



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS PIPE LINE TRANSPORT

May, 1960

The first report in the monthly Gas Pipe Line Transport series encompassed January to June, 1959 inclusive. Monthly reports have been issued subsequently. The first annual Gas Pipe Line Transport report will be compiled for the year 1959 and will provide financial and property statistics as well as a summary of monthly operations. Previous years' data are not available for comparison.

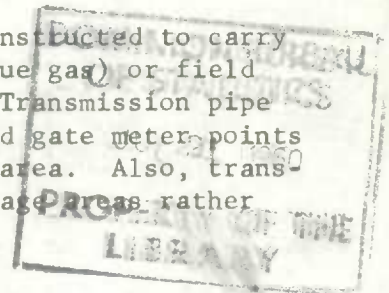
Net deliveries of natural gas through Canadian pipe lines totalled 22,046,380 MCF in May, 1960, up 26.0 per cent from the total of 17,494,232 in May last year. The daily average sendout was 711,174 MCF compared with 564,330 last year.

For the five months ended May 31, 1960 net deliveries increased 25.4 per cent to 131,700,984 MCF from 104,993,852. Daily average sendout was 866,454 MCF compared with 695,324. Deliveries to distribution systems increased 35.2 per cent to 82,787,110 MCF from 61,226,818, deliveries to industrial consumers and others, 22.4 per cent to 6,323,530 from 5,167,185 and exports to the United States, 10.3 per cent to 42,590,344 from 38,599,849. During this period 60,668,125 MCF was delivered to Canadian transmission lines and 4,109,284 to storage, bringing total gross deliveries to 196,478,393 MCF.

The statistics included in this report refer to the operations of companies primarily engaged in transmission of natural gas and hence do not comprise the transmission operations of companies predominantly involved in the distribution of natural gas.

Sales of gas by distributing utilities are issued monthly in the report, "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

A "transmission" pipe line is defined as a pipe line constructed to carry natural gas at any stage between gas processing plants (residue gas) or field gate meter points (dry gas) and local distribution systems. Transmission pipe lines may receive gas directly from processing plants or field gate meter points or may receive gas from another transmission line or storage area. Also, transmission lines may deliver to other transmission lines or storage areas rather than directly to distribution systems.



Prepared in the Public Utilities Section,
Public Finance and Transportation Division.

8506-503-50

TABLE 1

NATURAL GAS TRANSMISSION BY COMPANY

May, 1960

MCF*

| | Total | Ajax Alberta Pipeline Ltd. | Alberta Gas Trunk Line Co. Ltd. | Canadian- Montana Pipe Line Co. | Cold Lake Pipe Line Co. Ltd. | Creta- eous Pipe- lines Ltd. | Grande Prairie Trans- mission Co. Ltd. |
|--------------------------------------------|------------|-------------------------------------|---------------------------------------------|---------------------------------------------|------------------------------------------|------------------------------------------|----------------------------------------------------|
| <u>Natural gas received into system</u> | | | | | | | |
| From own gathering systems | 9,556,848 | 814,169 | - | - | 22,893 | 162,031 | 32,566 |
| From other gathering systems | 14,924,542 | - | 9,274,829 | 1,234,547 | - | - | - |
| From foreign transmission lines | 824,945 | - | - | - | - | - | - |
| Total net receipts (1) | 25,306,335 | xxx | xxx | xxx | xxx | xxx | xxx |
| From Canadian transmission lines | 11,344,021 | - | - | - | - | - | - |
| From storage | - | - | - | - | - | - | - |
| Total gross receipts | 36,650,356 | 814,169 | 9,274,829 | 1,234,547 | 22,893 | 162,031 | 32,566 |
| <u>Natural gas delivered out of system</u> | | | | | | | |
| To distribution systems | 12,168,519 | 4,079 | 18,401 | - | 23,853 | - | 12,566 |
| To foreign transmission lines | 8,652,816 | - | - | 1,238,227 | - | - | - |
| To industrial consumers | 1,224,968 | 810,090 | 617 | - | - | 155,069 | - |
| To others | 77 | - | - | 77 | - | - | - |
| Total net deliveries (1) | 22,046,380 | xxx | xxx | xxx | xxx | xxx | xxx |
| To Canadian transmission lines | 11,344,021 | - | 9,346,687 | - | - | - | - |
| To storage | 2,783,535 | - | - | - | - | - | - |
| Total gross deliveries | 36,173,936 | 814,169 | 9,365,705 | 1,238,304 | 23,853 | 155,069 | 32,566 |
| Pipeline fuel | 316,611 | - | 871 | - | 243 | 2,150 | - |
| Pipeline losses and metering differences | 142,017 | - | -61,500 | -3,343 | -1,203 | 4,812 | - |
| Line pack fluctuations | 17,792 | - | -30,247 | -414 | - | - | - |
| Total disposition of receipts | 36,650,356 | 814,169 | 9,274,829 | 1,234,547 | 22,893 | 162,031 | 32,566 |

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

(1) Not applicable to individual companies.

NATURAL GAS TRANSMISSION BY COMPANY

May, 1960

MCF*

| Mid-Continent Pipelines Ltd. | Mid-Western Industrial Pipelines Ltd. | Mid-Western Industrial Pipelines (Redwater) Ltd. | Mid-Western Industrial Pipelines (Wabamun) Ltd. | North Canadian Oils Ltd. | Ontario Natural Gas Storage and Pipelines Ltd. | Peace River Transmission Co. Ltd. | South Alberta Pipe Lines Ltd. | Trans-Canada Pipe Lines Ltd. | West-coast Transmission Co. Ltd. |
|------------------------------|---------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------|------------------------------------------------|-----------------------------------|-------------------------------|------------------------------|----------------------------------|
| - | 364,544 | - | 1,095,545 | - | - | 21,682 | 319,944 | - | 6,723,474 |
| 25,147 | - | 100,632 | - | - | 1,650,321 | 57,419 | - | - | 2,581,647 |
| - | - | - | - | - | 824,945 | - | - | - | - |
| xxx | xxx | xxx | xxx | xxx | xxx | xxx | xxx | xxx | xxx |
| - | - | - | - | 289,106 | 1,708,228 | - | - | 9,346,687 | - |
| - | - | - | - | - | - | - | - | - | - |
| 25,147 | 364,544 | 100,632 | 1,095,545 | 289,106 | 4,183,494 | 79,101 | 319,944 | 9,346,687 | 9,305,121 |
| 25,147 | 371,067 | 100,823 | 789,577 | 31,495 | 1,394,465 | 77,676 | 324,067 | 7,264,958 | 1,710,345 |
| - | - | - | - | - | - | - | - | - | 7,414,589 |
| - | - | - | - | 259,192 | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - |
| xxx | xxx | xxx | xxx | xxx | xxx | xxx | xxx | xxx | xxx |
| - | - | - | 289,106 | - | - | - | - | 1,708,228 | - |
| - | - | - | - | - | 2,783,535 | - | - | - | - |
| 25,147 | 371,067 | 100,823 | 1,078,683 | 290,687 | 4,178,000 | 77,676 | 324,067 | 8,973,186 | 9,124,934 |
| - | - | - | - | - | 25,337 | - | - | 143,433 | 144,577 |
| - | -6,523 | -191 | 16,862 | -1,581 | -19,843 | 1,425 | -4,197 | 120,091 | 97,208 |
| - | - | - | - | - | - | - | 74 | 109,977 | -61,598 |
| 25,147 | 364,544 | 100,632 | 1,095,545 | 289,106 | 4,183,494 | 79,101 | 319,944 | 9,346,687 | 9,305,121 |

May, 1960

TABLE 2

OPERATING STATISTICS BY COMPANY

| | Canada | Ajax Alberta Pipeline Ltd. | Alberta Gas Trunk Line Co. Ltd. | Canadian- Montana Pipe Line Co. | Cold Lake Pipe Line Co. Ltd. | Creta- eous Pipe- lines Ltd. | Grande Prairie Trans- mission Co. Ltd. |
|------------------------------------------|---------------|-------------------------------------|---------------------------------------------|---------------------------------------------|------------------------------------------|------------------------------------------|----------------------------------------------------|
| <u>MCF* Sendout - daily average</u> | | | | | | | |
| May, 1960 | 711,174 | 26,264 | 302,120 | 39,945 | 769 | 5,002 | 1,050 |
| Year to date, 1960 | 866,454 | 27,438 | 344,453 | 49,704 | 1,278 | 4,992 | 2,316 |
| May, 1959 | 564,330 | 22,865 | 180,603 | 40,664 | 789 | 2,788 | 1,043 |
| Year to date, 1959 | 695,324 | 23,983 | 202,246 | 49,391 | 902 | 3,361 | 2,202 |
| <u>MCF* Sendout on peak day of month</u> | | | | | | | |
| May, 1960 | xxx | 27,676 | 345,478 | 44,761 | 1,070 | 5,982 | 1,898 |
| May, 1959 | xxx | 23,297 | 229,570 | 48,499 | 1,015 | 3,457 | 2,157 |
| <u>Gross receipts - MCF*</u> | | | | | | | |
| May, 1960 | 36,650,356 | 814,169 | 9,274,829 | 1,234,547 | 22,893 | 162,031 | 32,566 |
| Year to date, 1960 | 198,727,150 | 4,170,520 | 52,179,789 | 7,582,820 | 193,105 | 780,736 | 352,350 |
| May, 1959 | 25,125,818 | 708,810 | 5,654,633 | 1,270,213 | 22,469 | 93,086 | 32,335 |
| Year to date, 1959 | 140,225,352 | 3,621,455 | 30,789,057 | 7,533,208 | 131,826 | 533,460 | 332,508 |
| <u>Gross deliveries - MCF*</u> | | | | | | | |
| May, 1960 | 36,173,936 | 814,169 | 9,365,705 | 1,238,304 | 23,853 | 155,069 | 32,566 |
| Year to date, 1960 | 196,478,393 | 4,170,520 | 52,356,908 | 7,555,008 | 194,255 | 758,808 | 352,050 |
| May, 1959 | 24,722,393 | 708,810 | 5,598,708 | 1,260,571 | 24,465 | 86,424 | 32,335 |
| Year to date, 1959 | 138,546,419 | 3,621,456 | 30,539,097 | 7,458,121 | 136,225 | 507,536 | 332,508 |
| <u>Operating revenues</u> | | | | | | | |
| 1st quarter, 1960 | \$ 26,577,147 | 79,233 | 1,352,975 | 758,129 | 50,079 | 23,081 | 94,569 |
| 2nd quarter, 1960 | \$ | | | | | | |
| 3rd quarter, 1960 | \$ | | | | | | |
| 4th quarter, 1960 | \$ | | | | | | |
| Total to date | \$ | | | | | | |
| 1st quarter, 1959 | \$ 19,489,918 | 68,854 | 793,383 | 687,394 | 21,593 | 17,079 | 94,589 |
| 2nd quarter, 1959 | \$ 15,787,756 | 64,169 | 646,978 | 541,331 | 17,560 | 15,126 | 54,429 |
| 3rd quarter, 1959 | \$ 13,954,281 | 64,521 | 598,925 | 314,783 | 12,284 | 15,075 | 46,325 |
| 4th quarter, 1959 | \$ 21,625,969 | 70,476 | 1,233,433 | 568,203 | 29,386 | 25,962 | 80,807 |
| Total to date | \$ 70,857,924 | 268,020 | 3,272,719 | 2,111,711 | 80,823 | 73,242 | 276,150 |

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

May, 1960

OPERATING STATISTICS BY COMPANY

| Mid-Continent Pipelines Ltd. | Mid-Western Industrial Pipelines Ltd. | Mid-Western Industrial Pipelines (Redwater) Ltd. | Mid-Western Industrial Pipelines (Wabamun) Ltd. | North Canadian Oils Ltd. | Ontario Natural Gas Storage and Pipelines Ltd. | Peace River Transmission Co. Ltd. | South Alberta Pipe Lines Ltd. | Trans-Canada Pipe Lines Ltd. | West-coast Transmission Co. Ltd. |
|-------------------------------------------|----------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| 4,191 16,518 4,505 6,135 | 11,970 11,379 7,024 6,665 | 3,252 3,258 2,120 2,756 | 34,796 40,249 34,458 34,044 | 9,377 11,112 6,654 8,544 | 44,983 ¹ 104,172 ¹ 35,621 ¹ 95,184 ¹ | 2,506 3,748 2,289 4,104 | 10,454 10,423 10,832 11,022 | 289,458 332,733 174,738 200,152 | 294,353 304,530 224,226 255,782 |
| 6,492 4,651 | 14,085 9,455 | 3,663 3,313 | 45,039 41,282 | 10,887 7,867 | 91,687 73,638 ^r | 3,929 3,640 | 11,414 11,918 | 325,332 199,022 | 319,437 250,091 |
| 25,147 2,007,829 139,642 926,391 | 364,544 1,704,681 213,868 989,475 | 100,632 491,448 65,146 413,652 | 1,095,545 6,193,678 1,074,782 5,162,560 | 289,106 1,671,638 200,811 1,280,702 | 4,183,494 19,958,987 2,556,990 16,215,446 | 79,101 583,103 70,955 619,711 | 319,944 1,551,365 330,643 1,650,429 | 9,346,687 52,043,034 5,592,740 30,807,556 | 9,305,121 47,172,367 7,098,695 39,217,916 |
| 25,147 2,097,803 139,642 926,391 | 371,067 1,729,565 217,731 1,006,383 | 100,823 495,147 65,747 416,142 | 1,078,683 6,117,776 1,068,202 5,140,793 | 290,687 1,689,074 206,290 1,290,127 | 4,178,000 19,943,416 2,538,875 16,041,671 | 77,676 569,742 70,955 619,711 | 324,067 1,584,344 335,788 1,664,250 | 8,973,186 50,575,463 5,416,876 30,223,036 | 9,124,934 46,288,514 6,950,974 38,622,972 |
| 918 | 19,875 | 11,042 | 55,654 | 434,132 | 4,538,655 | 83,468 | 70,185 | 12,137,695 | 6,867,457 |
| 349 | 13,906 | 12,282 | 57,571 | 372,649 | 3,647,890 | 93,400 | 64,793 | 7,376,707 | 6,167,479 |
| 180 | 15,657 | 9,295 | 48,108 | 265,946 | 2,209,187 | 54,351 | 53,539 | 6,351,180 | 5,440,720 |
| 296 | 12,688 | 11,026 | 44,827 | 262,337 | 1,600,890 | 45,751 | 53,355 | 5,985,343 | 4,885,855 |
| 756 | 21,802 | 10,482 | 60,734 | 410,542 | 3,195,623 | 75,441 | 66,239 | 9,875,698 | 5,900,385 |
| 1,581 | 64,053 | 43,085 | 211,240 | 1,311,474 | 10,653,590 | 268,943 | 237,926 | 29,588,928 | 22,394,439 |

1 - Calculation excludes deliveries to storage.

r - Revised.

TABLE 3

NATURAL GAS TRANSMISSION BY MONTH

January to May, 1960

MCF*

| | Year to date | | January | February | March |
|--------------------------------------------|--------------|-------------|------------|------------|------------|
| | 1960 | 1959 | | | |
| <u>Natural gas received into system</u> | | | | | |
| From own gathering system | 48,637,818 | 39,126,583 | 10,403,855 | 9,167,983 | 10,061,324 |
| From other gathering systems | 81,119,157 | 57,912,692 | 17,083,747 | 16,401,484 | 17,565,867 |
| From foreign transmission lines | 1,560,130 | 3,242,518 | - | - | - |
| Total net receipts | 131,317,105 | 100,281,793 | 27,487,602 | 25,569,467 | 27,627,191 |
| From Canadian transmission lines | 60,668,125 | 31,883,740 | 13,198,742 | 12,105,863 | 12,652,152 |
| From storage | 6,741,920 | 8,059,819 | 2,067,570 | 2,190,235 | 2,350,610 |
| Total gross receipts | 198,727,150 | 140,225,352 | 42,753,914 | 39,865,565 | 42,629,953 |
| <u>Natural gas delivered out of system</u> | | | | | |
| To distribution systems | 82,787,110 | 61,226,818 | 19,200,870 | 18,023,490 | 19,461,098 |
| To foreign transmission lines | 42,590,344 | 38,599,849 | 8,473,024 | 8,201,864 | 8,544,913 |
| To industrial consumers | 6,322,820 | 5,166,364 | 1,310,045 | 1,267,283 | 1,351,691 |
| To others | 710 | 821 | 165 | 146 | 206 |
| Total net deliveries | 131,700,984 | 104,993,852 | 28,984,104 | 27,492,783 | 29,357,910 |
| To Canadian transmission lines | 60,668,125 | 31,883,740 | 13,198,742 | 12,105,863 | 12,652,152 |
| To storage | 4,109,284 | 1,668,827 | - | - | - |
| Total gross deliveries | 196,478,393 | 138,546,419 | 42,182,846 | 39,598,646 | 42,010,062 |
| <u>Pipeline fuel</u> | | | | | |
| Pipeline fuel | 1,749,463 | 1,011,994 | 381,591 | 360,440 | 374,314 |
| Pipeline losses and metering differences | 643,522 | 837,970 | 172,271 | 58,573 | 126,036 |
| Line pack fluctuations | - 144,228 | - 171,031 | 17,206 | - 152,094 | 119,541 |
| Total disposition of receipts | 198,727,150 | 140,225,352 | 42,753,914 | 39,865,565 | 42,629,953 |

* Thousands cubic feet at 14.73 pounds per square inch absolute, 50° F. and 1.000 B.T.U.

NATURAL GAS TRANSMISSION BY MONTH

January to May, 1960

MCF*

| April | May | June | July | August | September | October | November | December |
|------------|------------|------|------|--------|-----------|---------|----------|----------|
| 9,447,808 | 9,556,848 | | | | | | | |
| 15,143,517 | 14,924,542 | | | | | | | |
| 735,185 | 824,945 | | | | | | | |
| 25,326,510 | 25,306,335 | | | | | | | |
| 11,367,347 | 11,344,021 | | | | | | | |
| 133,505 | - | | | | | | | |
| 36,827,362 | 36,650,356 | | | | | | | |
| 13,933,133 | 12,168,519 | | | | | | | |
| 8,717,725 | 8,652,816 | | | | | | | |
| 1,168,833 | 1,224,968 | | | | | | | |
| 116 | 77 | | | | | | | |
| 23,819,807 | 22,046,380 | | | | | | | |
| 11,367,347 | 11,344,021 | | | | | | | |
| 1,325,749 | 2,783,535 | | | | | | | |
| 36,512,903 | 36,173,936 | | | | | | | |
| 316,507 | 316,611 | | | | | | | |
| 144,625 | 142,017 | | | | | | | |
| - 146,673 | 17,792 | | | | | | | |
| 36,827,362 | 36,650,356 | | | | | | | |

NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960

