# DOMINION BUREAU OF STATISTICS OTTAWA - CANADA 

MONTHLY

## ELECTRIC POWER STATISTICS

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\text { JANUARY, } 1962
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& \text { WINION BUREAU } \\
& \text { OF STATISTICS }
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Firms having an annual minimum generation of apprdfifately 10 million kilowatt hours increased their total net generation by 6,1 per cent to $10,598,198$ mwh. in January 1962, from the $9,988,931$ wwh. generatuedih tie safie month one year ago.

Generation by industrial establishments increased 2.9 per cent to 2,241 , 797 mwh. from 2,178,525 mwh. and the utilities increased their generation by 7.0 per cent to $8,356,401$ mwh. from $7,810,406$ wwh.

Exports increased to 401,507 mwh. from 278,199 and imports increased to 233,032 mat. trom 06,936.

The amount macie avaitable For primary purposes increasec by 6.9 per cent to 9,884, 189 mwh . from 9,243,021 thereby decreasing the amount used in electric boilers by 2.5 per cent to $550,534 \mathrm{mwh}$. from 564,647 .

Total net generation for the twelve month period ending January, 1962 amounted to $113,823,505 \mathrm{mwh}$.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "amount made available for use in Canada" is the sum of net goceration, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "amount made available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section
Public Finance \& Transportation Division
8506-500-12

Januar:

| No. |  | Canada | Newfoundland | Prince Edwatd Is land | Nova Scotia |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | thousand | Wh. |  |
|  | January, 1962 |  |  |  |  |
| 1 | Net generation - Utilities: Hydro ............................... | 7,409,234 | 84,571 | - | 64,097 |
| 2 | Thermal .......................... | 947,167 | 8,831 | 9,200 | 110,143 |
| 3 | Totala ........................ | 8,356,401 | 93,402 | 9,200 | 174,240 |
| 4 | Industry: Hydro. | 2,021,823 | 31,136 | - | 3,315 |
| 5 | Thermal | 219,974 | 5,356 | - | 9, 1.45 |
| 6 | Totals | 2,241,797 | 36,492 | - | 12,750 |
| 7 | Total net generation | 10,598,198 | 129,894 | 9,200 | 186,990 |
| 8 | Energy imported; From other provinces ........................ | - $\quad$ - | - | - | 18 |
| 9 | From United States | 238,032 | - | - | - |
| 10 | Totals | 238,032 | - | - | 18 |
| 11 | Energy exported: To otiter provinces | - ${ }^{\text {a }}$ | 8,000 | - | 18,520 |
| 12 | To United States - Primary | 97,023 | - | - | - |
| 13 | Secondary | 304,484 | - | - | 18.520 |
| 14 | Totald ........................................ | 401,507 | 8,000 | * | 18. 520 |
| 15 | Net energy available in Canada | 10,434,723 | 121,894 | 9,200 | 168,488 |
| 16 | Amount used in electric boilers | 550,534 | 2,264 | - |  |
| 17 | Net energy available, less mount used in boilers ........... | 9,884,189 | 119,630 | 9,200 | 168,488 |
|  | Eanuary, 1961 |  |  |  |  |
| 18 | Total net generation . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 9,988,931 | 123,576 | 8,154 | 169,178 |
| 19 | Total energy imported | 96,936 | - - | - |  |
| 20 | Total energy exported | 278,199 | 6,503 | = | 12,497 |
| 21 | Net energy avallable in Canada ................................. | 9,807,668 | 117,073 | 8,154 | 156, 100 |
| 22 | Amount used in electric boilers ............................ | 564,647 | 1,555 | 5 |  |
| 23 | Net energy available, less amount used in boilers ........... | 9,243,021 | 115,518 | 8,154 | 156,300 |

TABLE 2. Electric Energy Statiatics, Cumulative Totala


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A. 1 •uary

| Sew irunswitick | Quebec | Oncerio | Manitasa | Saskatchewan | Alberta | Britioh Columbia | Yukon and N.W.T. | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | thous | h. |  |  |  |  |
| 69,387 | 3,343,549 | 2,712,280 | 345,476 | 56,798 | 115,231 | 603,900 | 13,945 | 1 |
| 38,245 | 109 | 272,346 | 44, 155 | 191,591 | 244,699 | 25,720 | 2,128 | 2 |
| 107,632 | 3,343,658 | 2,984,626 | 389,631 | 248,389 | 359,930 | 629,620 | 16,073 | 3 |
| 4,502 | 1,219,315 | 137.195 | 4,892 | 4,921 | - | 613,165 | 3,382 | 4 |
| 48,425 | 22,851 | 59,790 | - | 1,886 | 25,339 | 46,892 | - | 5 |
| 52.927 | 1,242,166 | 196,985 | 4,892 | 6,807 | 25,339 | 660,057 | 3,382 | 6 |
| 160,559 | 4, 585, 824 | 3,181,611 | 394, 523 | 255,196 | 385,269 | 1,289,677 | 19,455 | 7 |
| 20,634 | 9,976 | 595,659 | 89,573 | 955 | 1,771 | - | - | 8 |
| 1,581 | . 65 | 234, 922 | 89,573 | - | 1,77 | 1,464 | - | 9 |
| 22,215 | 10,041 | 830,581 | 89,573 | 955 | 1,771 | 1,464 | - | 10 |
| 18 | 597,773 | 32,877 | 955 | 58,672 | - | 1,771 | - | 11 |
| 12,832 | 29,093 | 54,974 | 6 | - | - | 118 | - | 12 |
| 3,752 | 5,678 | 293,637 | - | - | - | 1,417 | - | 13 |
| 16,602 | 632,544 | 381,488 | 961 | 58,672 | - | 3,306 | - | 14 |
| 166,172 | 3,963,321 | 3,630,704 | 483,135 | 197,479 | 387,040 | 1,287,835 | 19,455 | 15 |
| $14$ | 443,679 | 62,973 | $759$ | - | 88 | 1, 35,349 | 5,496 | 16 |
| 166,158 | 3,519,642 | 3,567,731 | 482,376 | 197,479 | 387,040 | 1,252,486 | 13,959 | 17 |
| 148,476 | 4,407,280 | 2,969,302 | 357, 522 | 229,842 | 333,118 | 1,226,573 | 15,911 | 18 |
| 15,712 | 8,629 | 659,509 | 95,332 | 391 | 899 | 1,898 | - | 19 |
| 11,879 | 607,185 | 262,211 | 395 | 58,441 | 398 | 4,143 | - | 20 |
| 152,309 | 3,808, 724 | 3,256,600 | 452,459 | 171,791 | 3?3.519 | 1,224,328 | 15,911 | 21 |
| - | 444, 304 | 56,855 | 26,826 |  |  | 27,182 | 4,925 | 22 |
| 132,309 | 3,361,420 | 3,309,745 | 425,633 | 171.791 | 333,619 | 1,197,146 | 10,986 | 23 |

TABLE 2. Electric Energy Statistics, Cumulative Totsis
thousand lowh.

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TABLE 3. Rlectric Energy Made Availalis

January, 1962

| Month | Total net generalion | Imports from United States | Exports to United States | Total made available in Canada | Amount used in Electric Bollers | available less amount used in electric boilers | Daily averara, total net generation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Jenuary <br> February <br> March <br> April <br> May <br> June <br> July <br> August <br> September <br> October <br> November <br> December .... <br> Year | 10,598,198 | 238,032 | 401,507 | housand kwh. $10,434,723$ | 550,534 | 9,884,189 | 341,877 |

TABLE 4. Net Generation, 1950-62
CANADA



[^0]:    Figures not appropriate or not applica! ?

