(atalogue No.
57-001
MONTHLY

# DOMINION BUREAU OF STATISTICS 

## OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

## ELECTRIC POWER STATISTICS

JANUARY 1963

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 0.6 per cent to $10,672,637$ mwh. in January 1963 from $10,604,333 \mathrm{mwh}$. one year ago.

Industrial establishments increased their generation 1.2 per cent to 2,270 , 287 mwh. from $2,242,294$ mwh. and utilities increased their generation 0.5 per cent to $8,402,350$ mwh. from $8,362,039$ uwh.

Exports decreased to 335,896 mwh. from 403,867 mwh. and imports increased to 264,530 mwh. from 238,032 mwh. in January 1962.

The amount made avallable for primary uses increased 3.1 per cent to 10,195, 346 mwh. from $9,887,964$ mwh. while the amount used in electric boilers decreased 26.3 per cent to 405,925 mwh. from 550,534 mwh. in 1962 .

Total net generation for the twelve-month period ending January 31, 1963 amounted to $116,946,409$ uwh.

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 99.6 per cent of total production in 1960 .

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, 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 "available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section Public Finance and Transportation Division


TABLE 1. Electric Energy Statistics
January 1963


TABLE 2. Electic Erergy Seariaries, Cumulative Totals
thousand kwh


Total net generation
 From United States Totsis...

Energy exported: To other provinces
To United States - Primary
Totals ...............................................
Net energy avillable in Coneda
Amount used in electric botlers
Net energy wallable, less amount used in boilers

Totel net gemeration
Total energy imported
Total energy exported
Net energy vadlable in Canada
Amount used in electric boilers
Net energy available, less amount used in bollers $\qquad$

Th. Wio 1. Flectric Energy Statistics
1anuary 1963

|  | (uaxa | Antarl: | Mant toba | Saskutchewan | Alberta | 8ritish Columbia | Yukon and N.W.T. | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| thousand kwh. |  |  |  |  |  |  |  |  |
| 72,150. | 2,873,400. | 2,283,521. | 425,825 | 59,009 | 57,279 | 647,516 | 14,526 | 1 |
| 59,399 | 2,873, 97 | 995,021 | 18,837 | 218,832 | 344,840 | 38,258 | 2,410 | 2 |
| 131,549 | 2,873,497 | 3,278,542 | 444,662 | 277,841 | 402,119 | 685,774 | 16,936 | 3 |
| 3,924. | 1,288,3671 | 107,502 | 5,027 | 3,550. | - | 612,687 | 3,379 | 4 |
| 41,725 | , 25,356 | 49,139 | - | 3,786 | 27,486 | 49,457 | - | 5 |
| 45,649 | 1,313,723 | 156,641 | 5,027 | 7,336 | 27,486 | 662,144 | 3,379 | 6 |
| 177,198 | 4, 187,220 | 3,435,183 | 449,689 | 285,177 | 429,605 | 1,347,918 | 20,315 | 7 |
| 11,181 | 48,497 | 425,605 | 90,548 | 6,409 | 1,816 | - | - | 8 |
| 1,817 | . 67 | 261,137 | 90, 548 | 6,409 | 1,816 | 1,509 | - | 9 |
| 12,998 | 48,564 | 686,742 | 90,548 | 6,409 | 1,816 | 1,509 | - | 10 |
| 419 | 427,734 | 72,879 | 6,545 | 61,271 | - | 1,816 | - | 11 |
| 13,843 | 1,402 | 54,230 | 2 | - | - | 168 | - | 12 |
| 4,988 | 18,452 | 241,380 |  | - | - | 1,431 | - | 13 |
| 19,250 | 447,588 | 368,489 | 6,547 | 61,271 | - | 3,415 | - | 14 |
| 170,946 | 3,788,196 | 3,753,436 | 533,690 | 230,315 | 431,421 | 1,346,012 | 20,315 | 15 |
| - | 300,836 | 41,870 | 15,001 | 147 | 131, $=$ | 13,470 | 5,503 | 16 |
| 170,946 | 3,487,360 | 3,711,566 | 518,689 | 230,168 | 431,421 | 1,312,542 | 14,812 | 1) |
| 160,559 |  |  | 394,523 | 255,196 | 388,001 | 1,285,801 | 19,455 | 18 |
| 22,215 | 9,892 | 830,397 | 89,573 | 955 | 1,771 | 1,464 | - | 19 |
| 15,602 | 632,360 | 383,829 | 961 | 58,672 | -89 $77{ }^{*}$ | 3,325 | 19.455 | 20 |
| 165,172 | 3,970,635 | 3,628,179 | 483,135 | 197,479 | 389,772 | 1,283,940 | 19,455 | 21 |
| - 14 | 443,679 | 62,973 | . 759 |  | * | 35,349 | 5,496 | 22 |
| (65),158 | 3,526,956 | 3,565,206 | 482,376 | 197,479 | 389.772 | 1,248,591 | 13,959 | 23 |

TABLE 2. Electric Energy Statiatica, Cumulative Totals
thousand kwh.


TABLE 3. Electric Energy Made Available
January 1963

| Month | Total net generation | Imports from United States | Exports to United States | Total made available in Canada | Amount used in electric boilers | Total made available <br> less amount used in <br> electric bollers | Daily average, total net generation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| January .... <br> Eebruary <br> March <br> April <br> May <br> June <br> July <br> August <br> September <br> October <br> November <br> December <br> Year | 10,672,637 | 264,530 | $335,896$ | thousand $k w$ $10,601,271$ | $405,925$ | $10,195,346$ | 344,278 |

TABLE 4. Net Generation, 1951-63
CANADA


