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ELECTRIC PONER STATISTICS
March, 1960

Monthly electric power statistics are designed to profle curirent 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 mindmum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1958.

Prior to 1957, statistics in the monthly series related only to power produced for sale. This included all of the energy produced by electric utilities but only a comparatively small amount of the generation of industrial establishments which are defined as concerns which generate electricity primarily for use in own plant. Since January 1957 when industrial establishments comenced reporting their entire production, the industrial group has accounted for approximately 21 per cent of the total production of electric energy in Canada.

Early in 1957, industrial establishments were asked to provide generation figures on the revised basis for the period 1949-1956. In some instances estimates had to be made. The results for Canada and the provinces were published as a supplement to the June 1957 report. The Supplement issued with the January 1960 report brings the provincial historical tables up to date and in line with Canada totals which are shown regularly in the monthly report.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers, As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to $10,068,585$ megawatt hours in March, 1960 , a rise of 14.2 per cent over the $8,813,393 \mathrm{mwh}$. generated one year ago. Generation by utilities rose 17.2 per cent to $7,818,369$ wwh. while production by industrial establishments increased 23.9 per cent to $2,250,216 \mathrm{mwh}$.

The amount of electric energy made available for use in Canada in March rose 14.2 per cent to $9,722,340 \mathrm{mwh}$. from 8,514,811 in 1959. Net exports to the United States increased 16.0 per cent with imports up $20,222 \mathrm{mwh}$. to 61,292 and exports up 67,885 to 407,537 .

Electric energy used in electric boilers showed a rise of 24.5 per cent to $755,506 \mathrm{mwh}$. With the result that the amount remaining for largely non-secondary uses increased 13.4 per cent to $8,966,834 \mathrm{mwh}$. from $7,907,845$.

Prepared in the Public Utilities Section

Electric Energy Made Available


Cumuletive totals, January - March, 1960


[^0]March, 1960

| New Bruntwick | Quebec | Onterio | Menitobe | Sasketchewan | Alberta | British <br> Coluabia | Yukon and N.W.T. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (Thousand kwh.) |  |  |  |  |  |  |
| 63,101 | 3,221,433 | 2,865,504 | 337,961 | 52,505 | 68,861 | 500,836 | 8,616 |
| 45,720 | 9,289 | 21,197 | 8,023 | 139,549 | 207,105 | 18,740 | 1,099 |
| 108,821 | 3,230,722 | 2,886,701 | 345,984 | 192,054 | 275,966 | 519,576 | 9,715 |
| 2,738 | 1,294,177 | 132,461 | 3,735 | 2,992 | - ${ }^{-}$ | 558.131 | 3,228 |
| 42,280 | 19,646 | 55,515 |  | 4,713 | 28,311 | 58,659 | - |
| 45,018 | 1,313,823 | 187,976 | 3,735 | 7,705 | 28,311 | 616,790 | 3,228 |
| 153,839 | 4,544,545 | 3,074,677 | 349,719 | 199,759 | 304,277 | 1,136,366 | 12,943 |
| 1,731 | 8,042 | 609,424 | 71,802 | 583 | 1,413 | 486 | - |
| 1, 155 |  | 16,330 |  | - | 1,413 | 44.755 | - |
| 1,886 | 8,094 | 625,754 | 71,802 | 583 | 1,413 | 45,241 | - |
| -7 | 609,782 | 18,805 | 321 | 54,621 | 749 | 1,413 | - |
| 3,720 | 42,293 | 61,545 | - | , 61 | - | 130 | - |
| 8,847 | 6,674 | 283, 867 | 3 | 54, $=$ | - | 458 | - |
| 12,567 | 658,749 | 364, 217 | 324 | 54,621 | 749 | 2,001 | - |
| 143,158 | 3,893,890 | 3,336,214 | 421,197 | 145.721 | 304,941 | 1,179,606 | 12,943 |
|  | 606,951 | 63,534 | 55,408 |  | -4, | 15,329 | 1,726 |
| 143,158 | 3,286,939 | 3,272,680 | 365,789 | 145,721 | 304,941 | 1,164,277 | 11,217 |

Cumulative totals, January = March, 1960


Jenuery - Merch, 1960

| Month | Totsl net generation | Imports from United States | Exports to United States | Total mede avallable in Canada | Total made available less amount used in boilers | Daily Average |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Total net generation | Total made aveilable |
|  | (Thoueand kwh.) |  |  |  |  |  |  |
| Januery | * 9,893,665 | 22,441 | 403,135 | + 9,512,971 | * 8,808,489 |  |  |
| February | + 9,440,925 | 13,895 | 347,740 | $* 9,107,080$ | $+8.416,990$ | $\text { * } 325,548$ | $\text { * } 314,037$ |
| Merch .. | 10,068,585 | 61,292 | 407,537 | $9,722,340$ | $8,966,834$ | $324,793$ | 313,624 |
| Apri1....... |  |  |  |  |  |  |  |
| Mey .......... |  |  |  |  |  |  |  |
| June ......... |  |  |  |  |  |  |  |
| July ......... |  |  |  |  |  |  |  |
| August ....... |  |  |  |  |  |  |  |
| September |  |  |  |  |  |  |  |
| October .... |  |  |  |  |  |  |  |
| November .. |  |  |  |  |  |  |  |
| December ..... |  |  |  |  |  |  |  |
| Total ...... |  |  |  |  |  |  |  |

Net generation, 1949-1960
CANADA


[^1]
[^0]:    1. Inciudes interruptible and at-will energy and energy used in electric boilers
[^1]:    * Revised

