## ELECTRIC POWER STATISTICS <br> OCTOBER, 1961

In the month of October, 1961, total net generation by firms having a minimum annual generation of 10 million kilowatt hours increased by 1.4 per cent to 9,714,016 mph. from the $9,577,804$ mph. generated in the same period one year ago.

Industrial establishments decreased their generation by 4.0 per cent to $2,069,151$ kwh. from $2,154,344$ and the utilities increased their generation by 3.0 per cent to $7,644,865$ mph. from $7,423,460$.

Exports decreased to 331,618 wwh. from 411,601 and imports increased to 137,478 nth. from $40,193$.

The amount made available for primary purposes increased by 4.6 per cent to $9,034,611$ mph. from $8,635,893$ thereby decreasing the amount for use in electric boilers to 485, 265 mph. from 570,503.

Canadian generation for the twelve month period ending October 31, 1961 amounted to $112,547,041$ uh.

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 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 "amount made available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section
Public Finance \& Transportation Division


Ctober, 1961


Cumulative totals, January = October, 1961

| 753,159 | 29,446,224 | 26,731,272 | 2,898,166 | 511,887 | 816,002 | 5,136,581 | 100,023 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 303,573 | 14,872 | 422,908 | 180,283 | 1,452,696 | 1,946,108 | 186,250 | 15,512 |
| 8,056,732 | 29,461,096 | 27,154,180 | 3,078,449 | 1,964,583 | 2,762,110 | 5,322,831 | 115,535 |
| 45,482 | 11,267,250 | 1,178,201 | 42,647 | 28,781 | - ${ }^{-}$ | 4,823,037 | 40,641 |
| 409,457 | 211,121 | 533,902 | - | 45,745 | 256,658 | 462,485 | - |
| 454,939 | 11,478,371 | 1,712,103 | 42,647 | 74,526 | 256,658 | 5,285,522 | 40,641 |
| 1,511,671 | 40,939,467 | 28,866, 283 | 3,121,096 | 2,039,109 | 3,018,768 | 10,608,353 | 156,176 |
| 102,370 | 82,573 | 4,693,326 | 751,303 | 4.231 | 30,811 | 913 | - |
| 11,507 | 491 | 909,133 | - - | - | - | 14,311 | - |
| 113,877 | 83,064 | 5,602,459 | 751,303 | 4,231 | 30,811 | 15,224 | - |
| 15,377 | 4,708,606 | 217.731 | 4,499 | 550,047 | 913 |  | - |
| 97,710 | 285,206 | 536,255 | - | - | - | 1,426 | - |
| 64,234 | 47,678 | 2,401,282 | 29 | -50, | - | 15,034 | - |
| 177,321 | 5,041,490 | 3,155,268 | 4,528 | 550,047 | 913 | 47,271 | - |
| 1,448,227 | $35,981,041$ $4,224,336$ | $\begin{array}{r} 31,313,474 \\ 415,232 \end{array}$ | $\begin{array}{r} 3,867,871 \\ 53,581 \end{array}$ | $1,493,293$ | 3,048,666 | $10,576,306$ 179,350 | $1,66,176$ 36,682 |
| 1,447,478 | 31,756,705 | 30,898,242 | 3,814,290 | 1,493,293 | 3,048,666 | 10,396,956 | 119,494 |
| 121,927 | 4,362,087 ${ }^{\text {r }}$ | 2,841,285 ${ }^{\text {r }}$ | 301, $276^{8}$ | 195,109 | 288,364 ${ }^{\text {r }}$ | 1,148,599 | 14,627 |
| 28,301 ${ }^{\text {r }}$ | 9,262 | 593,836 | 60,343 | 509 | 2,573 | 1,573 | . |
| 12,777 | 603,888 | 358,054 | 302 | 55,126 |  | 4,038 | - |
| 137,451 | 3,767,461 ${ }^{\text {r }}$ | 3,077,067 ${ }^{\text {r }}$ | 361,317 ${ }^{\text {r }}$ | 140,492 | 290,641 | 1,146,134 | 14,627 |
|  | 491,004 | 46,467 | 11,484 |  |  | 15,626 | $2,807$ |
| 137,451 | 3,276,457 | 3,030,600 ${ }^{\text {r }}$ | 349,833 ${ }^{\text {r }}$ | 140,492 | 290,6.41 ${ }^{\text {r }}$ | 1,130,518 | $11,820$ |
| 1,409,421 | 41,620,5211 | 29,875,926 ${ }^{\text {r }}$ | 3,146,9375 | 1,842,051 | 2,780,320 | 10,962,093 ${ }^{5}$ | 135,181 |
| 88,145 ${ }^{\text {r }}$ | 82,351 | 4,954,176 ${ }^{2}$ | 606,287 | 5,460r | 27,449 | 68,166 | , |
|  | 5,281,737 ${ }^{\text {r }}$ | 4,317,017 | 3,067 ${ }^{5}$ | 507,353 | 4,623 | 42,629 | 135. |
| 1. $364,976^{8}$ | 36,421,125 ${ }^{\text {r }}$ | 30,513,085 ${ }^{\text {r }}$ | 3,750,154 ${ }^{\text {r }}$ | 1,340, $158^{\text {r }}$ | 2,803,146 ${ }^{5}$ | 10,987,630 ${ }^{\text {r }}$ | 135,181 |
| 1,364 | 5,091,400 | 492,168 | $325,957$ |  |  | 185,350 | $21,677$ |
| $1,363,612^{\text {r }}$ | 31,329, $725^{\text {r }}$ | $30,020,917^{\tau}$ | 3,424,200 ${ }^{\text {r }}$ | 1,340,158 ${ }^{\text {r }}$ | 2,803,146 ${ }^{\text {r }}$ | 10,802,280 ${ }^{\text {r }}$ | 113,504 |



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Net Generation, 1949-61
CAMADA

| Tear and montb |  | Utilities |  |  | Industry |  |  | Grand total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Rydro | Therem 1 | Totel | Hydro | Thermal | Total |  |
|  |  | thousand kwh. |  |  |  |  |  |  |
| 1949 | .............. | 35,783,737 | 1,390,562 | 37,174,299 | . | - | 12,889,749 | $50,064,048$ |
| 1950 | ................ | 39,342,277 | 1,647,557 | $40,989,834$ | - | . | 13,428,593 | $54,418,427$ |
| 1951 | .............. | 45,819,227 | 1,732,652 | 47,551,879 | - | . | 13,369,527 | 60,921,406 |
| 1952 | .............. | 49,156,895 | 2,222,115 | 51,379,010 | - | , | 14,086,950 | 65,465,960 |
| 1953 | ............... | 49,160,361 | 3,797,345 | 52,957,706 | . | . | 16,400,824 | 69,358,530 |
| 1954 |  | 51,713,904 | 3,178,434 | 54,892,338 | - | * | 17,547,555 | 72,439,893 |
| 1955 | ................ | $57,996,293$ | 3,197,153 | 61,193,446 | . | . | 18,381,161 | 79,574,607 |
| 1956 | ................ | 64,013,966 | 4,292,898 | 68,306,864 | 17, ${ }^{\text {• }}$ | 1, ${ }^{\text {- }}$ | 19,119,968 | 87,426,832 |
| 1957 |  | 65,817,043 | 5,572,995 | 71,390,038 | 17,155,908 | 1,714,697 | 18,870,605 | 90,260,643 |
| 1958 |  | 70,838,966 | 4,690,734 | 75,529,700 | 19,409,459 | 1,816,609 | 21,226,068 | 96,755,768 |
| 1959 |  | 77,251,848 | 5,286,363 | 82,538,211 | 19,265,330 | 2,052,553 | 21,317,883 | 103,856,094 |
| 1960 | ............ | 83,024,886 | 5,957,983 | 88,982,869 | 22,743,499 | 2,309,691 | 25,053,190 | 114,036,059 |
| 1960 | Jenuery ... | 7,321,813 | 506,537 | 7,828,350 | 1,869,453 | 191,342 | 2,060,795 | $9,889,145$ |
|  | Tebruary. | 6,933,208 | 467,430 | 7,400,638 | $1,856,992$ | $186,235$ | $2,043,227$ | $9,443,865$ |
|  | March .... | 7,291,110 | 530,015 | 7,821,125 | 2,028,749 | $221,539$ | $2,250,288$ | $10,071,413$ |
|  | Apri1 ......... | 6,881,069 | 414,701 | 7,295,770 | 1,929,442 | 185,718 | 2,115,160 | 9,410,930 |
|  | May ......... | 5,987,146 | 404,634 | 7,391,780 | 1,778,285 | 198,438 | 1,976,723 | 9,368,503 |
|  | June | 6,778,899 | 385,971 | 7,164,870 | 1,778,372 | 191,699 | 1,970,071 | 9,134,941 |
|  | July | $6,641,461$ | 405,961 | 7,047,422 | 1,835,921 | 173,328 | 2,009,249 | 9,056,671 |
|  | August | 6,717,367 | 494,189 | 7,211,556 | 1,926,008 | 188,688 | 2,114,696 | 9,326,252 |
|  | Septeraber | 6,625,090 | 539,748 | 7,164,838 | 1,895,961 | 194,847 | 2,090,808 | $9,255,646$ |
|  | October ... | 6,821,417 | 602,043 | 7,423,460 | 1,962,466 | 191,878 | 2,154,344 | $9,577,804$ |
|  | Noveraber.. | 6,893,835 | 581,128 | 7,474,963 | 1,918,275 | 197,289 | 2,115,564 | $9,590,527$ |
|  | December | 7,132,471 | 625,626 | 7,758,097 | 1,963,575 | 188,690 | 2,152,265 | 9,910,362 |
| 1961 | Jemunty | 7,127,301 | 683,105 | 7,810,406 | 1,968,635 | 207,259 | 2,175,894 | 9,986,300 |
|  | February | 6,345,114 | 656,601 | 7,001,715 | 1,811,204 | 202,058 | 2,013,262 | 9,014,977 |
|  | March | 6,983,874 | 614,876 | $7,598,750$ | 2,046,435 | 219,620 | 2,266,055 | $9,864,805$ |
|  | $\text { April } 1$ | $6,824,671$ | 493,689 | 7,318,360 | 1,907,477 | 191,282 | 2,098,759 | $9,417,119$ |
|  | May | $7,108,261$ | 495,902 | 7,604,163 | 1,880,146 | 202,618 | 2,082,764 | $9,686,97 \%$ |
|  | June | 6,600,943 | 420,047 | 7,020,990 | 1,674,698 | 207,349 | 1,882,047 | 8,903,037 |
|  | July | 6,475,900 | 465,447 | $6,941,347$ | 1,502,076 | 196,249 | 1,698,325 | 8,639,67 |
|  | Auguet | 6,526,017 | 551,419 | 7,077,436 | 1,539,842 | 211,940 | 1,751,782 | 8,829,215 |
|  | September | 6,590,943 | 612,425 | 7,203,368 | 1,577,823 | 208,890 | 1,786,713 | 8,990,041 |
|  | October ....... | 7,002,617 | 642,248 | -7,644,865 | 1,859,552 | 209,599 | 2,069,151 | 9,714,015 |
|  | Movember . .... |  |  |  |  |  |  |  |
|  | Decester . |  |  |  |  |  |  |  |

