

# Published by Authority of the Hon. James A. MACKINNON, M.P., Minister of Trade and Commerce. <br> DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA 

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## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JUNE, 1942.

Central electric stations produced $3,043,200,000 \mathrm{kw}$. hrs. during June, en increase of 18.9 pec. over the output of $2,560,060,000 \mathrm{kw}$. hrs. In June last year. For the six months the total output was $18,612,384,000 \mathrm{kw}$. hrs. or $18.3 \mathrm{p} . \mathrm{c}$. above the output for the first half of 1941.

Exports to the United States amounted to $212,012,000 \mathrm{kw}$. hrs., consisting of $119,117,000 \mathrm{kw}$. hrs. of firm power and $92,895,000 \mathrm{kw}$. hrs. of secondary power as against 175,655,000 and $71,389,000 \mathrm{kw}$. hrs. respectively in Joe lest year.

Secondary power produced for use in Canada increased from 205,865,000 kw, hrs. last year to $249,143,000 \mathrm{~km}$. hrse, and was dom from May by $42,596,000 \mathrm{kw}$. hrs. or by $11.8 \mathrm{p.c}$. on \& daily basis.

Consumption of firm power in Canada (total output less exports and secondary power) amounted to $2,582,045,000 \mathrm{kw}$. hrs., or a daily average of $86,068,000 \mathrm{kw}$. hrs as against an siverage of $85,723,000 \mathrm{kw}$. hrs. In May, of $72,238,000 \mathrm{kw}$. hrs. In June last year and a peak of $88,414,000 \mathrm{kw}$. hrs. in March 1942.

For the six months, January - June, firm power consumption increased over the first six months of the previous year by $15.4 \mathrm{p}, \mathrm{c}$. in 1940 , by $20.0 \mathrm{p}, \mathrm{c}$. in 1911 and by 22.7 p.c. In 1942 as against an average increase in 1935,1936 and 1937 of 6.6 pec.

Month of
(Thousends of

|  |  | Total | Prince Edwerd Is land | Nove. <br> Scotia |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A $B$ | Productior - Hydraulic | $\begin{array}{r} 2,988,143 \\ 55,057 \\ \hline \end{array}$ | $\begin{array}{r} 18 \\ 670 \\ \hline \end{array}$ | $\begin{aligned} & 23,866 \\ & 14,557 \\ & \hline \end{aligned}$ |  |
| $C(A+B)$ | Total | 3,043,200 | 688 | 38,423 |  |
| D | Receipte from other Provincos |  | $\ldots$ | ... |  |
| L ( $C+D$ ) | Output plus Rocoipts |  | 688 | 38,423 |  |
| \% | Deliveries to other Provinces |  | ... | ... |  |
| G H | $\frac{\text { Exports to U.S.A. }}{\text { Firm }}$ Socondmry | $\begin{array}{r} 119,117 \\ 92,895 \end{array}$ | $\cdots$ | $\ldots$ |  |
| $\underline{I}(\mathrm{C}+\mathrm{H})$ | Totel | 212,012 | - | -.. |  |
| $J(F+I)$ | Total Deliveries |  | -.. | ... |  |
| K (E-J) | Not consumption in Cans da | 2,831,188 | 688 | 38,423 |  |
| $\underline{1}$ | $\begin{aligned} & \frac{\text { Socondary Poeer }}{\text { For Boilers }} \\ & \text { For other uses in Canade } \end{aligned}$ | $\begin{array}{r} 226,116 \\ 23,027 \end{array}$ | $\ldots$ | $\ldots$ |  |
| N (L +H ) | Total | 249,143 | ... | ... |  |
| $0(\mathrm{~K}-\mathrm{N})$ | Net consumption of Flrm Power | 2,582,045 | 688 | 38,423 |  |
|  | CUMULATIVE PRCDUCTION TOEALS. | y - Juna |  |  |  |
| P | Pira Power $\begin{array}{ll}1941 \\ & 1942\end{array}$ | $\begin{aligned} & 13,618,349 \\ & 26,554,614 \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,215 \\ & 4,794 \\ & \hline \end{aligned}$ | $\begin{array}{r} 233,400 \\ 250,865 \\ \hline \end{array}$ |  |
| R S | Secondary fower 1941 (1) | $\begin{aligned} & 2,114,036 \\ & 2,057,770 \\ & \hline \end{aligned}$ | $\cdots$ | $\begin{array}{r} 1,707 \\ 701 \\ \hline \end{array}$ |  |
| T $(2+R)$ $0(Q+S)$ | $\begin{array}{ll}\text { Total } \\ & 1941 \\ \\ & 942\end{array}$ | $\begin{aligned} & 15,732,385 \\ & 18,612,384 \end{aligned}$ | $\begin{aligned} & 4,115 \\ & 4,794 \end{aligned}$ | $\begin{aligned} & 235,107 \\ & 251,566 \end{aligned}$ |  |
|  | DAILY AVERAGE CONSUMPTION OF F | OwER ¢OUTPUT | S EXPORT | AND SECO | NDARY D |
| V (Average | 0 O O) 2941 <br> ") 1942 | $\begin{aligned} & 72,238 \\ & 86,068 \end{aligned}$ | $\begin{aligned} & 20 \\ & 23 \end{aligned}$ | $\begin{aligned} & 1,244 \\ & 1,281 \end{aligned}$ |  |

(1) Includes Secondery fower exported to U.S.A.

ZNDHK NUMBKRS
(Average 1935-39 = 100)


| Nev Brunswick | Quobec | Oncerıo | Menitobe | Seskat chowan | Alberte | Britioh Columbla |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{r} 37,295 \\ 8,674 \\ \hline \end{array}$ | $\begin{array}{r} 1,749,017 \\ 414 \\ \hline \end{array}$ | $819,901$ | $\begin{array}{r} 107,368 \\ 126 \\ \hline \end{array}$ | $\begin{aligned} & 33,456 \\ & 15,591 \\ & \hline \end{aligned}$ | $\begin{array}{r} 22,920 \\ 9,517 \\ \hline \end{array}$ | $\begin{array}{r} 194,302 \\ 5,508 \\ \hline \end{array}$ |
| 45,969 | 1,749,431 | 819,901 | 107,494 | 49,047 | 32,437 | 199,810 |
| 583 | 5,235 | 342,502 | - . | - | 2,609 | -.. |
| 46,552 | 1,754,686 | 1,162,403 | 107,498 | 49,047 | 35,046 | 199,810 |
| 31 | 343,085 | 5,204 | - | -* | - . | 2,609 |
| $2,636$ | $53,765$ | $\begin{aligned} & 62,60 \vdots \\ & 92,895 \end{aligned}$ | $76$ | $\ldots$ | - . | 32 |
| 2,636 | 53,765 | 155,503 | 76 | - * | *. | 32 |
| 2,667 | 396,850 | 160,707 | 76 | ** | *. | 2,641 |
| 43,885 | 1,357,816 | $1,001,6.96$ | 107,418 | 49,047 | 35,046 | 197,169 |
| $5,229$ | 156,161 | $\begin{aligned} & 40,781 \\ & 23,027 \end{aligned}$ | $23,661$ | * | ** | 284 |
| 5,229 | 156,151 | 63,808 | 23,661 | - . | -** | 284 |
| 38,656 | 1,201,655 | 937,888 | 83,757 | 49,047 | 35,046 | 196,885 |
| $\begin{array}{r} 222,795 \\ 244,067 \\ \hline \end{array}$ | $\begin{aligned} & 7,275,132 \\ & 9,605,784 \end{aligned}$ | $\begin{aligned} & 3,804,197 \\ & 4,115,597 \end{aligned}$ | $\begin{aligned} & 514,067 \\ & 551,015 \end{aligned}$ | $\begin{aligned} & 286,756 \\ & 309,506 \\ & \hline \end{aligned}$ | $\begin{aligned} & 144,001 \\ & 186,912 \end{aligned}$ | $\begin{array}{r} 1,133,886 \\ 2,285,974 \\ \hline \end{array}$ |
| $\begin{array}{r} 16,194 \\ 17,575 \\ \hline \end{array}$ | $\begin{aligned} & 947,430 \\ & 714,817 \end{aligned}$ | $\begin{array}{r} 950,724 \\ 1,047,340 \\ \hline \end{array}$ | $\begin{aligned} & 196,432 \\ & 275,424 \\ & \hline \end{aligned}$ | *** | - | $\begin{aligned} & 1,549 \\ & 1,913 \\ & \hline \end{aligned}$ |
| $\begin{aligned} & 238,989 \\ & 261,642 \end{aligned}$ | $\begin{array}{r} 8,222,562 \\ 10,320,601 \end{array}$ | $\begin{aligned} & 4,754,921 \\ & 5,163,037 \end{aligned}$ | $\begin{aligned} & 710,490 \\ & 825,429 \end{aligned}$ | $\begin{aligned} & 280,756 \\ & 3 C=506 \end{aligned}$ | $\begin{aligned} & 144,001 \\ & 186,912 \end{aligned}$ | $\begin{aligned} & 1,135,435 \\ & 1,287,887 \end{aligned}$ |
| $\begin{aligned} & 1,323 \\ & 1,288 \end{aligned}$ | $\begin{aligned} & 31,006 \\ & 40,055 \end{aligned}$ | $\begin{aligned} & 27,186 \\ & 31,253 \end{aligned}$ | $\begin{aligned} & 2,832 \\ & 2,792 \end{aligned}$ | $\begin{aligned} & 1,562 \\ & 1,635 \end{aligned}$ | $\begin{array}{r} 841 \\ 1,168 \end{array}$ | $\begin{aligned} & 6,224 \\ & 6,563 \end{aligned}$ |

## INDAX NUMBERS

(Average 2835-39 = 100)


| STATISTICS CANADA LIBRARY |  (Thousands of Kilowatt Hour's) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Month | 1938 | 1939 | 1940 | 1941 | 1942 |
| Junuexy <br> Febrikry <br> March <br> April | $\begin{aligned} & 2,283,691 \\ & 2,057,598 \\ & 2,258,197 \\ & 2,003,301 \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,386,979 \\ & 2,214,174 \\ & 2,306,740 \\ & 2,197,379 \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,526,143 \\ & 2,367,031 \\ & 2,426,157 \\ & 2,398,722 \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,634,701 \\ & 2,407,068 \\ & 2,631,809 \\ & 2,693,353 \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,226,289 \\ & 2,864,438 \\ & 3,220,953 \\ & 3,082,740 \end{aligned}$ |
| May | 2,081,335 | 2,333,443 | 2,67,567 | 2,805,394 | 3,174,764 |
| June | 1,973,155 | 2,245,537 | 2,578,393 | 2,560,060 | 3,043,200 |
| July | 1,387,774 | 2,205,344 | 2,615,232 | 2,661,145 |  |
| Augrast | 2,075,901 | 2,293,032 | 2,500,179 | 2,640,084 |  |
| September | 2,168,435 | 2,380,052 | 2,395,678 | 2,836,647 |  |
| October | 2,333,461 | 2,589,956 | 2,487,455 | 3,140,317 |  |
| Noveaber | 2,375,651 | 2,601,536 | 2,524,860 | 3,183,982 |  |
| December | 2,353,190 | 2,536,242 | 2,584,341 | 3,220,800 |  |
| Totrl 12 months | 26,012,805 | 28,351,514 | 30,030,248 | 33,445,360 |  |
| First 6 | 12,718,377 | 15,744,252 | 14,968,503 | 15,732,385 | 18,612,384 |

EXPORTS TO THE UNITED STATES


OUTPUT LESS EXPORTS AND SECONDARY POWER

| January <br> February <br> Harch <br> ApriJ. | $\begin{aligned} & 1,522,381 \\ & 1,404,034 \\ & 1,533,443 \\ & 1,447,356 \end{aligned}$ | $\begin{aligned} & 1,612,995 \\ & 1,455,426 \\ & 1,581,562 \\ & 1,528,777 \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,805,591 \\ & 1,680,884 \\ & 1,786,563 \\ & 1,784,640 \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,188,080 \\ & 2,008,725 \\ & 2,194,373 \\ & 2,146,361 \end{aligned}$ | $\begin{aligned} & 2,756,555 \\ & 2,480,082 \\ & 2,740,830 \\ & 2,627,713 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ma.y | 1,472,745 | 1,590,865 | 1,890,025 | 2,205,990 | 2,657,415 |
| Jume | 1,439,682 | 1,555,822 | 1,812,31? | 2,167,151 | 2,582,045 |
| Ju2 | 1,434,504 | 1,554,705 | 1,846,304 | 2,234,260 |  |
| August | $1,487,662$ | +1,609,655 | 1,893,312 | 2,288,214 |  |
| September | 1,508,400 | 1,630,038 | 1,886,070 | 2,412,334 |  |
| October | 1,602,664 | 1,753,723 | 2,021,032 | 2,610,102 |  |
| Noveraber | 1,588,315 | 1,760,819 | 2,030,222 | 2,576,187 |  |
| Decembar | $1,609,049$ | 1,770,859 | 2,083,919 | 2,669,339 |  |
| Total 12 months | 18,056,235 | -19,405,182 | 22,521,509 | 27,701,116 |  |
| First 6 | 8,825,641 | 9,325,447 | 10,760,020 | 12,910,680 | 15,844,640 |

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[^0]:    $\dagger$ Revised.

