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ELECTRIC POWER STAT1STICS

DECEMBER 1964

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This report is the seventh of a revised series which contains several additions. Table 1 contains preliminary statistics on energy generation, imports, exports and secondary for the month of December. These preliminary statistics indicate that total net generation increased 10.0 per cent to $12,544,182$ thousand kwh. in December 1964 from 11,415,292 thousand kwh. generated one year ago.

Imports increased to 268,293 thousand kwh. from 224,516 thousand kwh, and exports decreased to 301,821 thousand kwh. From 323,546 thousand kwh. in December 1963.

Table 2 shows detailed data concerning the amount of energy made available snd the disposition of this energy for the month of October. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable October 1963 data is shown for all categories where it is available.

Tables 3, 4 and 5 give final data for the months January to October 1964 and preliminary data for other months. In table 3 the secondary energy includes both that used in electric boilers and that used for other purposes. In October, of the 392,761 thousand kwh. of secondary energy, 336,485 thousand kwh. were used in electric boilers and 56,276 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending December 31,1964 amounted to 134 , 289,295 thousand kwh. compared to $133,160,405$ thousand kwh. for the period ending in November.

Monthly electric power statistics are designed to provide current information on the porduction and consumption of electric energy in canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 millin kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station.

## Industry Division

February 1965
6511-513

TABLE 1. Preliminary Electric Energy Statisties
December 1964

(1) Secondary energy for use in other than electric boilers amounted to 776 thousand kwh. in New Brunswick, 40,690 thousind kwh. in Quebec, 13,760 thousand kwh. in Ontario and 2,292 thousand kwh. in Yukon and N.W.T.

TABLE 2. Supply and Demand of Electric Energy

| No. |  | $\begin{gathered} \text { Canada } \\ 1963 \\ \hline \end{gathered}$ | Canada | Newfoundland | Prince Edward Is 1 and | Nova Scotis |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Supply of electric energy |  |  | thousand kwh |  |  |
|  | Net generation: |  |  |  |  |  |
| 1 | Utilities - Hydro.......................... | 6,626,661 | 7,119,390 | 157,350 | - | 53,066 |
| 2 | Thermal | 1,509,839 | 1,700,881 | 7,523 | 11,226 | 165,296 |
| 3 | Totals | 8,136,500 | 8,820,271 | 164,873 | 11,226 | 218, 16 \% |
| 4 | Industry - Hydro .......................... | 1,966,166 | 2,659,423 ${ }^{\text {r }}$ | 36,766 | - | $3,145^{1}$ |
| 5 | Thermal ....................... | 254,537 ${ }^{\text {r }}$ | 302,789r | $2,228$ | - | $16,598$ |
| 6 | Totals ........ | 2,220,703 ${ }^{\text {r }}$ | 2,962,212 ${ }^{\text {T }}$ | 38,994 | . | $19,741^{\mathrm{r}}$ |
| 7 | Grand total - Hydro ........................ | 8,592,827 | 9,778,813 | 194,116 | - | 56,209 ${ }^{\text {r }}$ |
| 8 | Thermal ....................... | 1,764,376 | 2,003,670 | 9,751 | 11,226 | $181,894$ |
| 9 | Total net generation ...................... | 10,357,203 | 11,782,483 | 203,867 | 11,226 | $238,103^{x}$ |
| 10 | Energy imported: <br> From other provinces |  |  |  |  |  |
| 11 |  |  |  | - | - | 36 |
| 12 | Totals .......... | 261,533 | 318,318 | - | - | " |
| 13 |  | 261,533 $10,618,736$ | 318,318 $12,100,801$ | 203,867 | 11,226 | 36 238,139 |
|  | Sales: |  |  |  |  |  |
| 14 | Domestic | . | 1,962,156 | 17,663 | 3,773 | 43,186 |
| 15 | Farm(1) . ...................................... | - . | 69,707 | - | 3.73 | , 186 |
| 16 | General service (commercial) ............ | - | 927,122 | 6,788 | 5,200 | 33,090 |
| 17 | Power - Firm .............................. | $\cdots$ | 6,897,230 | 161,038 | - | 82,422 |
| 18 | Secondary . . . . . . . . . . . . . . . . . . . | . | 392,761 ${ }^{\text {r }}$ | 25 | - | 82, 22 |
| 19 | Total power ............................... | - | 7,289,991 | 161,063 | - | 82,422 |
| 20 | Street lighting ............................. | - | 73,825 | 665 | 135 | 1,692 |
| 21 | Total sales .............................. | - | 10,322,801 | 186,179 | 9,108 | 160,390 |
|  | Energy exported: |  |  |  |  |  |
| 22 | To other provinces - Firm ................. | . . |  | 7,050 | - | 360 |
| 23 | Secondary ......... |  |  | 7.050 | - | 32,155 |
| 24 | To United States - Pirm .................. | 80,063 | 66,986 | - | _ | 3,155 |
| 25 | Secondary | 205,718 | 341,659 | - | - | - |
| 26 | Total energy exported ................. | 285,781 | 408,645 | 7.050 | - | 32,515 |
| 27 | Unallocated energy (2) ....................... | . | 946,272 | 10,638 | 1,934 |  |
| 28 | Distribution by non-respondents ............ | $\ldots$ | 423,083 | 10,638 | 1,934 | $13,430$ |
| 29 | Total demand for electric energy .......... | . | 12,100,801 | 203,867 | 11,226 | 238,139 |

[^0]7.3.2 1. Welkanary Electric Energy Scatistics

December 1964

| New Branstick | raetien | Ontatio | Mitistoba | Saskatchewan | Alberta | British Columbia | Yukon and N.W.T. | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| thousand kwh. |  |  |  |  |  |  |  |  |
| 101,549 | 4,853,159 | 2,606,548 | 463,481 | 88,335 | 109,639 | 1,453,154 | 21,069 | 1 |
| 138,578 | 82,315 | 1,294,956 | 49,612 | 249,177 | 418,139 | 155,826 | 3,665 | 2 |
| 240,127 | 4,935,474 |  | 513,093 | 337,512 | 527,778 | 1,608,980 | 24,734 | 3 |
| 12,762 | 13,385 | 394,980 | 86,220 | 10,591 | 6,260 | 1,903 | - | 4 |
|  | , 73 | 265,872 | - | - |  | 2,277 | - | 5 |
| 12,833 | 13,458 | 660,852 | 86,220 | 10,591 | 6,260 | 4,180 | - | 6 |
| - | 375,759 | 2,911 | 587 | 51,078 | 1,903 | 6,260 | - | 7 |
| 4,826 | 21,626 | 36,718 | 10,053 | 51,078 | 1,903 | 6,260 | - | 8 |
| 16,612 | 1,569 | 47,918 | - | - | - | 206 | - | 9 |
| 5,204 | 4,562 | 222,287 | - | - | - | 3,463 | - | 10 |
| 26,642 | 403,516 | 309,834 | 10,640 | 51,078 | 1,903 | 9,929 | $\sim$ | 11 |
| 226,318 | 4, 545,416 | 4,252,522 | 588,673 | 297,025 | 532,135 | 1,603,231 |  | 12 |
| - 824 | 177,608 | -42,114 | 9,799 | 1,617 | 532,135 | - 36,718 | 3,058 | 13 |
| 225,494 | 4,367,808 | 4,210,408 | 578,874 | 295,408 | 532,135 | 1,566,513 | 21,676 | 14 |

r Revised figures
... Figures not appropriate or not applicable.
TABLE 2. Supply and Demand of Electric Energy Octobex 1964


[^1]... Figures not appropriate or not applicable.

TABLE 3. Supply of Electric Energy
January - December 1964

$\bar{R}$ Revised figures.
TABLE 4. Sales of Electric Energy to Ultimate Customers
January - October 1964

(l) Many utilities cannt distinguish between domestic and farm, as they do not keep separate records.

TABLE 5. Net Generation, 1960-64
CANADA


[^2]
[^0]:    (1) Many utilities cannot distinguish between domestic and farm, as they do not keep aeparate records.
    (2) Includes losses, unaccounted for, and cyclical billing adjuitment.

    Pigures not avallable.

[^1]:    Kovisid tigures.

[^2]:    $\bar{r}$ Revised figures.

