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**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

NOVEMBER, 1941.

Central electric stations produced 3,183,982,000 kw.h. in November as against 3,140,317,000 kw.h. in October and 2,524,830,000 kw.h. in November last year, and the index number adjusted for seasonal variations increased from 137.4 for October to 137.5. Both the quantity and index were new high records despite the month containing five Sundays and five Saturdays, days which normally are light consumption days. October contained only four Sundays and four Saturdays and in November last year there were only four Sundays and five Saturdays.

Exports to the United States amounted to 122,324,000 kw.h. of firm power and 77,532,000 kw.h. of secondary power, a total of 199,856,000 kw.h. as against 196,578,000 kw.h. in October and 185,432,000 kw.h. in November 1940.

Production of secondary for use in Canada increased from 333,637,000 kw.h. in October to 407,939,000 kw.h. Water conditions were such that there was a surplus for many of the large plants across the country.

Production of firm power for use in Canada (total output less exports and secondary power) amounted to 2,576,187,000 kw.h., which was less than for October but on a daily basis was an increase of 2 p.c., or from 84,197,000 to 85,873,000 kw.h.

The index number for firm power consumption reached a new high at 169.5 as against 168.8 for October.

## CENTRAL ELECTRIC

Month of

(Thousands of

|  |                                      |  |  | Total      | Prince<br>Edward<br>Island | Nova<br>Scotia |  |
|--|--------------------------------------|--|--|------------|----------------------------|----------------|--|
| A  | <u>Production</u> - Hydraulic        |  |  | 3,117,535  | 9                          | 26,573         |  |
| B  | Thermal                              |  |  | 66,449     | 887                        | 16,236         |  |
| C (A + B)  | Total                                |  |  | 3,183,982  | 896                        | 42,809         |  |
| D  | <u>Receipts from other Provinces</u> |  |  | ...        | ...                        | ...            |  |
| E (C + D)  | <u>Output plus Receipts</u>          |  |  | ...        | 896                        | 42,809         |  |
| F  | <u>Deliveries to other Provinces</u> |  |  | ...        | ...                        | ...            |  |
| <u>Exports to U.S.A.</u>   |                                      |  |  |            |                            |                |  |
| G  | Firm Power                           |  |  | 122,324    | ...                        | ...            |  |
| H  | Secondary "                          |  |  | 77,532     | ...                        | ...            |  |
| I (G + H)  | Total                                |  |  | 199,856    | ...                        | ...            |  |
| J (F + I)  | <u>Total Deliveries</u>              |  |  | ...        | ...                        | ...            |  |
| K (E - J)  | <u>Net consumption in Canada</u>     |  |  | 2,984,126  | 896                        | 42,809         |  |
| <u>Secondary Power</u>   |                                      |  |  |            |                            |                |  |
| L  | For Boilers                          |  |  | 352,770    | ...                        | ...            |  |
| M  | For other uses in Canada             |  |  | 55,169     | ...                        | 152            |  |
| N (L + M)  | Total                                |  |  | 407,939    | ...                        | 152            |  |
| O (K - N)  | <u>Net consumption of Firm Power</u> |  |  | 2,576,187  | 896                        | 42,657         |  |
| <u>CUMULATIVE PRODUCTION TOTALS. January - November</u>                        |                                      |  |  |            |                            |                |  |
| P  | Firm Power 1940                      |  |  | 21,727,523 | 6,112                      | 386,931        |  |
| Q  | 1941                                 |  |  | 26,350,736 | 7,700                      | 433,797        |  |
| R  | Secondary Power 1940 (1)             |  |  | 5,768,384  | ...                        | ...            |  |
| S  | 1941 (1)                             |  |  | 3,873,824  | ...                        | 2,568          |  |
| T (P + R)  | Total 1940                           |  |  | 27,495,907 | 6,112                      | 386,931        |  |
| U (Q + S)  | 1941                                 |  |  | 30,224,560 | 7,700                      | 436,275        |  |
| <u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u> |                                      |  |  |            |                            |                |  |
| V (Average of O)   | 1940 (revised)                       |  |  | 67,674     | 24                         | 1,216          |  |
| W ( " " " )  | 1941                                 |  |  | 85,873     | 30                         | 1,422          |  |

(1) Includes Secondary Power exported to U.S.A.

INDEX NUMBERS  
(Average 1935-39 = 100)

|  | January | February | March | April | May   | June  |
|--|---------|----------|-------|-------|-------|-------|
| <u>TOTAL OUTPUT</u>                                      |         |          |       |       |       |       |
| 1939   | 105.7   | 106.4    | 104.1 | 102.9 | 107.4 | 108.2 |
| 1940   | 111.9   | 113.7    | 106.8 | 112.3 | 123.0 | 124.2 |
| 1941   | 116.7   | 115.7    | 115.8 | 126.1 | 129.1 | 123.3 |
| <u>OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)</u> |         |          |       |       |       |       |
| 1939   | 107.0   | 106.9    | 106.7 | 108.0 | 109.9 | 110.9 |
| 1940   | 119.7   | 123.4    | 120.5 | 126.1 | 130.6 | 129.2 |
| 1941   | 145.1   | 147.5    | 148.0 | 151.7 | 152.4 | 154.5 |

# STATION DATA

November, 1941

(Kilowatt hours)

|  | New Brunswick      | Quebec                   | Ontario                | Manitoba               | Saskatchewan       | Alberta            | British Columbia       |
|--|--------------------|--------------------------|------------------------|------------------------|--------------------|--------------------|------------------------|
|  | 40,166<br>9,675    | 1,760,159<br>485         | 869,325<br>...         | 152,173<br>542         | 36,390<br>18,374   | 13,153<br>18,606   | 219,585<br>1,644       |
|  | 49,841             | 1,760,644                | 869,325                | 152,715                | 54,764             | 31,759             | 221,229                |
|  | 536                | 8,898                    | 341,942                | ...                    | ...                | 1,961              | ...                    |
|  | 50,377             | 1,769,542                | 1,211,267              | 152,715                | 54,764             | 33,720             | 221,229                |
|  | ...                | 342,478                  | 8,898                  | ...                    | ...                | ...                | 1,961                  |
|  | 3,061<br>...       | 52,969<br>...            | 66,132<br>77,532       | 112<br>...             | ...<br>...         | ...<br>...         | 50<br>...              |
|  | 3,061              | 52,969                   | 143,664                | 112                    | ...                | ...                | 50                     |
|  | 3,061              | 395,447                  | 152,562                | 112                    | ...                | ...                | 2,011                  |
|  | 47,316             | 1,374,095                | 1,058,705              | 152,603                | 54,764             | 33,720             | 219,218                |
|  | 3,086<br>...       | 234,795<br>28,440        | 65,748<br>20,556       | 48,800<br>6,021        | ...<br>...         | ...<br>...         | 341<br>...             |
|  | 3,086              | 263,235                  | 86,304                 | 54,821                 | ...                | ...                | 341                    |
|  | 44,230             | 1,110,860                | 972,401                | 97,782                 | 54,764             | 33,720             | 218,877                |
|  | 408,668<br>453,576 | 11,202,121<br>14,263,985 | 6,141,530<br>7,193,606 | 908,666<br>965,323     | 504,340<br>543,371 | 245,149<br>282,401 | 1,923,976<br>2,203,977 |
|  | 13,805<br>27,823   | 3,460,986<br>1,773,934   | 1,954,318<br>1,676,281 | 335,301<br>390,667     | ...<br>...         | ...<br>...         | 3,076<br>2,551         |
|  | 422,473<br>431,390 | 14,663,107<br>16,040,919 | 8,096,473<br>8,869,977 | 1,244,237<br>1,355,990 | 504,340<br>543,371 | 245,149<br>282,401 | 1,927,052<br>2,206,529 |
|  | 1,366<br>1,474     | 25,679<br>37,029         | 27,551<br>32,413       | 3,037<br>3,259         | 1,692<br>1,826     | 968<br>1,124       | 6,139<br>7,296         |

## INDEX NUMBERS

(Average 1935-39 = 100)

|  | July                    | August                  | September   | October                 | November                | December       |  |
|--|-------------------------|-------------------------|---|-------------------------|-------------------------|----------------|--|
|  |                         |                         | TOTAL OUTPUT                                      |                         |                         |                |  |
|  | 108.4<br>128.6<br>130.8 | 109.5<br>119.4<br>126.1 | 113.1<br>114.0<br>136.2                           | 113.3<br>108.8<br>137.4 | 112.3<br>109.0<br>137.5 | 109.4<br>111.4 |  |
|  |                         |                         | OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised) |                         |                         |                |  |
|  | 111.6<br>132.5<br>160.5 | 112.3<br>132.0<br>159.6 | 113.1<br>130.9<br>167.4                           | 113.4<br>130.7<br>168.8 | 115.9<br>133.6<br>169.5 | 116.1<br>136.6 |  |



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OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

| Month           | 1937       | 1938       | 1939       | 1940       | 1941       |
|-----------------|------------|------------|------------|------------|------------|
| January         | 2,317,906  | 2,283,691  | 2,386,979  | 2,526,143  | 2,634,695  |
| February        | 2,146,578  | 2,057,598  | 2,214,174  | 2,367,031  | 2,407,068  |
| March           | 2,412,259  | 2,258,197  | 2,366,740  | 2,426,157  | 2,631,809  |
| April           | 2,322,884  | 2,063,801  | 2,197,379  | 2,398,722  | 2,693,353  |
| May             | 2,301,167  | 2,081,935  | 2,333,443  | 2,671,567  | 2,805,394  |
| June            | 2,255,338  | 1,973,155  | 2,245,537  | 2,578,883  | 2,580,060  |
| July            | 2,188,055  | 1,987,774  | 2,205,844  | 2,615,232  | 2,661,145  |
| August          | 2,197,725  | 2,075,901  | 2,293,032  | 2,500,179  | 2,640,084  |
| September       | 2,204,291  | 2,168,435  | 2,380,652  | 2,399,678  | 2,866,647  |
| October         | 2,365,052  | 2,333,461  | 2,589,956  | 2,487,455  | 3,140,317  |
| November        | 2,414,676  | 2,375,661  | 2,601,536  | 2,524,960  | 3,183,982  |
| December        | 2,457,996  | 2,353,196  | 2,536,242  | 2,584,341  |            |
| Total 12 months | 27,583,927 | 26,012,805 | 28,351,514 | 30,080,248 |            |
| " first 11 "    | 25,125,931 | 23,659,609 | 25,815,272 | 27,495,907 | 30,224,560 |

EXPORTS TO THE UNITED STATES

|                 |           |           |           |           |           |
|-----------------|-----------|-----------|-----------|-----------|-----------|
| January         | 134,931   | 157,532   | 166,915   | 149,050   | 192,470   |
| February        | 138,041   | 123,094   | 153,491   | 139,908   | 176,643   |
| March           | 172,695   | 144,091   | 165,422   | 155,402   | 201,613   |
| April           | 164,250   | 135,616   | 141,523   | 170,600   | 211,594   |
| May             | 161,033   | 155,292   | 164,520   | 193,354   | 210,495   |
| June            | 158,657   | 158,313   | 163,063   | 190,704   | 187,044   |
| July            | 164,057   | 159,349   | 162,973   | 203,058   | 197,433   |
| August          | 162,617   | 149,493   | 177,824   | 192,236   | 187,600   |
| September       | 143,441   | 151,691   | 159,713   | 186,983   | 183,954   |
| October         | 142,736   | 165,455   | 151,794   | 168,904   | 196,578   |
| November        | 145,549   | 165,299   | 155,247   | 185,492   | 199,856   |
| December        | 159,093   | 161,290   | 150,138   | 199,866   |           |
| Total 12 months | 1,847,100 | 1,826,515 | 1,912,623 | 2,135,557 |           |
| " first 11 "    | 1,688,007 | 1,665,225 | 1,762,485 | 1,935,691 | 2,145,280 |

OUTPUT LESS EXPORTS AND SECONDARY POWER

|                 |            |            |            |            |            |
|-----------------|------------|------------|------------|------------|------------|
| January         | 1,433,499  | 1,522,381  | 1,612,995  | 1,805,591  | 2,188,080  |
| February        | 1,307,226  | 1,404,034  | 1,455,426  | 1,680,884  | 2,008,725  |
| March           | 1,487,828  | 1,539,443  | 1,581,562  | 1,786,563  | 2,194,373  |
| April           | 1,469,055  | 1,447,356  | 1,528,777  | 1,784,640  | 2,146,361  |
| May             | 1,478,130  | 1,472,745  | 1,590,865  | 1,890,025  | 2,205,990  |
| June            | 1,456,355  | 1,439,682  | 1,555,822  | 1,812,317  | 2,167,151  |
| July            | 1,469,523  | 1,434,504  | 1,554,705  | 1,846,304  | 2,234,260  |
| August          | 1,501,943  | 1,487,662  | 1,609,545  | 1,893,312  | 2,288,214  |
| September       | 1,533,123  | 1,508,400  | 1,630,038  | 1,886,670  | 2,412,334  |
| October         | 1,611,025  | 1,602,664  | 1,753,729  | 2,021,032  | 2,610,102  |
| November        | 1,593,197  | 1,588,315  | 1,760,849  | 2,030,222  | 2,576,187  |
| December        | 1,593,203  | 1,609,049  | 1,770,859  | 2,083,949  |            |
| Total 12 months | 17,934,107 | 18,056,235 | 19,405,172 | 22,521,509 |            |
| " first 11 "    | 16,340,904 | 16,547,186 | 17,834,313 | 20,437,560 | 25,031,777 |