DOMINION BUREAU OF STATISTICS

No 6
Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Prong, B.SC.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

$$
\text { JUNE, } 1936
$$

The total output of central electric stations during June amounted to $2,028,695,000$ kilowatt hours which, on a dally basis, exceeded the May output by 0.6 per cent, and the index number rose from 207.69 for May to 213.09. This was exceeded only by the April index number (220.25). The increase over the June, 1935, output was $212,445,000 \mathrm{kil}$ wat hours, or 11.7 per cent.

Exports to the United States increased from $130,530,000$ kilowatt hours in May to $157,868,000$ kilowatt, hours, the increase in off-peak exports being $25,746,000$ kilowatt hours.

Deliveries to electric boilers decreased from $578,978,000$ kilowatt hours in May to $515,897,000 \mathrm{kil}$ wat hours and the consumption of firm power in Canada (including line losses) amounted to $1,354,930,000$ kilowatt hours. The index number for fir power consumption reached a new high record at 181.54 , being 3.79 points above the previous peak reached in April.

OUTPUT OF CENTRAL ELECTRIC STAPIONS
(Thousands of Kilowatt Hours)

|  | Total | Maritime Provinces | Quebec | Ontario | Prairie <br> Provinces | British <br> Columbia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | MONTHLY OUT | TS |  |  |
| Generated by Water Power |  |  |  |  |  |  |
| June, 1936 | 1,993,081 | 58,209 | 1,022,875 | 661,222 | 110,291 | 140,484 |
| May, $\quad 7$ | 2,049,395 | 56,963 | 1,050,174 | 672,355 | 129,400 | 140,503 |
| June, 1935 | 1,788,045 | 57,871 | 982,233 | 530,315 | 97,157 | 120,469 |
| Generated by Fuel |  |  |  |  |  |  |
| June, 1936 | 35,614 | 17,700 | 285 | 37 | 17,507 | 85 |
| May, ". | 33,650 | 15,737 | 277 | 20 | 17,531 | 85 |
| June, 1935 | 28,205 | 15,002 | 233 | 24 | 12,863 | 83 |
| Total Output |  |  |  |  |  |  |
| June, 1936 | 2,028,695 | 75,909 | 1,023,160 |  |  |  |
| May, ${ }^{\text {\% }}$ | 2,083,045 | 72,700 | 1,050,451 | 672,375 | 146,931 | 140,588 |
| June, 1935 | 1,816,250 | 72,873 | 982,466 | 530,339 | 110,020 | 120,552 |
| Iotal to Date |  |  |  |  |  |  |
| 1936 | 12,440,079 | 392,068 | 6,346,362 | 3.954,092 | 949,136 |  |
| 1935 | 11,380,094 | 390,187 | 6,151,195 | 3,301,855 | 797.023 | $739,834$ |
|  |  | PROVINCIAL CONSUMPTIONS $/$ |  |  |  |  |
| June, 1936 | 1,870,827 | 74,539 | 883,234 | 644,721 | 129,086 | 139,247 |
| May, " | x1,952,515 | 71,662 | 904,761 | 688,605 | 148,248 | x139,239 |
| June, 1935 | 1,708,256 | 71,962 | 772,604 | 633,155 | 111,311 | 119,224 |
| Total to Date |  |  |  |  |  |  |
| 1936 | 11,671,531 | 385,075 | 5,315,916 | 4,223,226 | 957,811 | 789,503 |
| 1935 | 10,753,011 | 382,534 | 4,813,044 | 4,020,853 | 805,573 | 731,007 |

INDEX NUMBERS

|  | January | February | March | April | May | June |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | TOT |
| 1934 | 164. 21 | 167.31 | 174.90 | 172.79 | 182.54 | 179.47 |
| 1935 | 191.57 | 186.90 | 189.13 | 191.43 | 191. 74 | 190.77 |
| 1936 | 199.02 | 193.88 | 207.81 | 220.25 | 207.69 | 213.09 |
|  |  |  |  |  | OUTPUT LE | PORTS |
| 1934 | 148.71 | 149.57 | 154.98 | 149.66 | 159.83 | 155.27 |
| 1935 | 164.31 | 159.85 | 165. 26 | 166.25 | 167.53 | 166.90 |
| 1336 | 172.83 | 167.66 | 173.77 | 177.75 | 176.34 | 181.54 |

1/ Production plus provincial imports less provincial exports.
$x$ Revised。

OUTPYT OF CENTRAL BLECTRIC STATIONS
(Thousands of Kilowatt Hours)

(Average, $1926=100$ )

| Juzy | sugust | Soptember | October | November | December |
| :---: | :---: | :---: | :---: | :---: | :---: |
| QUTPUT |  |  |  |  |  |
| $\begin{aligned} & 171.02 \\ & 188.98 \end{aligned}$ | $\begin{aligned} & 174.18 \\ & 192.28 \end{aligned}$ | $\begin{aligned} & 166.11 \\ & 195.91 \end{aligned}$ | $\begin{array}{r} 173.57 \\ 202.55 \\ \hline \end{array}$ | $\begin{aligned} & 183,96 \\ & 201,83 \end{aligned}$ | $\frac{191}{200 \cdot 26}$ |
| DELIVERIES TO EWECTRIC BOILERS |  |  |  |  |  |
| $\begin{aligned} & 155.51 \\ & 170.48 \end{aligned}$ | $\begin{aligned} & 156,94 \\ & 172.16 \\ & \hline \end{aligned}$ | $\begin{aligned} & 152.50 \\ & 171.35 \end{aligned}$ | $\begin{aligned} & 1.54 .17 \\ & 169.14 \end{aligned}$ | $\begin{aligned} & 155.47 \\ & 167.77 \end{aligned}$ | $\frac{159.46}{166.90}$ |

[^0]OUTPUT OF CENTRAL ELECTRIC STATLONS
(Thousands of Kilowatt Hours)

| Month | 1932 | 1933 | 1934 | 1935 | 1936 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| January | 1,413,918 | 1,396,661 | 1,725,264 | 2,012,742 | 2,091,042 |
| February | 1,325,133 | 1,299,580 | 1,614,425 | 1,803,447 | 1,937,550 |
| March | 1,388,697 | 1,371,060 | 1,797,334 | 1,943,555 | 2,135,460 |
| April | 1,329,489 | 1,296,805 | 1,697,909 | 1,881,029 | x2,164,287 |
| May | 1,271,015 | 1,349,942 | 1,830,820 | 1,923,071 | 2,083,045 |
| June | 1,198,232 | -1,370,901 | 1,708,632 | 1, 276,250 | 2,028,695 |
| Sub Total | 7,926,484 | 8,084,949 | $10 \times 374,3$ | 11,380,091 | 12,440,079 |
| July | 1,155,581 | 1,442,657 | 1,621, 314 | 1,791,544 |  |
| August | 1,230,220 | 1,508,216 | 1,676,86:5 | 1,851,153 |  |
| September | 1,279,140 | 1,489,322 | 1,627,289 | 1,919,213 |  |
| October | 1,390,144 | 1,617,608 | 1,853,226 | $\frac{2,162,569}{2,73}$ |  |
| November | 1,448,227 | 1,702,363 | 1,953,512 | 2,143,31.4 |  |
| December | 1,433,191 | 1,707,886 | 2,052,940 | 2,156,525 |  |
| TOTAL | 15,862,987 | 17,553,001 | 21.159 .530 | 23, 404.412 |  |

EXPORTS TO THE UNITED STATES

| January | 61,767 | 48,018 | 100,485 | 113,878 | 118,050 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| February | 52,422 | 46,440 | 102,151 | 109,524 | 110,684 |
| March | 55,414 | 45,343 | 112,115 | 103,957 | 125,921 |
| April | 54,982 | 35,272 | 63,105 | 97,475 | 125,496 |
| May | 51,354 | 42,874 | 111,000 | 94,256 | $\times 130,530$ |
| June | 64,864 | 86,673 | 113,640 | 107,994 | 157,868 |
| Sub Total | 340,803 | 304,620 | 602,496 | 627,084 | 768,549 |
| July | 59,015 | 119,192 | 105,856 | 93,348 |  |
| August | 69,192 | 109,592 | 115,988 | 130,305 |  |
| September | 71,500 | $122,90 ?$ | 107,114 | 142,177 |  |
| October | 50,737 | 127,243 | 107,122 | 146,530 |  |
| November | 35,023 | 106,457 | 99,714 | 112,305 |  |
| December | 41,610 | 99,353 | 110,508 | 112,838 |  |

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

| Tanuary | $1,124,045$ | $1,052,123$ | $1,216,922$ | $1,344,646$ | $1,415,147$ |
| :--- | ---: | :---: | :---: | :---: | :---: |
| February | $1,051,063$ | 949,956 | $1,117,047$ | $1,193,820$ | $1,299,627$ |
| March | $1,089,190$ | $1,012,774$ | $1,239,377$ | $1,321,545$ | $1,389,638$ |
| April | $1,011,222$ | 959,513 | $1,141,203$ | $1,267,776$ | $1,355,475$ |
| May | 995,125 | $1,01,4,092$ | $1,244,982$ | $1,304,893$ | $x 1,373,537$ |
| June | 927,105 | $1,006,602$ | $1,158,889$ | $1,245,659$ | $1,354,930$ |
| Sub Total | $6,197,750$ | $5,995,060$ | $7,118,420$ | $7,678,339$ | $8,188,354$ |
| July | 897,727 | $1,045,695$ | $1,159,301$ | $1,270,867$ |  |
| August | 946,029 | $1,099,524$ | $1,191,218$ | $1,306,710$ |  |
| September | 985,948 | $1,106,841$ | $1,173,1,90$ | $1,317,312$ |  |
| October | $1,054,670$ | $1,189,454$ | $1,290,580$ | $1,415,896$ |  |
| November | $1,117,840$ | $1,192,494$ | $1,292,686$ | $1,394,955$ |  |
| December | $1,092,474$ | $1,193,359$ | $1,348,205$ | $1,411,097$ |  |
| TOTAL | $12,292,438$ | $12,822,427$ | $14,57,600$ | $15,795,176$ |  |


[^0]:    2) No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

    New Brunswick only.
    4) Manitoba only.

