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## ELECTRIC POWER STATISTICS

JANUARY 1966

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of January 1966. These preliminary statistics indicate that net generation increased 10.9 per cent to $13,981,610$ thousand kwh. in January 1966 from $12,608,469$ thousand kwh. genexated one year ago.

Imports decreased to 245,055 thousand kwh. from 282,875 thousand kwh. and exports increased to 310,027 thousand kwh. from 304,582 thousand kwh. in January 1965.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of November 1965. These figures included 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 November 1964 data is shown for all categories.

Tables 3, 4 and 5 give final data for the months January to November 1965 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 November of the 478,275 thousand kwh. of secondary energy 416,919 thousand kwh. were used in electric boilers and 61,356 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending January 31, 1966 amounted to $144,533,995$ thousand kwh. compared to $143,160,854^{x}$ thousand kwh. for the period ending in December.

Monthly electric power statistics are designed to provide current information on the production 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 million 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 service.
$\bar{r}$ Revised figure.
Industry Division
March 1966
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January 1966

| No. |  | $\begin{gathered} \text { Canada } \\ 1965 \\ \hline \end{gathered}$ | Canada | Newfoundland | Prince Edward 1sland | Nova Scotia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | chousand kwh. |  |  |  |  |  |
| 1 | Net generstion - Hydro ....................... | 9,870,905 | 11,234,054 | 232,277 | - | 25,093 |
| 2 | Thermal .................. | 2,737,564 | 2,747,556 | 20,674 | 13,757 | 234,963 |
| 3 | Total net generation | 12,608,469 | 13,981,610 | 252,951 | 13,757 | 260,056 |
|  | Energy imporked: |  |  |  |  |  |
| 4 | From other provinces | . | , | - | - | 936 |
| 5 |  | 282,875 | 245,055 | - | - | - |
| 6 |  | $282,875$ | $245,055$ | - | - | 936 |
|  | Energy exported: |  |  |  |  |  |
| 7 | To other provinces - Firm ............. | -•• | ... | 7,190 | - | 11,848 |
| 8 | Secondary .......... |  | $\cdots$ | - | - | 7,632 |
| 9 | To United States - Firm ................ | 66,250 | 50,630 | - | - | , 632 |
| 10 | Secondary ............ | 238,332 | 259,397 | - | - | - |
| 11 | Totals .............................. | 304,582 | 310,027 | 7,190 | - | 19,480 |
| 12 | Net energy used in Canada ................. | 12,586,762 | 13,916,638 | 245,761 | 13,757 | 241,512 |
| 13 | Secondary energy used in Canada ............ | 305,220 | 296,616 | - - | 13.757 | , - |
| 14 | Firm energy used in Canada ................. | 12,281, 542 ${ }^{\text {r }}$ | 13,620,022 | 245, 761 | 13,757 | 241,512 |

TABLE 2. Supply and Demand of Electric Energy
November 1965

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.
(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 1. Preliminary Filectric Energy Statisties
January 1966

| New Brunswick | Quebec | Ontario | Manitoba | Saskarchewan | Alberta | British Columbla | Yukon and N.W.T. | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | thous and | wh. |  |  |  |  |
| 71,942 | 5,301,956 | 3,212,366 | 603,571 | 114,521 | 158,571 | 1,486,896 | 26,861 | 1 |
| 180,888 | 51,732 | 1, 196, 137 | 16,853 | 279,349 | 453,528 | 296,661 | 3,014 | 2 |
| 252,830 | 5,353,688 | 4,408,503 | 620,424 | 393,870 | 612,099 | 1,783,557 | 29,875 | 3 |
| 25,444 | 14,608 | 449,921 | 53,521 | 28,134 | 1,911 | 5,677 | - | 4 |
| 711 | 88 | 187,575 | - | , | , | 56,681 | - | 5 |
| 26,155 | 14,696 | 637,496 | 53,521 | 28,134 | 1.911 | 62,358 | - | 6 |
| - | 382,579 | - | 794 | 51,410 | 5,677 | 1,911 | - | 7 |
| 936 | 72,795 | 9,367 | 27,851 | 162 | - | - | - | 8 |
| 14,993 | 1,411 | 33,979 | - | - | - | 247 | - | 9 |
| $4,734$ | 407 | 197,249 |  |  | - | 57,007 | - | 10 |
| 20,663 | 457,192 | 240,595 | 28,645 | 51,572 | 5,677 | 59,165 | - | 11 |
| 258,322 | 4,911,192 | 4,805,404 | 645,300 | 370,432 | 608,333 | 1,786,750 | 29,875 | 12 |
| - | 275,484 | 61,829 | 21,775 | 1,187 | - | 28,574 | 7.767 | 13 |
| 258,322 | 4,735,708 | 4,743,575 | 623,525 | 369,245 | 608,333 | 1,758,176 | 22,108 | 14 |

TABLE 2. Supply and Demand of Glectric Energy
November 1965


[^0]TARLE 3. Supply of Electric Energy
January - November 1965

| Month | Tutal net generation | Imports from United States | Exports to United States | ```Net energy used in Canada``` | Secondary energy used in Canada | Firm energy used in Canada | Dally average, total net generation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | thousand kwh. |  |  |  |  |  |  |
| January | 12,608,469 | 282,875 | 304, 582 | 12,586,762 | 305, 220 | 12,281,542 | 406,725 |
| February | 11,484, 276 | 269,358 | 278,340 | 11,475,294 | 274,512 | 11, 200,782 | $410,153$ |
| March. | 12,402,808 | 297,298 | 292,847 | 12,407,259 | 307,407 | 12,099,852 | 400,091 |
| April | 11,439,236 | 291,917 | 277,125 | 11,454,028 | 255, 133 | 11,198,895 | 381,308 |
| May . | 11,364,988 | 327,919 | 317,522 | 11,375,385 | 225,700 | 11,149,685 | 366,613 |
| June | 10,770,417 | 405,609 | 278,918 | 10,897,108 | 137,466 | 10,759,642 | 359,014 |
| July | 10,830,173 | 374, 230 | 279,779 | 10,924,624 | 187,362 | 10,737, 262 | 349,360 |
| August: | 11,453,370 | 277,208 | 319,311 | 11,411,267 | 345,172 | 11,066,095 | 369,463 |
| September | 11,577, 781 | 293,685 | 314,121 | 11,557,345 | 348,809 | 11,208,536 | 385,926 |
| October. | 12,568,156 | 280,000 | 309,610 | 12,538,546 | 501,476 | 12,037,070 | 405,424 |
| November | 12,986,304 ${ }^{5}$ | 246,926 | 299,020 | 12,934,210 ${ }^{5}$ | $478,275^{2}$ | 12,455,935 | $432,877^{\pi}$ |
| December | 13,674,876 | 230,614 | 299,057 | 13,606,433 | 468,542 | 13, 137,891 | 441,125 |
| Year | 143,160,854 | 3,577,639 | 3,570,232 | 143,168,261 ${ }^{\text {r }}$ | $3,835,074{ }^{\text {r }}$ | $139,333,187^{5}$ | $392,221^{\text {r }}$ |

R Revised figures.
TABLE 4. Sales of Electric Energy to Ultimate Customers
January - October 1965

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

I Revised figures.
TABLE S. Net Generation, 1961-65
CANADA


[^1]
[^0]:    ... Figures not appropriate or not applicable.

[^1]:    T Revised figures.

