - | - | 579 |
| 33 | Total net deliveries (30 + 31 + 32) | 4,212 | 2,628,745 | 17,973,760 |
| 34 | Delivered to storage | - | - | 1,494,436 |
| 35 | Line pack fluctuation | - | 271 | 37,655 |
| 36 | Gas used in system | 69 | 5,279 | 1,864,297 |
| 37 | Line losses and unaccounted for | 2,928 | 95,936 | 3,100,805 |
| 39 | Total demand on gas utilities (33 + 34 + 35 + 36 + 37) | 7,209 | 2,730,231 | 24,470,953 |
| <u>Transfers to:</u> | | | | |
| 40 | Other provinces | - | - | 2,730,231 |
| 41 | Distribution by transport (primary) | - | 2,305,917 | 17,571,858 |
| 42 | Other gas utilities | - | - | 7,253,547 |
| 49 | Total disposition (39 + 40 + 41 + 42) | 7,209 | 5,036,148 | 52,026,589 |

(1) Includes peak shaving and enrichment.

... Not appropriate or not applicable.

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

October 1966

| Manitoba | Saskatchewan | Alberta | British Columbia | Canada | October | No. |
|------------|--------------|------------|------------------|-------------|-------------------|-----|
| | | | | | 1965 ^r | |
| Mcf. | | | | | | |
| - | - | 6,571,375 | 584,489 | 7,155,864 | 6,439,373 | 1a |
| - | - | 52,242,128 | 14,430,865 | 66,672,993 | 62,554,440 | 1b |
| - | 1,534,772 | 7,240,191 | - | 9,861,334 | 7,293,154 | 2a |
| - | 1,843,608 | 9,882,892 | 63,336 | 11,789,836 | 9,176,544 | 2b |
| - | 3,378,380 | 75,936,586 | 15,078,690 | 95,480,027 | 85,463,511 | 3 |
| 1,745 | - | 9,063 | - | 2,299,155 | 1,241,378 | 4 |
| 1,745 | - | - | - | 1,745 | 2,330 | 5 |
| 1,745 | 3,378,380 | 75,945,649 | 15,078,690 | 97,780,927 | 86,707,219 | 6 |
| - | 168,629 | 298,087 | - | 2,318,866 | 1,218,003 | 7 |
| 1,745 | 3,547,009 | 76,243,736 | 15,078,690 | 100,099,793 | 87,925,222 | 9 |
| 32,001,887 | 35,682,686 | 3,075 | 21,435,054 | 4,814,634 | 336,721 | 11 |
| - | 2,948,898 | 1,865,736 | - | 47,174,013 | 39,944,593 | 12 |
| 2,947,071 | 2,254,266 | 7,070,340 | 7,771,014 | | | 13 |
| 34,950,703 | 44,432,859 | 85,182,887 | 44,284,758 | 152,088,440 | 128,206,536 | 19 |
| 737,837 | 783,678 | 2,401,875 | 1,535,619 | 10,432,941 | 11,082,391 | 20 |
| 890,673 | 2,405,521 | 8,982,738 | 5,126,592 | 29,479,406 | 25,845,333 | 21 |
| 533,496 | 373,880 | 2,226,218 | 626,134 | 7,014,038 | 6,649,055 | 22 |
| 2,162,006 | 3,563,079 | 13,610,831 | 7,288,345 | 46,926,385 | 43,576,779 | 30 |
| 6,381,349 | - | 2,691,010 | 28,063,276 | 37,439,649 | 34,233,078 | 31 |
| - | - | 236,066 | - | 236,645 | 200,381 | 32 |
| 8,543,355 | 3,563,079 | 16,537,907 | 35,351,621 | 84,602,679 | 78,010,238 | 33 |
| - | 482,929 | - 372,923 | - | 1,604,442 | 2,714,203 | 34 |
| 27,565 | 111,043 | 17,490 | - 49,988 | 144,036 | 114,247 | 35 |
| 450,409 | 848,416 | 360,402 | 654,338 | 4,183,210 | 3,791,588 | 36 |
| 1,002,523 | 2,219,266 | 2,586,195 | 557,773 | 9,565,426 | 3,294,946 | 37 |
| 10,023,852 | 7,224,733 | 19,129,071 | 36,513,744 | 100,099,793 | 87,925,222 | 39 |
| 21,979,780 | 32,004,962 | 57,117,740 | - | 36,304,249 | 30,835,854 | 40 |
| 2,947,071 | 2,254,266 | 3,600,290 | 7,624,847 | 15,684,398 | 9,445,460 | 41 |
| - | 2,948,898 | 5,335,786 | 146,167 | | | 42 |
| 34,950,703 | 44,432,859 | 85,182,887 | 44,284,758 | 152,088,440 | 128,206,536 | 49 |

^r Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

| No. | | January | February | March | April | May |
|------------------------|--|-------------|-------------|-------------|-------------|-------------|
| | | | | | | Mcf. |
| <u>Receipts</u> | | | | | | |
| 1 | By transport systems: | | | | | |
| 1a | Fields | 10,462,945 | 9,199,677 | 8,796,207 | 6,940,111 | 7,397,472 |
| 1b | Processing plants | 73,537,156 | 64,527,919 | 69,172,869 | 63,325,361 | 61,744,553 |
| 2 | By distribution systems: | | | | | |
| 2a | Fields | 15,425,563 | 10,866,000 | 11,156,653 | 9,455,473 | 6,231,761 |
| 2b | Processing plants | 12,687,509 | 10,993,992 | 11,315,242 | 10,441,356 | 9,991,217 |
| 3 | Total (1 + 2) | 112,113,173 | 95,587,588 | 100,440,971 | 90,162,301 | 85,365,003 |
| 4 | Imports | 3,219,680 | 2,861,093 | 3,041,015 | 3,917,293 | 4,011,532 |
| 5 | Other receipts(1) | 2,357 | - 564 | 1,001 | - 1,960 | - 313 |
| 6 | Total net receipts (3 + 4 + 5) | 115,335,210 | 98,448,117 | 103,482,987 | 94,077,634 | 89,376,222 |
| 7 | Received from storage | 9,757,678 | 6,568,074 | 3,027,128 | 1,037,720 | 288,631 |
| 9 | Total supply of gas utilities (6 + 7) | 125,092,888 | 105,016,191 | 106,510,115 | 95,115,354 | 89,664,853 |
| <u>Transfers from:</u> | | | | | | |
| 11 | Other provinces | ... | ... | ... | ... | ... |
| 12 | Distribution to transport (primary) | 1,239,865 | 667,774 | 614,077 | 552,919 | 1,004,321 |
| 13 | Other gas utilities | 58,643,485 | 49,635,064 | 51,555,605 | 45,708,482 | 43,666,084 |
| 19 | Total gross receipts (9 + 11 + 12 + 13) ... | 184,976,238 | 155,319,029 | 158,679,797 | 141,376,755 | 134,335,258 |
| <u>Disposition</u> | | | | | | |
| Sales: | | | | | | |
| 20 | Residential | 30,900,098 | 30,127,488 | 24,823,276 | 19,927,158 | 14,299,351 |
| 21 | Industrial | 26,694,952 | 25,119,783 | 28,100,115 | 26,663,822 | 26,766,715 |
| 22 | Commercial | 16,511,102 | 15,985,229 | 13,556,267 | 11,151,731 | 8,688,712 |
| 30 | Total sales (20 + 21 + 22) | 74,106,152 | 71,232,500 | 66,479,658 | 57,742,711 | 49,754,778 |
| 31 | Exports | 38,644,552 | 34,761,484 | 38,020,917 | 34,604,102 | 34,965,898 |
| 32 | Other deliveries | 258,781 | 266,370 | 265,730 | 230,378 | 182,508 |
| 33 | Total net deliveries (30 + 31 + 32) | 113,009,485 | 106,260,354 | 104,766,305 | 92,577,191 | 84,903,184 |
| 34 | Delivered to storage | 419,697 | 813,407 | - 197,114 | 2,974,437 | 6,112,931 |
| 35 | Line pack fluctuation | 96,608 | - 62,730 | 61,210 | - 158,166 | - 52,916 |
| 36 | Gas used in system | 4,998,364 | 4,409,579 | 4,441,104 | 4,082,791 | 4,208,036 |
| 37 | Line losses and unaccounted for | 6,568,734 | - 6,404,419 | - 2,561,390 | - 4,360,899 | - 5,506,382 |
| 39 | Total demand on gas utilities (33 + 34 + 35 + 36 + 37) | 125,092,888 | 105,016,191 | 106,510,115 | 95,115,354 | 89,664,853 |
| <u>Transfers to:</u> | | | | | | |
| 40 | Other provinces | ... | ... | ... | ... | ... |
| 41 | Distribution by transport (primary) | 43,778,424 | 37,511,726 | 39,030,411 | 35,065,430 | 33,292,332 |
| 42 | Other gas utilities | 16,104,926 | 12,791,112 | 13,139,271 | 11,195,971 | 11,378,073 |
| 49 | Total disposition (39 + 40 + 41 + 42) | 184,976,238 | 155,319,029 | 158,679,797 | 141,376,755 | 134,335,258 |

(1) Includes peak shaving and enrichment.

R Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

| June | July | August | September | October | November | December | Year to date | | No. |
|---|--|---|--|--|----------|----------|--|--|----------------------|
| | | | | | | | 1966 | 1965 ^x | |
| Mcf. | | | | | | | | | |
| 5,281,175 56,187,196 | 4,243,876 57,490,254 | 4,390,057 57,565,422 | 5,040,561 55,451,074 | 7,155,864 66,672,993 | | | 68,907,945 625,674,797 | 75,133,075 582,448,761 | 1a 1b |
| 6,646,115 9,125,482 | 6,014,795 9,289,844 | 6,637,168 9,974,028 | 7,557,907 9,952,588 | 9,861,334 11,789,836 | | | 89,852,769 105,561,094 | 70,653,682 102,081,846 | 2a 2b |
| 77,239,968 | 77,038,769 | 78,566,675 | 78,002,130 | 95,480,027 | | | 889,996,605 | 830,317,364 | 3 |
| 3,860,984 5,664 | 3,949,896 639 | 4,870,815 3,143 | 4,371,061 1,616 | 2,299,155 1,745 | | | 36,402,524 13,328 | 10,349,290 361,843 | 4 5 |
| 81,106,616 | 80,989,304 | 83,440,633 | 82,374,807 | 97,780,927 | | | 926,412,457 | 841,028,497 | 6 |
| - 86,850 | 43,835 | 402,329 | 73,157 | 2,318,866 | | | 23,430,568 | 26,965,395 | 7 |
| 81,019,766 | 81,033,139 | 83,842,962 | 82,447,964 | 100,099,793 | | | 949,843,025 | 867,993,892 | 9 |
| 1,992,557 39,477,920 | 2,784,770 39,366,605 | 3,105,325 41,967,126 | 3,592,333 41,181,554 | 4,814,634 47,174,013 | | | 20,368,575 458,375,938 | 7,824,937 415,723,456 | 11 12 13 |
| 122,490,243 | 123,184,514 | 128,915,413 | 127,221,851 | 152,088,440 | | | 1,428,587,538 | 1,291,542,285 | 19 |
| 8,053,877 25,648,428 4,911,226 | 4,351,348 22,604,434 3,145,706 | 3,734,832 25,670,386 3,175,375 | 5,205,451 27,416,514 4,429,745 | 10,432,941 29,479,406 7,014,038 | | | 151,855,820 264,164,555 88,569,131 | 146,968,799 230,460,128 78,870,647 | 20 21 22 |
| 38,613,531 | 30,101,488 | 32,580,593 | 37,051,710 | 46,926,385 | | | 504,589,506 | 456,299,574 | 30 |
| 32,785,690 175,691 | 33,789,120 170,419 | 33,297,256 216,909 | 31,229,018 189,788 | 37,439,649 236,645 | | | 349,537,686 2,193,219 | 331,640,335 1,946,873 | 31 32 |
| 71,574,912 | 64,061,027 | 66,094,758 | 68,470,516 | 84,602,679 | | | 856,320,411 | 789,886,782 | 33 |
| 10,136,945 - 205,023 3,488,423 - 3,975,491 | 13,046,056 227,197 3,719,203 - 20,344 | 11,966,560 - 477,137 3,937,572 2,321,209 | 7,165,317 325,149 3,701,220 2,785,762 | 1,604,442 144,036 4,183,210 9,565,426 | | | 54,042,678 - 101,772 41,169,502 - 1,587,794 | 44,606,467 290,705 36,355,687 - 3,145,749 | 34 35 36 37 |
| 81,019,766 | 81,033,139 | 83,842,962 | 82,447,964 | 100,099,793 | | | 949,843,025 | 867,993,892 | 39 |
| 29,468,374 12,002,103 | 28,704,303 13,447,072 | 31,239,547 13,832,904 | 31,353,132 13,420,755 | 36,304,249 15,684,398 | | | 345,747,928 132,996,585 | 309,411,516 114,136,877 | 40 41 42 |
| 122,490,243 | 123,184,514 | 128,915,413 | 127,221,851 | 152,088,440 | | | 1,428,587,538 | 1,291,542,285 | 49 |

... Not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

October 1966

| No. | | New Brunswick | Ontario | Saskatchewan | Alberta | British Columbia | Imports from U.S.A. | Total |
|--------------------|--|---------------|-----------|--------------|------------|------------------|---------------------|-------------|
| Mcf. | | | | | | | | |
| <u>Receipts</u> | | | | | | | | |
| 1 | By transport systems: | | | | | | | |
| 1a | Fields | - | - | - | 6,571,375 | 584,489 | ... | 7,155,864 |
| 1b | Processing plants | - | - | - | 52,242,128 | 14,430,865 | ... | 66,672,993 |
| 2 | By distribution systems: | | | | | | | |
| 2a | Fields | 7,209 | 1,079,162 | 1,534,772 | 7,240,191 | - | ... | 9,861,334 |
| 2b | Processing plants | - | - | 1,843,608 | 9,882,892 | 63,336 | ... | 11,789,836 |
| 3 | Total (1 + 2) | 7,209 | 1,079,162 | 3,378,380 | 75,936,586 | 15,078,690 | ... | 95,480,027 |
| 4 | Imports | ... | ... | ... | ... | ... | 2,299,155 | 2,299,155 |
| 5 | Other receipts(1) | - | - | - | 1,745 | - | ... | 1,745 |
| 6 | Total net receipts (3 + 4 + 5) | 7,209 | 1,079,162 | 3,378,380 | 75,938,331 | 15,078,690 | 2,299,155 | 97,780,927 |
| 7 | Received from storage | - | 1,852,150 | 168,629 | 298,087 | - | ... | 2,318,866 |
| 9 | Total supply of gas utilities (6 + 7) | 7,209 | 2,931,312 | 3,547,009 | 76,236,418 | 15,078,690 | 2,299,155 | 100,099,793 |
| <u>Disposition</u> | | | | | | | | |
| Sales: | | | | | | | | |
| 23 | British Columbia | - | - | - | 1,394,011 | 5,894,334 | - | 7,288,345 |
| 24 | Alberta | - | - | 3,075 | 13,598,693 | - | 9,063 | 13,610,831 |
| 25 | Saskatchewan | - | - | 489,972 | 3,073,107 | - | - | 3,563,079 |
| 26 | Manitoba | - | - | 694,632 | 1,467,374 | - | - | 2,162,006 |
| 27 | Ontario | - | 2,393,016 | - | 13,018,238 | - | 2,290,092 | 17,701,346 |
| 28 | Quebec | - | - | - | 2,596,566 | - | - | 2,596,566 |
| 29 | New Brunswick | 4,212 | - | - | - | - | - | 4,212 |
| 30 | Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) | 4,212 | 2,393,016 | 1,187,679 | 35,147,989 | 5,894,334 | 2,299,155 | 46,926,385 |
| 31 | Exports | - | - | - | 29,128,367 | 8,311,282 | - | 37,439,649 |
| 32 | Other deliveries | - | - | - | 236,645 | - | - | 236,645 |
| 33 | Total net deliveries (30 + 31 + 32) | 4,212 | 2,393,016 | 1,187,679 | 64,513,001 | 14,205,616 | 2,299,155 | 84,602,679 |
| 34 | Delivered to storage | - | - | 482,929 | 1,121,513 | - | - | 1,604,442 |
| 35 | Line pack fluctuation | - | - | 8,404 | 218,084 | - 65,644 | - | 144,036 |
| 36 | Gas used in system | 69 | 23,937 | 101,576 | 3,491,228 | 566,400 | - | 4,183,210 |
| 37 | Line losses and unaccounted for | 2,928 | 514,359 | 1,783,229 | 6,892,592 | 372,318 | - | 9,565,426 |
| 39 | Total demand on gas utilities (33 + 34 + 35 + 36 + 37) | 7,209 | 2,931,312 | 3,547,009 | 76,236,418 | 15,078,690 | 2,299,155 | 100,099,793 |

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

October 1966

| | Natural gas transport systems | Natural gas distribution systems | Total natural gas utilities |
|---------------------------------|-------------------------------------|--|-----------------------------------|
| Daily sendouts (Mcf.): | | | |
| October 1966: | | | |
| Daily average | 2,378,835 | 1,513,754 | 2,780,875 |
| Maximum(1) | 2,742,323 | ... | ... |
| Minimum(1) | 2,047,131 | ... | ... |
| Exports maximum(1) | 1,297,474 | ... | 1,297,474 |
| October 1965: | | | |
| Daily average | 2,098,998 | 1,405,703 | 2,604,014 |
| Maximum(1) | 2,287,839 | ... | ... |
| Minimum(1) | 1,829,402 | ... | ... |
| Year to date 1966: | | | |
| Daily average | 2,287,124 | 1,659,834 | 2,994,615 |
| Maximum(1) | 2,834,583 | ... | ... |
| Minimum(1) | 1,257,664 | ... | ... |
| Commodity miles: | | | |
| Mcf. miles (thousands) | 65,995,002 | .. | .. |
| Ton-miles (millions) | 1,505 | .. | .. |
| Line pack: | | | |
| Beginning of month (Mcf.) | 7,661,709 | .. | .. |
| End of month (Mcf.) | 7,809,559 | .. | .. |
| Operating revenues | .. | \$29,356,516(2) | .. |

(1) Non-coincident.

(2) Estimated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

October 1966

| | Manufactured | Liquefied petroleum gases |
|--|--------------|------------------------------|
| | | Mcf. |
| Gas receipts | 55,449 | 102,810 |
| Deliveries to ultimate customers | 48,786 | 80,206 |
| Line pack fluctuations | - | 1,040 |
| Gas used in system | - 1,040 | 1,175 |
| Metering difference, line losses, cyclical billing adjustments and unaccounted for | 7,703 | 20,389 |
| Total disposition | 55,449 | 102,810 |
| Daily average sendout | 1,789 | 3,316 |
| Revenues | \$31,900 | \$133,515(1) |

(1) Estimated.

TABLE 6. Sales of Natural Gas

| No. | | October 1966 | | | |
|-----|------------------------|---------------|------------|--------------|--------------|
| | | Customers | | Gas sold | Revenue |
| | | Space heating | Total | | |
| No. | | No. | | Mcf. | \$ |
| | Residential: | | | | |
| 1 | New Brunswick | 100 | 2,060 | 3,049 | 10,619 |
| 2 | Quebec | 83,681 | 201,674 | 701,875 | 1,326,146 |
| 3 | Ontario | 495,907 | 642,005 | 4,269,008 | 5,718,626 |
| 4 | Manitoba | 89,794 | 92,643 | 737,837 | 948,858(1) |
| 5 | Saskatchewan | 103,571 | 107,851 | 783,678 | 747,066 |
| 6 | Alberta | 231,307 | 237,313 | 2,401,875 | 1,517,732 |
| 7 | British Columbia | 151,073 | 171,914 | 1,535,619 | 2,421,671(1) |
| 8 | Canada | 1,155,433 | 1,455,460 | 10,432,941 | 12,690,718 |
| | Industrial: | | | | |
| 9 | New Brunswick | - | - | - | - |
| 10 | Quebec | 2,365 | 1,681,483 | 928,637 | |
| 11 | Ontario | 6,872 | 10,392,399 | 5,672,939 | |
| 12 | Manitoba | 281 | 890,673 | 276,109(1) | |
| 13 | Saskatchewan | 561 | 2,405,521 | 555,865 | |
| 14 | Alberta | 755 | 8,982,738 | 1,651,125 | |
| 15 | British Columbia | 252 | 5,126,592 | 2,142,915(1) | |
| 16 | Canada | 11,086 | 29,479,406 | 11,227,590 | |
| 17 | Firm | 10,564 | 23,069,738 | 8,707,398 | |
| 18 | Interruptible | 522 | 6,409,668 | 2,520,192 | |
| | Commercial: | | | | |
| 19 | New Brunswick | 55 | 1,163 | 2,581 | |
| 20 | Quebec | 9,621 | 213,208 | 302,643 | |
| 21 | Ontario | 54,347 | 3,039,939 | 2,826,364 | |
| 22 | Manitoba | 8,217 | 533,496 | 428,399(1) | |
| 23 | Saskatchewan | 13,912 | 373,880 | 228,236 | |
| 24 | Alberta | 26,229 | 2,226,218 | 880,466 | |
| 25 | British Columbia | 22,463 | 626,134 | 769,519(1) | |
| 26 | Canada | 134,844 | 7,014,038 | 5,438,208 | |
| | Total sales: | | | | |
| 27 | New Brunswick | 2,115 | 4,212 | 13,200 | |
| 28 | Quebec | 213,660 | 2,596,566 | 2,557,426 | |
| 29 | Ontario | 703,224 | 17,701,346 | 14,217,929 | |
| 30 | Manitoba | 101,141 | 2,162,006 | 1,653,366 | |
| 31 | Saskatchewan | 122,324 | 3,563,079 | 1,531,167 | |
| 32 | Alberta | 264,297 | 13,610,831 | 4,049,323 | |
| 33 | British Columbia | 194,629 | 7,288,345 | 5,334,105 | |
| 34 | Canada | 1,601,390 | 46,926,385 | 29,356,516 | |

(1) Estimated.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

| No. | | October 1966 | | | |
|-----|------------------|---------------------------|--------|----------|-------------|
| | | Liquefied petroleum gases | | Gas sold | Revenue (1) |
| | | Customers | No. | | |
| No. | | | No. | Mcf. | \$ |
| 1 | Domestic | 13,824 | 49,996 | | 85,943 |
| 2 | Industrial | 38 | 719 | | 740 |
| 3 | Commercial | 2,455 | 29,491 | | 46,832 |
| 4 | Totals | 16,317 | 80,206 | | 133,515 |

(1) Estimated.

TABLE 6. Sales of Natural Gas

| October 1966 | | October 1965 ^r | | | No. | |
|--------------------|------------------|---------------------------|-----------|------------|------------|----|
| Sales per customer | Revenue per Mcf. | Customers | | Gas sold | | |
| Mcf. | \$ | Space heating | Total | Revenue | | |
| 1.48 | 3.48 | 100 | 2,205 | 4,139 | 13,722 | 1 |
| 3.48 | 1.89 | 80,170 | 204,705 | 727,333 | 1,430,524 | 2 |
| 6.65 | 1.34 | 472,271 | 621,070 | 4,102,706 | 5,520,042 | 3 |
| 7.96 | 1.29 | 80,448 | 83,677 | 807,378 | 768,596 | 4 |
| 7.27 | 0.95 | 83,842 | 98,294 | 1,142,883 | 932,069 | 5 |
| 10.12 | 0.63 | 224,419 | 230,448 | 3,031,139 | 1,757,265 | 6 |
| 8.93 | 1.58 | 140,337 | 161,773 | 1,266,813 | 1,815,275 | 7 |
| 7.17 | 1.12 | 1,081,587 | 1,402,172 | 11,082,391 | 12,237,493 | 8 |
| - | - | - | - | - | - | 9 |
| 711 | 0.55 | | 2,319 | 1,608,092 | 887,463 | 10 |
| 1,512 | 0.55 | | 6,565 | 9,417,235 | 5,058,974 | 11 |
| 3,170 | 0.31 | | 259 | 861,238 | 272,946 | 12 |
| 4,288 | 0.23 | | 536 | 2,544,977 | 545,085 | 13 |
| 11,898 | 0.18 | | 740 | 7,674,847 | 1,428,640 | 14 |
| 20,344 | 0.42 | | 863 | 3,738,944 | 1,299,342 | 15 |
| 2,659 | 0.38 | | 11,282 | 25,845,333 | 9,492,450 | 16 |
| 2,184 | 0.38 | | 10,819 | 20,959,802 | 7,591,077 | 17 |
| 12,279 | 0.39 | | 463 | 4,885,531 | 1,901,373 | 18 |
| 21.1 | 2.22 | | - | - | - | 19 |
| 22.2 | 1.42 | | 9,585 | 203,710 | 326,964 | 20 |
| 55.9 | 0.93 | | 50,973 | 2,478,025 | 2,305,403 | 21 |
| 64.9 | 0.80 | | 7,407 | 585,333 | 430,621 | 22 |
| 26.9 | 0.61 | | 12,658 | 620,818 | 346,754 | 23 |
| 84.9 | 0.40 | | 25,547 | 2,396,293 | 960,394 | 24 |
| 27.9 | 1.23 | | 20,676 | 364,876 | 436,585 | 25 |
| 52.0 | 0.78 | | 126,846 | 6,649,055 | 4,806,721 | 26 |
| 2.0 | 3.13 | | 2,205 | 4,139 | 13,722 | 27 |
| 12.2 | 0.98 | | 216,609 | 2,539,135 | 2,644,951 | 28 |
| 25.2 | 0.80 | | 678,608 | 15,997,966 | 12,884,419 | 29 |
| 21.4 | 0.76 | | 91,343 | 2,253,949 | 1,472,163 | 30 |
| 29.1 | 0.43 | | 111,488 | 4,308,678 | 1,823,908 | 31 |
| 51.5 | 0.30 | | 256,735 | 13,102,279 | 4,146,299 | 32 |
| 37.4 | 0.73 | | 183,312 | 5,370,633 | 3,551,202 | 33 |
| 29.3 | 0.63 | | 1,540,300 | 43,576,779 | 26,536,664 | 34 |

^r Revised figures.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

| Customers No. | October 1966 Manufactured gas | | Revenue \$ | No. |
|------------------|----------------------------------|--|---------------|-----|
| | Gas sold Mcf. | | | |
| 2,058 | 4,206 | | 5,575 | 1 |
| 25 | 33,360 | | 13,413 | 2 |
| 567 | 11,220 | | 12,912 | 3 |
| 2,650 | 48,786 | | 31,900 | 4 |

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

| | October 1966 | | | |
|------------------------|--------------|------------|------------|------------|
| | Residential | Industrial | Commercial | Total |
| Mcf. | | | | |
| Sales: | | | | |
| New Brunswick | 3,049 | - | 1,163 | 4,212 |
| Quebec | 709,462 | 1,698,689 | 215,484 | 2,623,635 |
| Ontario | 4,297,638 | 10,463,998 | 3,060,167 | 17,821,803 |
| Manitoba | 743,949 | 897,421 | 539,330 | 2,180,700 |
| Saskatchewan | 787,933 | 2,418,581 | 375,910 | 3,582,424 |
| Alberta | 2,595,548 | 9,586,529 | 2,417,203 | 14,599,280 |
| British Columbia | 1,627,811 | 5,423,806 | 661,853 | 7,713,470 |
| Canada | 10,765,390 | 30,489,024 | 7,271,110 | 48,525,524 |

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

| | October 1966 | | | | | | |
|---------------|--------------|-----------|-----------|-----------|------------------|------------|--------------------|
| | Quebec | Ontario | Manitoba | Alberta | British Columbia | Total | Year to date total |
| Mcf. | | | | | | | |
| Exports | 32,372 | 273,738 | 6,419,637 | 2,666,793 | 29,512,069 | 38,904,609 | 363,416,274 |
| Imports | - | 2,318,136 | - | 9,062 | - | 2,327,198 | 36,700,002 |

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

| | October 1966 | |
|--------------|---------------------------|------------------|
| | Liquefied petroleum gases | Manufactured gas |
| | Mcf. | |
| Totals | 48,089 | 29,583 |

TABLE 11. Exports and Imports to and from the United States

October 1966

| Province and customs port | Exports | Imports |
|---|----------------|------------|
| | | Mcf. |
| Quebec - Phillipsburg | 32,179 | - |
| Ontario - Cornwall | 271,835 | - |
| Niagara Falls | - | 841,400 |
| Ojibway | - | 1,448,692 |
| Total Ontario | 271,835 | 2,290,092 |
| Manitoba - Emerson | 6,381,349 | - |
| Alberta - Aden | 1,755,077 | - |
| Carway | 935,693 | - |
| Coutts | 240 | 9,062 |
| Total Alberta | 2,691,010 | 9,062 |
| British Columbia - Kingsgate - U.S.A. District V South(1) | 14,065,707 | - |
| Other U.S.A. | 4,059,966 | - |
| Huntingdon | 9,937,603 | - |
| Total British Columbia | 28,063,276 | - |
| Canada - 1966 | 37,439,649 | 2,299,154 |
| 1965 | 34,233,078 | 1,241,378 |
| Year to date - 1966 | 349,537,686 | 36,402,523 |
| 1965 | 331,640,180 | 10,349,290 |
| Value - 1966 | (\$ 9,334,040) | 965,710 |
| 1965 | (\$ 8,731,253) | 470,000 |

(1) California, Nevada, Arizona.

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