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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA
JANUARY, 1938

The output of central electric stations for January was 2,279,298,000 kilowatt hours as compared with $2,317,906,000$ kilowatt hours in January last year. This is the first time in over four years that the output for the same month in the previous year has not been exceeded; since April, 1933, nothing but increases has been recorded. The decrease, however, was all in secondary power for electric boilers which declined from $708,188,000$ kilowatt hours in January, 1937, to 568,875,000, due undoubtedly to a slowing up in the paper mills; production of newsprint fell off about 23 per cent in January.

Exports to the United States increased from $134,931,000$ kilowatt hours to $157,532,000 \mathrm{kilowatt}$ hours and over 86 nev cent of this increase was in surplus power.

The consumption of firm power dropped from $1,629,452,000$ kilowatt, hours in December to $1,552,891,000$ kilowatt hours which was more than the seasonal decline and the index number dropped from 192.73 to 189.76 , but it was 5.3 per cent above the January 1.937 firm power consumption. Both January contained five Sundays and five Saturdays so the outputs were for approximately the same productive periods.

OUTPUN OT GENTAL EBOTRTC STATEONS
(Thousands of Kilowatt Hours)

|  | Total | Maritime Provinces | Quebec | Ontario | Prairie Provinces | British Columbia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | MONT | outputs |  |  |  |
| Generated by Water Power |  |  |  |  |  |  |
| Jan., 1938 | 2,240,974 | 53, 134 | 1,192,573 | 660,634 | 166,734 | 167,899 |
| Dec., 1.937 | 2,409,935 | 60,432 | 1,282,770 | 715,242 | 181,165 | 170,326 |
| Jan., 1937 | 2,276,386 | 66,419 | 1,206,407 | 722,502 | 171,701. | 109,357 |
| Generated by Fuel |  |  |  |  |  |  |
| Jan., 1938 | 38,324 | 15,244 | 338 | 60 | 22,425 | 257 |
| Dec., 1937 | 48,061 | 23,427 | 355 | 42 | 23,651 | 586 |
| Jano, 1937 | 41,520 | 17,407 | 325 | 24 | 22,295 | 1,469 |
| Total Output |  |  |  |  |  |  |
| Jan., 1938 | 2,279,298 | 68,378 | 1,192,911 | 660,694 | 189,159 | 168,156 |
| Dec., 1937 Jan., 1937 | 2,457,996 | 83,859 | 1,283,125 | 715,284 | 204,816 | 170,912 |
| Jan., 1937 |  |  |  |  |  |  |
| PROVINCIAL CONSUMPTIONS 1/ |  |  |  |  |  |  |
| Jan., 1938 | 2,121,766 |  | 928,096 | 739,637 | 190,563 | 166,637 |
| Dec., 1937 | 2,298,903 | 82,267 | 1,032,743 | 808,288 | 206,381 | 169,224 |
| Jan., 1937 | 2,182,975 | 81,959 | 1,029,923 | 766,342 | 195,683 | 109,068 |

INDEX NUMBERS

|  | January | February | March | April | May | June |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | TOTAL |
| 1936 | 201.54 | x 196.42 | 210.40 | 223.02 | 210.30 | 215.76 |
| 1937 | 223.35 | 225.22 | 237.66 | 239.32 | 232.28 | 239.83 |
| 1938 | 219.63 |  |  |  |  |  |
|  |  |  |  | OUTPUT LESS EXPORTS AND |  |  |
| 1936 | 172.69 | $\times 167.92$ | 173.51 | 177.51 | 176.07 | 181.29 |
| 1937 | 180.22 | 180.02 | 191.59 | 198,08 | 195.08 | 200.48 |
| 1938 | 189.76 |  |  |  |  |  |

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

OUTPUT OF CENTRAL ELECTRIC STATIONS
(Thousands of Kilowatt Hours)

(AVERAGE, $1926=100$ )

| July | August | September | October | November | December |
| :---: | :---: | :---: | :---: | :---: | :---: |
| OUTPUT |  |  |  |  |  |
| 215.84 233.67 | $\begin{aligned} & 212.47 \\ & 231.12 \end{aligned}$ | $\begin{array}{r} 210.97 \\ \times \quad 227.81 \end{array}$ | $\begin{aligned} & 216.25 \\ & 224.27 \end{aligned}$ | $\begin{aligned} & 215.65 \\ & 230.21 \end{aligned}$ | $\begin{aligned} & 219.36 \\ & 231.83 \end{aligned}$ |
| DELIVERIES TO ELECTRIC BOILERS |  |  |  |  |  |
| $\begin{aligned} & 182.36 \\ & 202.60 \end{aligned}$ | $\begin{aligned} & 182.71 \\ & 203.38 \\ & \hline \end{aligned}$ | $\begin{array}{r} 184.29 \\ \times \quad 204.53 \end{array}$ | $\begin{aligned} & 183.13 \\ & 197.80 \end{aligned}$ | $\begin{array}{r} 178.22 \\ \times 190.34 \end{array}$ | $\begin{aligned} & 179.39 \\ & 192.73 \end{aligned}$ |

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only. 4 //Manitoba only.

OUTPUT OF CENTRAL ELEGTRIC STATIONS

| Month | 1934 | 1935 | 1936 | 1937 | 1938 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| January | 1,725,264 | 2,012,742 | 2,091,497 | 2,317,906 | 2,279,298 |
| February | 1,614,425 | 1,803,447 | 1,938,978 | 2,146,578 |  |
| March | 1,797,334 | 1,943,555 | 2,135,640 | 2,412,259 |  |
| April | 1,697,909 | 1,881,029 | 2,164,628 | 2,322,884 |  |
| May | 1,830,820 | 1,923,071 | 2,083,363 | 2,301,167 |  |
| June | 1,708,632 | 1,816,250 | 2,028,980 | 2,255,338 |  |
| July | $1,621,314$ | 1,791,544 | 2,021,147 | 2,188,055 |  |
| August | $1,676,865$ | $1,851,153$ | 2,020,416 | 2,197,725 |  |
| September | 1,627,289 | 1,919,213 | 2,041,423 | x2,204,291 |  |
| October | $1,853,226$ | 2,162,569 | 2,280,508 | 2,365,052 |  |
| November | 1,953,512 | 2,143,314 | 2,261,979 | X2,414,676 |  |
| December | 2,052,940 | 2,156,525 | 2,325,733 | 2,457,996 |  |
| TOTAL | 21,159,530 | $23,404,412$ | 25,394,292 | $\times 27.583,927$ |  |

EXPORTS TO THE UNI'TED STATES

| January | 100,485 | 113,878 | 118,050 | 134,931 | 157,532 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| February | 102,151 | 109,524 | 110,684 | 138,041 |  |
| March | 112,115 | 103,957 | 125,921 | 172,695 |  |
| Aproil | 63,105 | 97,475 | 125,496 | 164,250 |  |
| May | 111,000 | 94,256 | 130,530 | 161,033 |  |
| June | 113,640 | 107,994 | 157,871 | 158,657 |  |
| July | 105,856 | 93, 348 | 157,543 | 164,057 |  |
| August | 115,988 | 130,305 | 143,342 | $162,61.7$ |  |
| September | 107,114 | 142,177 | 125,127 | 143,441 |  |
| October | 107,122 | 146,530 | 129,323 | 142,736 |  |
| November | 99,714 | 112,305 | 126,152 | 145,549 |  |
| December | 110,508 | 112,838 | 128,070 | 159,093 |  |
| TOTAL | 1,248,798 | $1,364,587$ | 1,578,109 | $1,847,100$ |  |

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

| January | $1,216,922$ | $1,344,646$ | $1,413,216$ | $1,474,787$ | $1,552,891$ |
| :--- | ---: | :---: | :---: | :---: | :---: |
| February | $1,117,047$ | $1,193,820$ | $1,298,872$ | $1,344,387$ |  |
| March | $1,239,377$ | $1,321,545$ | $1,387,512$ | $1,532,912$ |  |
| April | $1,141,203$ | $1,267,776$ | $1,353,605$ | $1,510,508$ |  |
| May | $1,244,982$ | $1,304,893$ | $1,371,404$ | $1,519,545$ |  |
| June | $1,158,889$ | $1,245,659$ | $1,353,080$ | $1,49,283$ |  |
| July | $1,159,301$ | $1,270,867$ | $1,359,445$ | $1,510,365$ |  |
| August | $1,191,218$ | $1,306,710$ | $1,386,797$ | $1,543,699$ |  |
| September | $1,173,190$ | $1,317,312$ | $1,417,821$ | $x 1,573,502$ |  |
| October | $1,290,580$ | $1,415,896$ | $1,533,075$ | $1,655,879$ |  |
| November | $1,292,586$ | $1,394,955$ | $1,481,813$ | $\times 1,632,494$ |  |
| December | $1,348,205$ | $1,411,097$ | $1,516,702$ | $1,629,452$ |  |
|  |  | $15,795,176$ | $16,873,342$ | $x 18,423,813$ |  |

x - Revised.

