

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 miliion 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 $8,288,989$ megawatt hours in June 1959, an increase of 11.0 per cent over the $7,466,241 \mathrm{mwh}$. generated a year ago. Generation by utilities rose 13.0 per cent to $6,531,411$ mwh. while the industrial total increased 4.1 per cent to $1,757,578 \mathrm{mwh}$.

Electric energy made available for use in Canada in June increased 8.3 per cent to $7,832,166$ mwh. from $7,234,232$ wwh. in 1958. Imports from the United States rose 1.8 per cent to $24,365 \mathrm{mwh}$. While exports increased 88.0 per cent to 481,188 mwh. Of the total made avallable, 449,536 mwh. were used in electric boilers as compared with $427,605 \mathrm{mwh}$. In June 1958. The amount shown as avallable for use in Canada after deducting energy used in electric boilers showed an increase of 8.5 per cent to 7,382,630 umh. from 6,806,627 mwh.

Net generation in the first six months of the year totalled 51,324,046 mwh. compared with $48,232,029 \mathrm{mwh}$. in the comparable period of 1958 , an increase of 3,092,017 mwh. or 6.4 per cent. Energy made available less the amount used in electric boilers also increased 6.4 per cent to $45,948,902$ mwh. from $43,187,917$.

> June, 1959.

|  | Canada | Newfoundland | Prince Edward Is land | Nova Scotia |
| :---: | :---: | :---: | :---: | :---: |
|  | (Thoussmd kwh.) |  |  |  |
| Net generation |  |  |  |  |
| Utilities: | 6,196,139 | 71,138 |  | 51,252 |
| Hydro ${ }_{\text {Thermal }}$ | $6,196,139$ 335,272 | 71,1381 | 5,231 | 62,847 |
|  | 6,531,411 | 71,369 | 5,231 | 114,099 |
| Industry: |  |  |  |  |
|  | $1,595,320$ 162,258 | 31,143 968 | - | 2,823 8,855 |
|  | 1,757,578 | 32,111 | - | 11,678 |
| Total net generation | 8,288,989 | 103,480 | 5,231 | 125,777 |
| Energy fmported: <br> From other provinces | xxx | - | - | - |
| From United States | 24,365 | - | - | - |
| Total ................................................... | 24,365 | - | - | - |
| Energy exported: To other provinces | xxx | 3,353 | - | 1,050 |
| To United States - primary | 109,639 | - | - | - |
| secondary | 371,549 | - | - | - |
| Total ................................................ | 481,188 | 3,353 | - | 1,050 |
| Energy made available in Canada ${ }^{\text {l }}$ | 7,832,166 | 100, 127 | 5,231 | 124,727 |
| Amount used in electric boilers | 449,536 | 5,317 | 5, | , 727 |
| Energy made available less amount used in boilexs ......... | 7,382,630 | 94,810 | 5,231 | 124,727 |

Cumulative totals, January - June, 1959.

| Net generation |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Utilities: |  |  |  |  |
| Hydro ....................................................... | 38,149,696 | 490,978 | 33.571 | 305,792 |
| Thermal ................................................. | 2,733,844 | 11,292 | 33,571 | 425,246 |
|  | 40,883,540 | 502,270 | $33,571$ | 731,038 |
| Industry: |  |  |  |  |
| Hydro ....................................................... | 9,417,112 | 166,748 | - | 17,980 |
| Thermal ..........-.....-.................................. | 1,023,394 | 11,696 | - | 57,212 |
| Total | 10,440,506 | 178,444 | - | 75,192 |
| Total net generation | 51,324,046 | 680,714 | 33,571 | 806,230 |
| Energy imported: |  |  |  |  |
| From other provinces | xxx | - | - | - |
| From United States | 274,646 | - | - | - |
| Total | 274,646 | - | - | - |
|  |  |  |  |  |
| To United States - primary | 624,279 | - | - | - |
| secoudary | 1,729,103 | - | - | - |
| Total .................................................. | 2,353,382 | 25,724 | - | 6,622 |
| Energy made available in Canada ${ }^{1}$ | 49,245,310 | 654,990 | 33,571 | 799,608 |
| Amount used in electric boilers. | 3,296,408 | 81,530 |  |  |
| Energy made available less amount used in boilers ........... | 45,948,902 | 573,460 | 33,571 | 799,608 |
| June, 1958 |  |  |  |  |
| Total met generation | 7,466,241 | 102,558 | 4,597 | 120,909 |
| Total energy imported | 23,940 | - | - | - |
| Total energy exported ..... | 255,949 | 2,907 | - | 682 |
| Total made avallable in Canadal | 7,234,232 | 99,651 | 4,597 | 120,227 |
| Amount used in electric boilere | 427,605 | 9,391 | - | - |
| Total made available less mmount used in boilers ...... | 6,806,627 | 90,260 | 4,597 | 120,227 |
| January - June, 1958. |  |  |  |  |
| Total net generation ............................................ | 48,232,029 | 693,128 | 29,626 | 768,337 |
| Total energy imported | 119,539 | 17, - | - | , 80, |
| Total energy exported | 1,956,830 | 17,812 | 20, | 4,801 |
| Total made nallable in Canadal | 46,394,738 | 675,316 | 29,626 | 763,536 |
| Amount used in electric boilexs | 3,206,821 | 80,440 | , 6 - | 763.536 |
| Total made avallable less amount used in boilere | 43,187,917 | 594,876 | 29,626 | 763,536 |

[^0]June, 1959.

| Sew Brundwick | Quebec | Ontario | Manitoba | Saskatchewan | Alberta | British <br> Columbia | Yukon and N.W.T. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (Thousand kwh.) |  |  |  |  |  |  |
| 88,927 | 2,503,314 | 2,649,975 | 263,863 | 45,317 | 78,935 | 435,489 | 7,929 |
| 9,706 |  | 7,335 | -43 | 104,888 | 131,459 | 13,011 | 564 |
| 98,633 | 2,503,357 | 2,657,310 | 263,820 | 150,205 | 210,394 | 448,500 | 8,493 |
| 6,092 | 966,013 | 117,647 | 2,958 | 1,773 | - | 461,947 | 4,924 |
| 28,407 | 16,034 | 44,007 | - | 7,005 | 20,534 | 36,448 | , |
| 34,499 | 982,047 | 161,654 | 2,958 | 8,778 | 20,534 | 498,395 | 4,924 |
| 133,132 | 3,485,404 | 2,818,964 | 266,778 | 158,983 | 230,928 | 946,895 | 13,417 |
| 2,348 | 4,706 | 401,008 | 49,561 | 611 | 1,879 | 32 | - |
| 29 | 42 | 23,245 | - | - | - | 1,049 | - |
| 2,377 | 4,748 | 424,253 | 49,561 | 611 | 1,879 | 1,081 | - |
| - | 402,306 | 2,087 | 195 | 48,827 | 448 | 1,879 | * |
| 3,844 | 42,237 | 63,417 | 3 | - | - | 138 | - |
| 10,062 | 4,394 | 356,145 | - | - | - | 948 | - |
| 13,906 | 448,937 | 421,649 | 198 | 48,827 | 448 | 2,965 | - |
|  | 3,041,215 | 2,821,568 | 316,141 | 110,767 | 232,359 | 945,011 | 13,417 |
| 251 | 384,928 | - 33,935 | 19,726 | 110.767 | - | 2,845 | 2,534 |
| 121,352 | 2,656,287 | 2,787,633 | 296,415 | 110,767 | 232,359 | 942,166 | 10,883 |

Cumulative totals, Janury - June, 1959.

| $\begin{aligned} & 405,509 \\ & 185,312 \\ & 373,821 \end{aligned}$ | $\begin{array}{r} 16,215,764 \\ 18,087 \\ 16,233,851 \end{array}$ | $\begin{array}{r} 15,347,777 \\ 262,802 \\ 15,610,579 \end{array}$ | $\begin{array}{r} 1,772,194 \\ 28,786 \\ 1,800,980 \end{array}$ | $\begin{aligned} & 280,854 \\ & 703,686 \\ & 984,540 \end{aligned}$ | $\begin{array}{r} 401,037 \\ 991,182 \\ 1,392,219 \end{array}$ | $\begin{array}{r} 2,877,780 \\ 90,316 \\ 2,968,096 \end{array}$ | $\begin{array}{r} 49,011 \\ 3,564 \\ 52,575 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{r} 27,795 \\ 302,053 \\ 229,848 \end{array}$ | $\begin{array}{r} 5,513,727 \\ 96,192 \\ 5,609,919 \end{array}$ | $\begin{aligned} & 695,095 \\ & 284,912 \\ & 980,007 \end{aligned}$ | $\begin{array}{r} 19,262 \\ 11 \\ 19,273 \end{array}$ | $\begin{aligned} & 10,605 \\ & 37,495 \\ & 48,100 \end{aligned}$ | $\begin{aligned} & 119,486 \\ & 119,486 \end{aligned}$ | $\begin{array}{r} 2,943,344 \\ 214,337 \\ 3,157,681 \end{array}$ | $\begin{array}{r} 22,556 \\ 22,556 \end{array}$ |
| 803,669 | 21,843,770 | 16,590,586 | 1,820,253 | 1,032,640 | 1,511,705 | 6,125,777 | 75,131 |
| $\begin{array}{r} 12,088 \\ 405 \\ 12,493 \end{array}$ | $\begin{array}{r} 49,703 \\ 287 \\ 49,990 \end{array}$ | $\begin{array}{r} 2,657,585 \\ 266,993 \\ 2,924,578 \end{array}$ |  | $\begin{array}{r} 4,180 \\ 4,180 \end{array}$ | $\begin{array}{r}14,073 \\ \hline 24,073\end{array}$ | $\begin{aligned} & 1,618 \\ & 6,961 \\ & 8,579 \end{aligned}$ | - |
| $\begin{aligned} & 17,072 \\ & 54,802 \\ & 71,874 \end{aligned}$ | $\begin{array}{r} 2,663,050 \\ 243,095 \\ 21,086 \\ 2,927,231 \end{array}$ | $\begin{array}{r} 36,819 \\ 363,459 \\ 1,647,458 \\ 2,047,736 \end{array}$ | $\begin{array}{r} 1,487 \\ 17 \\ 1,504 \end{array}$ | $\begin{array}{r} 296,650 \\ 296,650 \end{array}$ | $\begin{array}{r} 4,312 \\ 4, \\ 4, \end{array}$ | $\begin{array}{r} 14,073 \\ 636 \\ 5,757 \\ 20,466 \end{array}$ | - |
| $\begin{array}{r} 744,288 \\ 1,088 \\ 743,200 \end{array}$ | $\begin{array}{r} 18,966,529 \\ 2,670,108 \\ 16,296,421 \end{array}$ | $\begin{array}{r} 17,467,428 \\ 281,646 \\ 17,185,782 \end{array}$ | $\begin{array}{r} 2,128,239 \\ 200,666 \\ 1,927,573 \end{array}$ | $\begin{array}{r} 740,170 \\ 740,170 \end{array}$ | $\begin{aligned} & 1,521,466 \\ & 1,521,466 \end{aligned}$ | $\begin{array}{r} 6,113,890 \\ 49,091 \\ 6,064,799 \end{array}$ | 75,131 <br> 12,279 <br> 62,852 |
| $\begin{array}{r} 124,769 \\ 1,923 \\ 14,106 \\ 112,586 \\ 498 \\ 112,088 \end{array}$ | $\begin{array}{r} 3,453,066 \\ 3,961 \\ 542,250 \\ 2,914,777 \\ 386,295 \\ 2,528,482 \end{array}$ | $\begin{array}{r} 2,153,211 \\ 520,096 \\ 199,275 \\ 2,474,032 \\ 25,238 \\ 2,448,794 \end{array}$ | $\begin{array}{r} 220,749 \\ 47,229 \\ 186 \\ 267,792 \\ 276 \\ 267,516 \end{array}$ | $\begin{array}{r} 141,959 \\ 184 \\ 45,838 \\ 96,305 \\ 96,305 \end{array}$ | $\begin{array}{r} 192,579 \\ 479 \\ 48 \\ 193,010 \\ 193,010 \end{array}$ | $\begin{array}{r} 939,971 \\ 1,299 \\ 1,888 \\ 939,382 \\ 3,861 \\ 935,521 \end{array}$ | $\begin{array}{r} 11,873 \\ = \\ 11,873 \\ 2,046 \\ 9,827 \end{array}$ |
| $\begin{array}{r} 748,683 \\ 12,584 \\ 78,670 \\ 38,597 \\ 4,894 \\ 646,703 \end{array}$ | $\begin{array}{r} 21,813,036 \\ 24,823 \\ 3,223,387 \\ 18,614,472 \\ 2,671,526 \\ 15,942,946 \end{array}$ | $\begin{array}{r} 14,514,706 \\ 3,109,733 \\ 1,631,336 \\ 15,993,103 \\ 144,663 \\ 15,848,440 \end{array}$ | $\begin{array}{r} 1,701,445 \\ 303,995 \\ 42,175 \\ 1,963,265 \\ 245,070 \\ 1,718,195 \end{array}$ | $\begin{array}{r} 936,300 \\ 1,274 \\ 300,504 \\ 637,070 \\ 637,070 \end{array}$ | $\begin{array}{r} 1,261,580 \\ 3,652 \\ 1,528 \\ 1,263,704 \\ 1,263,704 \end{array}$ | $\begin{array}{r} 5,702,666 \\ 10,973 \\ 10,112 \\ 5,703,527 \\ 50,363 \\ 5,653,164 \end{array}$ | $\begin{array}{r} 62,522 \\ = \\ 62,522 \\ 12,865 \\ 49,657 \end{array}$ |

# Electric Emargy Made Available 

January - June, 1959


Net generation, 1949-1959
CANADA

| Year and month |  | Utilitiea |  |  | Indus try |  |  | Grand total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Hydro | Therme 1 | Total | Hydro | Thermal | Total |  |
|  |  | (Thousand kwh.) |  |  |  |  |  |  |
| 1949 | ..................... | 35,783,737 | 1,390,562 | 37,174,299 | n.a. | n. ${ }^{\text {a }}$ | 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 | 1 | " | 17,547,555 | 72,439,893 |
| 1955 |  | 57,996, 293 | 3,197,153 | 61,193,446 | " | " | 18,381,161 | 79,574,607 |
| 1956 | .................... | 64,014,072 | 4,292,898 | 68,306,970 | " | " | 19, 119, 968 | 87, 426,938 |
| 1957 | .................... | 65,817,043 | 5,572,995 | 71,390,038 | 17,155,908 | 1,702,865 | 18,858,773 | 90, 248,811 |
| 1958 | - Total ........... | 70,838,966 | 4,690,734 | 75,529,700 | 19,409,459 | 1,804,558 | 21,214, 017 | $96,743,717$ |
|  | January | 6,294,539 | 437,663 | 6,732,202 | 1,699,573 | 132,663 | 1,832,236 | 8,564,438 |
|  | February | 5,688,336 | 427,520 | 6,115,856 | 1,541,393 | 138,529 | 1,679.922 | 7,795,778 |
|  | March ............. | 6,217,035 | 388,804 | 6,605,839 | 1,725,354 | 155,504 | 1,880,858 | 8,486,697 |
|  | April ............. | 5,811,395 | 328,608 | 6,140,003 | 1,661,061 | 149,376 | 1,810,437 | 7,950,440 |
|  | May | 5,832,160 | 335,807 | 6,167,967 | 1,644,054 | 156,414 | 1,800,468 | 7,968,435 |
|  | June .............. | 5,473,119 | 304, 447 | 5,777,566 | 1,541,104 | 147,571 | 1,688,675 | 7,466,241 |
|  | July ................ | 5,633,549 | 314,498 | 5,948,047 | 1,576,529 | 141,527 | 1,718,056 | 7,666,103 |
|  | August | 5,524,523 | 370,450 | 5,894,973 | 1,533,121 | 150,440 | 1,683,561 | 7,578,534 |
|  | September | 5,437,419 | 456,152 | 5,893,571 | 1,571,962 | 151,425 | 1,723,387 | 7,616,958 |
|  | October | 6,112,363 | 413,432 | 6,525,795 | 1,659,406 | 159,154 | 1,818,560 | 8,344,355 |
|  | November | 6,289,767 | 399,863 | 6,689,630 | 1,614,899 | 159,266 | 1,774,165 | 8,463,795 |
|  | December .......... | 6,524,761 | 513,490 | 7,038,251 | 1,641,003 | 162,689 | 1,803,692 | 8,841,943 |
| 1959 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | Februsry .......... | 5,916,609 | 543,236 | 6,459,845 | 1,462,624 | 174,124 | 1,636,748 | 8,096,593 |
|  | March | 6,511,897 | 486,023 | 6,997,920 | 1,634,633 | 180,840 | 1,815,473 | 8,813,393 |
|  | Apri1 ............. | 6,503,041 | 378,947 | 6,881,988 | 1,565,435 | 162,985 | 1,728,420 |  |
|  | May ................ | * 6,610,516 | 378,153 | *6,988,669 | 1,586,097 | 163,564 | 1,749,661 | * 8, 738,330 |
|  | June . . . . ........... | 6,196,139 | 335,272 | 6,531,411 | 1,595,320 | 162,258 | 1,757,578 | 8,288,969 |
|  | July ................ |  |  |  |  |  |  |  |
|  | August ............. |  |  |  |  |  |  |  |
|  | September ......... |  |  |  |  |  |  |  |
|  | October ............ |  |  |  |  |  |  |  |
|  | November ........... |  |  |  |  |  |  |  |
|  | December ....... |  |  |  |  |  |  |  |

[^1]
[^0]:    1. Includes interruptable and st will energy and energy used in electric boilers.
[^1]:    * Revised.

