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## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

AUGUST, 1940

The output of central electric stations during August declined to 2,50:1,179,000 kilowatt hours from 2,615,232,000 kilowatt hours in July and the index number dropped from a peak of 279.28 to 262.92. The decrease was principally in secondary power delivered to electric boilers which decreased by $152,627,000$ kilowatt hours, or 29 per cent.

Exports to the United States of secondary power also decreased from $78,330,000$ to $71,513,000$ kilowatt hours and total exports decreased from 203,058,000 to 192,232,000 kilowatt hours.

Firm power consumed in Canada (total output less exports and secondary power delivered to electric boilers) rose to $1,940,996,000$ kilowatt hours which was the second highest on record, being exceeded only by the May record. After adjustment for seasonal variations the index number rose to a new high at 255.75 compared to the previous record of 253.88 for July, 249.27 for May, and 216.25 for Aus ust 1939.

## ERRATA

Please correct June and July reports as follows:-
DAILY AVERAGE OUTPUTS

|  | Total | Maritime <br> Provinces | Quebec | Ontario | Prairie <br> Provinces | British <br> Columbia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| June, 1940 | 82,244 | 2,360 | 43,817 | 24,178 | 6,297 | 5,591 |
| July, 1940 | 82,552 | 2,402 | 44,245 | 24,172 | 6,123 | 5,610 |

26/9/40
(Thousands of Kilowatt Hours)


1/ Production plus provinciel imports less provincial exports.
3/ New Brunswick only.
(Thousands of Kilowatt Hours)

| Total | Maritime <br> Provinces | Quebec | Ontario | Prairie Provinces | British Columbia |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | DAILY AVERAGE OUTPUTS $2 /$ |  |  |  |  |
| $\begin{aligned} & 80,651 \\ & 84,362 \\ & 73,969 \end{aligned}$ | $\begin{aligned} & 2,454 \\ & 2,648 \\ & 2,580 \end{aligned}$ | $\begin{aligned} & 43,790 \\ & 46,755 \\ & 39,861 \end{aligned}$ | 23,546 24,135 21,030 | $\begin{aligned} & 4,918 \\ & 5,102 \\ & 5,029 \end{aligned}$ | $\begin{aligned} & 5,943 \\ & 5,722 \\ & 5,469 \end{aligned}$ |
| $\begin{aligned} & 79,091 \\ & 82,908 \\ & 72,656 \end{aligned}$ | $\begin{aligned} & 1,786 \\ & 2,006 \\ & 2,020 \end{aligned}$ | 43,776 46,743 39,849 | 23,546 24,135 21,030 | 4,179 4,397 4,318 | $\begin{aligned} & 5,804 \\ & 5,627 \\ & 5,439 \end{aligned}$ |
| $\begin{aligned} & 1,560 \\ & 1,454 \\ & 1,313 \end{aligned}$ | $\begin{aligned} & 668 \\ & 642 \\ & 559 \end{aligned}$ | 14 12 12 | $\ldots$ | $\begin{aligned} & 739 \\ & 705 \\ & 711 \end{aligned}$ | $\begin{array}{r} 139 \\ 95 \\ 31 \end{array}$ |
| $\begin{aligned} & 82,311 \\ & 75,075 \end{aligned}$ | $\begin{array}{r} 2,409 \\ 2,362 \end{array}$ | 44,187 40,399 | $\begin{aligned} & 24,093 \\ & 21,160 \end{aligned}$ | $\begin{aligned} & 5,970 \\ & 5,860 \end{aligned}$ | $\begin{aligned} & 5,652 \\ & 5,294 \end{aligned}$ |
| $\begin{aligned} & 366,951 \\ & 519,578 \\ & 473,859 \end{aligned}$ | $\begin{gathered} 3 / \\ 605 \\ 3,439 \\ 8,985 \end{gathered}$ | $\begin{gathered} \text { RIES TO EL } \\ 303,026 \\ 420,253 \\ 352,030 \end{gathered}$ | $\begin{gathered} \text { BOILERS } \\ \hline 56,738 \\ 83,486 \\ 93,600 \end{gathered}$ | $\begin{gathered} 4 / \\ 6,212 \\ 12,134 \\ 19,007 \end{gathered}$ | $\begin{aligned} & 370 \\ & 266 \\ & 237 \end{aligned}$ |
| $\begin{aligned} & 3,803,038 \\ & 4,200,480 \end{aligned}$ | $\begin{array}{r} 9,619 \\ 27,298 \end{array}$ | $\begin{aligned} & 2,828,716 \\ & 2,999,043 \end{aligned}$ | $\begin{aligned} & 696,760 \\ & 847,669 \end{aligned}$ | $\begin{aligned} & 265,751 \\ & 324,426 \end{aligned}$ | $\begin{aligned} & 2,192 \\ & 2,044 \end{aligned}$ |

(AVERAGE, 1926-100)

| July | August | September | October | November | December |
| :---: | :---: | :---: | :---: | :---: | :---: |
| CUTPUT |  |  |  |  |  |
| $\begin{aligned} & 212.28 \\ & 235.56 \\ & 279.28 \\ & \hline \end{aligned}$ | $\begin{aligned} & 218.31 \\ & 241.14 \\ & 262.92 \end{aligned}$ | $\begin{aligned} & 224.10 \\ & 246.03 \end{aligned}$ | $\begin{aligned} & 221.27 \\ & 245.59 \end{aligned}$ | $\begin{aligned} & 226.49 \\ & 248.11 \\ & \hline \end{aligned}$ | $\begin{aligned} & 221.95 \\ & 239.21 \end{aligned}$ |
| DELIVERIES TO ELECTRIC ECILSRA |  |  |  |  |  |
| $\begin{aligned} & 196.70 \\ & 212.90 \\ & 253.88 \end{aligned}$ | $\begin{aligned} & 200.06 \\ & 216.25 \\ & 255.73 \\ & \hline \end{aligned}$ | $\begin{aligned} & 199.84 \\ & 216.84 \end{aligned}$ | $\begin{aligned} & 194.89 \\ & 215.50 \end{aligned}$ | $\begin{aligned} & 194.51 \\ & 217.70 \\ & \hline \end{aligned}$ | $\begin{aligned} & 193.98 \\ & 215.29 \end{aligned}$ |

2/ No allowance is made for the effect of holidays, Sundays, or Saturdeys, etc.
4/ Manitoba only.
(Thousands of Kilowatt Hours)

| Month | 1936 | 1937 | 1938 | 1939 | 1940 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| January | 2,091,497 | 2,317,906 | 2,283,691 | 2,386,979 | 2,526,143 |
| February | 1,938,978 | 2,146,578 | 2,057,598 | 2,214,174 | 2,367,031 |
| March | 2,135,640 | 2,412,259 | 2,258,197 | 2,366,740 | 2,426,157 |
| April | 2,154,628 | 2,322,884 | 2,063,801 | 2,197,379 | 2,398,722 |
| May | 2,083,363 | 2,301,167 | 2,081,935 | 2,333,443 | 2,671,567 |
| June | 2,028,980 | 2,255,338 | 1,973,155 | 2,245,537 | 2,578,883 |
| July | 2,021,147 | 2,188,055 | 1,987,774 | 2,205,844 | 2,615,232 |
| Aucust | 2,020,416 | 2,197,725 | 2,075,901 | 2,293,032 | 2,500,179 |
| Sub-Total | 16,484,649 | 18,141,912 | 16,782,052 | 18,243,128 | 20,083,914 |
| September | 2,041,123 | 2,204,291 | 2,168,435 | 2,380,652 |  |
| October | 2,280,508 | 2,365,052 | 2,333,461 | 2,589,956 |  |
| November | 2,261,979 | 2,414,676 | 2,375,661 | 2,601,535 |  |
| December | 2,325,733 | 2,457,996 | 2,353,196 | 2,536,242 |  |
| TOTAL | 25,394,.992 | 27,583,927 | 26,012,805 | 28,351,514 |  |
| EKPORTS TO THE UNTTEI) STATES |  |  |  |  |  |
| J anuary | 118,050 | 134,931 | 157,532 | 166,915 | 149,050 |
| February | 110,684 | 138,041 | 123,094 | 153,491 | 139,908 |
| Wlarch | 125,921 | 172,695 | 144,091 | 165,422 | 155,402 |
| April | 125,496 | 164,250 | 135,616 | 141,523 | 170,600 |
| May | 130,530 | 161,033 | 155,292 | 164,520 | 193,353 |
| June | 157,871 | 158,657 | 158,313 | 163,063 | 190,704 |
| Juב | 157,543 | 154,057 | 159,349 | 162,973 | 203,058 |
| Ausust | 143,342 | 162,617 | 149,493 | 177,834 | 192,232 |
| Sub-Total | $1,069,437$ | 1,256,281 | 1,182,780 | 1,295,741 | 1,394,307 |
| September | 125,127 | 143,441 | 151,691 | 159,713 |  |
| October | 129,323 | 142,736 | 165,455 | 151,794 |  |
| November | 126,152 | 145,549 | 165,299 | 155,247 |  |
| December | 128,070 | 159,093 | 161,290 | 150,138 |  |
| TOTAL | 1,578,109 | 1,847,100 | 1,826,515 | 1,912,633 |  |

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

| January | $1,413,216$ | $1,474,787$ | $1,558,575$ | $1,644,983$ | $1,853,157$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Februery | $1,298,872$ | $1,344,387$ | $1,435,998$ | $1,488,480$ | $1,727,442$ |
| March | $1,387,512$ | $1,532,912$ | $1,573,090$ | $1,613,989$ | $1,835,439$ |
| April | $1,353,605$ | $1,510,508$ | $1,480,284$ | $1,560,142$ | $1,834,573$ |
| May | $1,371,404$ | $1,519,545$ | $1,505,826$ | $1,623,856$ | $1,941,629$ |
| June | $1,353,080$ | $1,426,283$ | $1,470,027$ | $1,586,964$ | $1,860,736$ |
| July | $1,259,445$ | $1,510,365$ | $1,466,399$ | $1,587,154$ | $1,892,596$ |
| August | $1,386,797$ | $1,543,699$ | $1,518,472$ | $1,641,340$ | $1,940,996$ |
| Sub-Total | $10,923,931$ | $11,932,486$ | $12,008,678$ | $12,746,908$ | $14,886,568$ |
| September | $1,417,821$ | $1,573,502$ | $1,537,426$ | $1,668,186$ |  |
| October | $1,533,075$ | $1,655,879$ | $1,631,513$ | $1,804,048$ |  |
| November | $1,481,813$ | $1,632,494$ | $1,617,311$ | $1,809,175$ |  |
| December | $1,516,702$ | $1,629,452$ | $1,640,012$ | $1,820,186$ |  |
| TOTAL | $16,873,342$ | $18,423,813$ | $18,434,940$ | $19,848,503$ |  |

