

# DOMINION BUREAU OF STATISTICS <br> OTTAWA - CANADA 

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## ELECTRIC POWER STATISTICS

November, 1959
Monthly electric power statistics have been published on the present basis since January 1957. The "Central Electric Stations" series discontinued at that time dealt exclusively with power produced for sale, whether by utilities or by industrial establishments servicing adjoining communities or selling small amounts of power to regular customers. Specifically excluded from the "Central Electric Stations" report was power produced by industry for own use. The revised series which includes this production is therefore a much more reliable economic indicator.

Although the revised series embraces both power produced for own use and power produced for sale it does not reflect the entire production of electric energy in Canada. In order to expedite collection and compilation of returns only firms which generate at least 10 million kilowatt hours per annum are asked to report monthly statistics. These firms, however, were found to have accounted for 99.1 per cent of total production in 1957.

Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy produced for use in electric boilers, which is the only form of secondary consumption that can be isolated for all provinces, is deducted from energy made available in order to produce a figure more closely approximating primary consumption.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to $9,327,104$ megawatt hours in November 1959, a rise of 10.2 per cent over the $8,464,210$ mwh generated one year ago. Generation by utilities went up 11.9 per cent to $7,484,451$ mwh while the industrial figure showed an increase of 3.9 per cent to $1,842,653$ uwh.

The amount of electric energy made avallable for use in Canada in November rose 10.2 per cent to $8,907,480$ wwh from $8,080,611$ in 1958 with imports increasing to 23,861 mwh from 11,221 and exports to $443,485 \mathrm{mwh}$ from 394,820 . Since the amount of energy used in electric boilers increased only 5.8 per cent to 546,185 mwh from 516,023, the total available after deducting energy used in electric boilers showed a rise of 10.5 per cent to $8,361,295 \mathrm{mwh}$ from $7,564,588$.

Net generation in the first eleven months of the year totalled $94,095,839$ mwh compared with $87,902,199$ in the same period of 1958 , an increase of $6,193,640$ mwh or 7.0 per cent. Energy made available less the amount used in electric boilers increased 7.6 per cent to $84,910,167$ from $78,916,494$.

Prepared in the Transportation and Public Utilities Section

## Elactric Enargy Made Available

November 1959

|  | Cansda | Newfoundland | Prince Edward Is land | $\begin{aligned} & \text { Noval } \\ & \text { Scot is } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | (Thousand kwh.) |  |  |  |
| Net generation |  |  |  |  |
| Utilities: |  |  |  |  |
| Hydro ................................................... | 7,036,754 | 80,797 | - | 63,365 |
| Thermal 1 .................................................... | 447,697 | 1,867 | 6,542 | 68,399 |
| Total .................................................... | 7,484,451 | 82,664 | 6,542 | 131,784 |
| Industry: |  |  |  |  |
| Hydro ........................................................ | 1,666,638 | 30,463 | - | 3,417 |
| Therman . .................................................. | 176,015 | 1,595 | - | 9,184 |
| Total ....................................................... | 1,842,653 | 32,058 | - | 12,601 |
| Total net generation ....................................... | 9,327,104 | 114,722 | 6,542 | 144,365 |
| Energy imported: |  |  |  |  |
| From other provinces ..................................... | kxx | - | - | - |
| From United States $\qquad$ | 23,861 | - | - | - |
| Total | 23,861 | - | - | - |
| Energy exported: |  |  |  |  |
| To other provinces .......................................... | xxx | 5,044 | - | 1,372 |
| To United Stateg - primary ................................... | 107,724 | - | - | - |
| Total secondery ................................................................................. | 335,761 443,485 | 5,044 | - | 1,372 |
| Energy made available in Canadal | 8,907,480 | 109,678 | 6,542 | 142,993 |
| Amount used in electric boilers | 546,185 | 1,266 | - | - |
| Energy made available less amount used in bodlers ......... | 8,361,295 | 108,412 | 6,542 | 142,993 |

Cumulative totala, January - November 1959


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## Blectric Energy Made Avallable

November 1959

| New Brunswick | Quebec | Onterio | Menitoba | Saskatchewan | Alberta | British <br> Columbia | Yukon and N.W.T. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (Thousand kwh.) |  |  |  |  |  |  |
| 99,954 | 3,018,907 | 2,796,861 | 327,131 | 47,538 | 68,889 | 524,553 | 8,759 |
| 11,687 | 144 | 12,622 | 4,360 | 129,313 | 194,082 | 17,666 | 1,015 |
| 111,641 | 3,019,051 | 2,809,483 | 331,491 | 176,851 | 262,971 | 542,219 | 9,774 |
| 6,956 | 975,826 | 125,215 | 3,559 | 2,809 | . 150 | 515,128 | 3,265 |
| 34,934 | 14,804 | 47,487 |  | 4,751 | 20.158 | 43,102 | 3, - |
| 41,890 | 990,630 | 172,702 | 3,559 | 7,560 | 20,158 | 558,230 | 3,265 |
| 153,531 | 4,009,681 | 2,982,185 | 335,050 | 184,411 | 283,129 | 1,100,449 | 13,039 |
| 2,879 | 6,488 | 558,505 |  |  | 3,514 | 37 | - |
| 5 | - 56 | 18,575 |  | - |  | 5,225 | - |
| 2,884 | 6,544 | 577,080 | 60,852 | 701 | 3,514 | 5.262 | - |
| - | \$60,012 | 12,466 | 292 | 49,830 | 446 | 3,514 | - |
| 3,600 | 41,684 | 62,329 | 3 | - | - | 108 | - |
| 14,093 | 1,106 | 319,438 | - | - | - | 1,124 | - |
| 17,693 | 602,802 | 394,233 | 295 | 49,830 | 446 | 4,746 | - |
| 138,722 | 3,413,423 | 3,165,032 | 395,607 | 135,282 | 286,197 | 1,100,965 | 13,039 |
| 471 | 455,367 | 36,766 | 38,258 | , | - | 11,814 | 2,243 |
| 138,251 | 2,958,056 | 3,128,266 | 357,349 | 135,282 | 286,197 | 1,089,151 | 10,796 |

Cumulative totsis, Januery - November 1959


## Rlectric Enexgy Mad Available

January - November 1959


Net generation, 1949-1959
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[^1]
[^0]:    1. Includes interruptable and at will energy and energy uaed in electric bollers.
[^1]:    * Revised

