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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JUNE, 1939

Central electric stations produced during June 2,245,329,000 kilowatt hours for sale. This was an increase of 13.4 per cent over the June 1938 output and the index number adjusted for seasonal variations rose to 238.77 compared with 235.52 for May and the peak of 239.83 made in June 1937.

Exports to the United States amounted to 163,063,000 kilowatt hours, compared with 158,313,000 kilowatt hours in 1938.

Deliveries of secondary power to electric boilers rose from 344,815,000 kilowatt hours last year to 495,510,000 kilowatt hours.

The consumption of firm power, computed by deducting exports and deliveries to boilers from the total output, amounted to 1,586,756,000 kilowatt hours compared with 1,623,648,000 kilowatt hours for May and 1,470,027 kilowatt hours for June last year. After adjustment for the unequal number of days in the months and other seasonal factors the index number rose to a new high at 212.60, exceeding the peak of 208.45 for May this year by 4.15 points.

24/7/39.

Price per year 50 cents.

OUTPUT OF CENTRAL ELECTRIC STATIONS
(Thousands of Kilowatt Hours)

| | Total | Maritime Provinces | Quebec | Ontario | Prairie Provinces | British Columbia |
|-----------------------------------|------------|-----------------------|-----------|-----------|----------------------|---------------------|
| <u>MONTHLY OUTPUTS</u> | | | | | | |
| <u>Generated by Water Power</u> | | | | | | |
| June, 1939 | 2,209,398 | 62,491 | 1,211,302 | 637,696 | 137,269 | 160,640 |
| May, 1939 | 2,298,531 | 60,186 | 1,260,850 | 657,326 | 155,941 | 164,228 |
| June, 1938 | 1,939,562 | 59,274 | 1,018,653 | 585,107 | 128,218 | 143,310 |
| <u>Generated by Fuel</u> | | | | | | |
| June, 1939 | 35,931 | 15,790 | 337 | ... | 19,671 | 133 |
| May, 1939 | 34,704 | 14,067 | 340 | ... | 20,157 | 140 |
| June, 1938 | 33,593 | 14,803 | 308 | 22 | 18,345 | 115 |
| <u>Total Output</u> | | | | | | |
| June, 1939 | 2,245,329 | 78,281 | 1,211,639 | 637,696 | 156,940 | 160,773 |
| May, 1939 | 2,333,235 | 74,253 | 1,261,190 | 657,326 | 176,098 | 164,368 |
| June, 1938 | 1,973,155 | 74,077 | 1,018,961 | 585,129 | 146,563 | 148,425 |
| <u>Total to Date</u> | | | | | | |
| 1939 | 13,743,003 | 417,064 | 7,393,489 | 3,864,009 | 1,118,398 | 950,043 |
| 1938 | 12,718,377 | 421,181 | 6,676,520 | 3,656,849 | 1,014,223 | 949,604 |
| <u>PROVINCIAL CONSUMPTIONS 1/</u> | | | | | | |
| June, 1939 | 2,082,266 | 76,803 | 924,956 | 762,901 | 158,363 | 159,243 |
| May, 1939 | 2,168,714 | 72,782 | 961,319 | 794,254 | 177,551 | 162,808 |
| June, 1938 | 1,814,842 | 72,917 | 789,703 | 657,336 | 148,137 | 146,749 |
| <u>Total to Date</u> | | | | | | |
| 1939 | 12,787,069 | 408,015 | 5,642,185 | 4,669,112 | 1,127,090 | 940,667 |
| 1938 | 11,844,438 | 412,983 | 5,229,987 | 4,238,246 | 1,022,996 | 940,226 |

INDEX NUMBERS

| | January | February | March | April | May | June |
|--------------------------------|---------|----------|--------|--------|--------|--------------|
| | | | | | | <u>TOTAL</u> |
| 1937 | 223.35 | 225.22 | 237.66 | 239.32 | 232.28 | 239.83 |
| 1938 | 220.06 | 215.88 | 222.48 | 212.63 | 210.15 | 209.82 |
| 1939 | 229.99 | 232.29 | 233.15 | 226.37 | 235.52 | 238.77 |
| <u>OUTPUT LESS EXPORTS AND</u> | | | | | | |
| 1937 | 180.22 | 180.02 | 191.69 | 198.08 | 195.08 | 200.48 |
| 1938 | 190.46 | 192.28 | 196.71 | 194.12 | 193.33 | 197.01 |
| 1939 | 200.99 | 199.28 | 201.80 | 204.57 | 208.45 | 212.60 |

1/ Production plus provincial imports less provincial exports.

3/ New Brunswick only.

OUTPUT OF CENTRAL ELECTRIC STATIONS
(Thousands of Kilowatt Hours)

| | Total | Maritime Provinces | Quebec | Ontario | Prairie Provinces | British Columbia |
|---------------------------------------|-----------|-----------------------|-----------|---------|----------------------|---------------------|
| <u>DAILY AVERAGE OUTPUTS 2/</u> | | | | | | |
| | 73,647 | 2,083 | 40,377 | 21,257 | 4,575 | 5,355 |
| | 74,146 | 1,941 | 40,673 | 21,204 | 5,030 | 5,298 |
| | 64,652 | 1,976 | 33,955 | 19,503 | 4,274 | 4,944 |
| | 1,197 | 526 | 11 | ... | 656 | 4 |
| | 1,119 | 454 | 11 | ... | 650 | 4 |
| | 1,120 | 493 | 10 | 1 | 612 | 4 |
| | 74,844 | 2,609 | 40,388 | 21,257 | 5,231 | 5,359 |
| | 75,265 | 2,395 | 40,684 | 21,204 | 5,680 | 5,302 |
| | 65,772 | 2,416 | 33,965 | 19,504 | 4,886 | 4,948 |
| | 75,928 | 2,304 | 40,848 | 21,348 | 6,179 | 5,249 |
| | 70,267 | 2,327 | 36,887 | 20,204 | 5,603 | 5,246 |
| <u>DELIVERIES TO ELECTRIC BOILERS</u> | | | | | | |
| | (3) | (3) | (3) | (3) | (4) | (4) |
| | 495,510 | 4,576 | 370,695 | 95,028 | 24,969 | 242 |
| | 545,067 | 1,722 | 395,174 | 109,587 | 38,298 | 286 |
| | 344,815 | 11,174 | 258,031 | 60,112 | 15,190 | 308 |
| | 3,270,905 | 14,183 | 2,303,892 | 665,922 | 285,376 | 1,532 |
| | 2,280,639 | 35,316 | 2,102,174 | 451,981 | 229,132 | 2,036 |

(AVERAGE, 1926 = 100)

| | July | August | September | October | November | December |
|---------------------------------------|--------|---------------|---------------|---------|---------------|----------|
| <u>OUTPUT</u> | | | | | | |
| | 233.67 | 231.12 | 227.81 | 224.27 | 230.21 | 231.83 |
| | 212.28 | 218.31 | 224.10 | 221.27 | <u>226.49</u> | 221.95 |
| <u>DELIVERIES TO ELECTRIC BOILERS</u> | | | | | | |
| | 202.60 | 203.38 | <u>204.53</u> | 197.80 | 196.34 | 192.73 |
| | 196.70 | <u>200.06</u> | 199.84 | 194.89 | 194.51 | 193.98 |

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

4/ Manitoba only.



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OUTPUT OF CENTRAL ELECTRIC STATIONS
(Thousands of Kilowatt Hours)

| Month | 1935 | 1936 | 1937 | 1938 | 1939 |
|--|------------|------------|------------|------------|------------|
| January | 2,012,742 | 2,091,497 | 2,317,906 | 2,283,691 | 2,386,771 |
| February | 1,803,447 | 1,938,978 | 2,146,578 | 2,057,598 | 2,213,965 |
| March | 1,943,555 | 2,135,640 | 2,412,259 | 2,258,197 | 2,366,532 |
| April | 1,881,029 | 2,164,628 | 2,322,884 | 2,063,801 | 2,197,171 |
| May | 1,923,071 | 2,083,363 | 2,301,167 | 2,081,935 | 2,333,235 |
| June | 1,816,250 | 2,028,980 | 2,255,338 | 1,973,155 | 2,245,329 |
| Sub Total | 11,380,094 | 12,497,469 | 13,756,132 | 12,718,377 | 13,743,003 |
| July | 1,791,544 | 2,021,147 | 2,188,055 | 1,987,774 | |
| August | 1,851,153 | 2,020,416 | 2,197,725 | 2,075,901 | |
| September | 1,919,213 | 2,041,423 | 2,204,291 | 2,168,435 | |
| October | 2,162,569 | 2,280,508 | 2,365,052 | 2,333,461 | |
| November | 2,143,314 | 2,261,979 | 2,414,676 | 2,375,661 | |
| December | 2,156,525 | 2,325,733 | 2,457,996 | 2,353,196 | |
| TOTAL | 23,404,412 | 25,394,292 | 27,583,927 | 26,012,805 | |
| EXPORTS TO THE UNITED STATES | | | | | |
| January | 113,878 | 118,050 | 134,931 | 157,532 | 166,915 |
| February | 109,524 | 110,684 | 138,041 | 123,094 | 153,491 |
| March | 103,957 | 125,921 | 172,695 | 144,091 | 165,422 |
| April | 97,475 | 125,496 | 164,250 | 135,616 | 141,523 |
| May | 94,256 | 130,530 | 161,033 | 155,292 | 164,520 |
| June | 107,994 | 157,871 | 158,657 | 158,313 | 163,063 |
| Sub Total | 201,342 | 768,552 | 929,607 | 873,938 | 954,934 |
| July | 93,348 | 157,543 | 164,057 | 159,349 | |
| August | 130,305 | 143,342 | 162,617 | 149,493 | |
| September | 142,177 | 125,127 | 143,441 | 151,691 | |
| October | 146,530 | 129,323 | 142,736 | 165,455 | |
| November | 112,305 | 126,152 | 145,549 | 165,299 | |
| December | 112,838 | 128,070 | 159,093 | 161,290 | |
| TOTAL | 1,364,587 | 1,578,109 | 1,847,100 | 1,826,515 | |
| OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS | | | | | |
| January | 1,344,646 | 1,413,216 | 1,474,787 | 1,558,575 | 1,644,775 |
| February | 1,193,820 | 1,298,872 | 1,344,387 | 1,435,998 | 1,488,272 |
| March | 1,321,545 | 1,387,512 | 1,532,912 | 1,573,090 | 1,613,781 |
| April | 1,267,776 | 1,353,605 | 1,510,508 | 1,480,284 | 1,559,933 |
| May | 1,304,893 | 1,371,404 | 1,519,545 | 1,505,826 | 1,623,648 |
| June | 1,245,659 | 1,353,080 | 1,496,283 | 1,470,027 | 1,586,756 |
| Sub Total | 7,678,339 | 8,177,689 | 8,877,422 | 9,023,800 | 9,517,165 |
| July | 1,270,867 | 1,359,445 | 1,510,365 | 1,466,399 | |
| August | 1,306,710 | 1,386,797 | 1,543,699 | 1,518,479 | |
| September | 1,317,312 | 1,417,821 | 1,573,502 | 1,537,426 | |
| October | 1,415,896 | 1,533,075 | 1,655,879 | 1,631,513 | |
| November | 1,394,955 | 1,481,813 | 1,632,494 | 1,617,311 | |
| December | 1,411,097 | 1,516,702 | 1,629,452 | 1,640,012 | |
| TOTAL | 15,795,176 | 16,873,342 | 18,423,813 | 18,434,940 | |