

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of December 1965. These preliminary statistics indicate that net generation increased 9.0 per cent to $13,674,876$ thousand kwh. in December 1965 from $12,542,881$ thousand kwh. generated one year ago.

Imports decreased to 230,614 thousand kwh. from 268,293 thousand kwh. and exports decreased to 299,057 thousand kwh. from 301,821 thousand kwh. in December 1964.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of October 1965. These figures include a breakdown of sales by rate categorles 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 1964 data is shown for all categories.

Tables 3, 4 and 5 give final data for the months January to October 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 October of the 501,476 thousand kwh. of secondary energy 442,309 thousand kwh. were used in electric boilers and 59,167 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending December 31, 1965 amounted to $143,160,854$ thousand kwh . compared to $142,028,859^{r}$ thousand kwh. for the period ending in November.

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.
$\bar{T}$ Revised figure.
Industry Dtvision
February 1966
6511-513

DOMINION BUREAU OF STATISTICS

FEB 28 1066
PROPERTY OF TME LIBRAP

TABLE 1. Preliminary Electric Energy Statiscien
December 1965

| No. |  | $\begin{gathered} \text { Canada } \\ 1964 \end{gathered}$ | Canada | Newionndland | s'ituce Eukat Island | Nuvis Scotia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | thousand kwh. |  |  |
| 1 | Net generation - Hydro | 9,975,976 | 11,104,131 | 231,046 | - | 22,808 |
| 2 | Thermal | 2,566,905 | 2,570,745 | 21,074 | 14, 107 | 230,606 |
| 3 | Total net generation . | 12,542,881 | 13,674,876 | 252,120 | 14,107 | 253,414 |
|  | Energy imported: |  |  |  |  |  |
| 4 | From other provinces ................... | *** | * $\cdot$ • | - | - | 5,199 |
| 5 | From United States. | 268,293 | 230,614 | - | - | - |
| 6 | Totals | 268,293 | 230,614 | - | - | 5,199 |
| 7 | Energy exported: <br> To other provinces - Firm ................ | . . | * . | 8,206 | - | 16,964 |
| 8 | Secondary ....... |  |  | , | - | 7,271 |
| 9 | To United States - Firm................ | 66,305 | 48,860 | - | - | - |
| 10 | Secondary | 235,516 | 250,197 | - | - | - |
| 11 | Totals ........... | 301,821 | 299,057 | 8,206 | - | 24,235 |
| 12 | Net energy used in Canada | 12,509,353 | $13,606,433$ | 243,914 | 14,107 | 234,378 |
| 13 | Secondary energy used in Canada(1) | 283,141 | 468,542 | 922 | - | , - |
| 14 | Firm energy used in canada............. | 12,226,212 | 13,137,891 | 242,992 | 14. 107 | 234,378 |

Secondary energy for use in other than electric boilers amounted to 44,781 thousand kwh. in quebec, 15,071 thousand kwh. in Ontario, 88 thousand kwh. In Saskatchewan and 466 thousand kwh. in Yukon and N.W.T.

TABLE 2. Supply and Demand of Electric Energy
October 1965

| No. |  | Canada 1964 | Canada | Newfoundland | Prince Edward Is land | Nova Scotia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Supply of electric energy |  |  | chousand kwh. |  |  |
|  | Net generation: |  |  |  |  |  |
| 1 | Utilities - Hydro | 7,119,390 | 7,978,870 | 160,066 | - | 10,80: |
| 2 | Thermal | 1,700,881 | 1,680,818 | 26,441 | 11,985 | 177,311 |
| 3 | Totals ................................. | 8,820,271 | $9,659,688^{r}$ | 186,507 | 11,985 | $188,117$ |
| 4 | Industry - Hydro . . . . . . . . . . . . . . . . . . | 2,659,423 | 2,581,523 | 38,196 | - | 1,528 |
| 5 | Therwal ..................... | 302,789 | 326,945 | 5,487 | - | 19,080 |
| 6 | Totals . ....................... . . . . . . | 2,962,212 | 2,908,468 | 43,683 | - | 20,608 |
| 7 | Grand total - Hydro . . . . . . . . . . . . . . . . . . . . | 9,778,813 | 10,560,393 | 198,262 | - | 12,330 |
| 8 | Thermal | 2,003,670 | 2,007,763 | 31,928 | 11,985 | 196,391 |
| 9 | Total net generation . . . . . . . . . . . . . . . . . | 11,782,483 | 12,568,156 ${ }^{\text {² }}$ | 230,190 | 11,985 | 208,721 |
|  | Energy imported: |  |  |  |  |  |
| 10 | From other provinces ........................ | -•• | -•• | - | - | 9,804 |
| 11 | From United States .................................. | 318,318 | 280,000 | - | - | - |
| 12 | Totals | 318,318 | 280,000 | 230, $=$ | - | $9,804$ |
| 13 | Total supply of electric energy ............ | 12,100,802 | 12,848,156 | 230, 190 | 11,985 | 218,525 |
|  | Demand for electric energy |  |  |  |  |  |
|  | Sales: |  |  |  |  |  |
| 14 | Domestic . . . . . . . . . ...................... | 1,962,156 | 2,116,958 | 19,346 | 4,345 | 46,343 |
| 15 | Farm(1) . | 69,707 | 71,754 | - | - | - |
| 16 | General service (commercial) ............ | 927,122 | 1,044,699 | 7,129 | 4,419 | 35,868 |
| 17 | Power - Firm ............................... | $6,805,140^{2}$ | 7, 177,557 | 185,049 | 1,207 | 83,092 |
| 18 | Secondary | 384,624 ${ }^{2}$ | 501,476 ${ }^{\text {r }}$ | - | - | - |
| 19 | Total power ............................ | 7,189, $764^{2}$ | 7,679,033 | 185,049 | 1,207 | 83,092 |
| 20 | Street lighting | 73,825 | 80,783 | 789 | 145 | 1,900 |
| 21 | Total sales ............................ | $10,222,574^{\text {8 }}$ | 10,993,227 | 212,313 | 10,116 | 167,203 |
| 22 | Energy exported: <br> To other provinces $=$ Firm |  |  | 6,859 | - | - |
| 23 | Secondary ......... | ... |  | - | - | 2,006 |
| 24 | To United States - Firm | 66,986 | 52,125 | - | - | - |
| 25 | Secondazy ............ | 341,659 | 257,485 | - | - | - |
| 26 | Total energy erported.................. | 408,645 | 309,610 | 6,859 | - | 2,006 |
| 27 | Unallocated energy(2) ..................... | 1,046,497 ${ }^{r}$ | 1,046,676 | 11,018 | 1,644 | 34,822 |
| 28 | Distribution by non-respondents ........... | 423,085 | 498,643 | - | 225 | 14,494 |
| 29 | Total demand for electric energy ......... | 12,100,801 | 12,848,156 | 230,190 | 11,985 | 218,52s. |

[^0]fable 1. Preliminary Electric Energy Statistics
December 1965

| New Brunswick | Uuebec | Ontario | Manitoba | Saskatchewan | Alberta | British Columbia | Yukon and N.W.T. | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| thousand kwh. |  |  |  |  |  |  |  |  |
| 82,379 | 5,292,088 | 3,235,832 | 565,493 | 115, 363 | 127,810 | 1,404,391 | 26,921 | 1 |
| 168,573 | 108,570 | 1,045,045 | 14,240 | 228,437 | 422,971 | 314,322 | 2,800 | 2 |
| 250,952 | 5,400,658 | 4,280,877 | 579,733 | 343,800 | 550,781 | 1,718,713 | 29,721 | 3 |
| 29,203 | 14,978 | 439,403 | 51,721 | 33,539 | 2,187 | 6,270 | - | 4 |
| 499 | 94 | 178,453 |  |  | , | 51,568 | . | 5 |
| 29,702 | 15,072 | 617,856 | 51,721 | 33,539 | 2,187 | 57,838 | - | 6 |
| - | 388,097 | - | 604 | 50,658 | 6,270 | 2,187 | - | 7 |
| 5,199 | 55,751 | 7,778 | 33,458 | 57 | , | - | - | 8 |
| 14,949 | 1,424 | 32,265 | - | - | - | 222 | - | 9 |
| 6,376 | 246 | 192,139 | - | - | - | 51,436 | - | 10 |
| 26,524 | 445,518 | 232,182 | 34,062 | 50,715 | 6,270 | 53,845 | - | 11 |
| 254,130 | 4,970,212 | 4,666,551 | 597,392 | 326,624 | 546,698 | 1,722,706 | 29,721 | 12 |
| - - | 354,826 | 60,986 | 20,734 | 1,016 | - | 23,805 | 6,253 | 13 |
| 254,130 | 4,615,386 | 4,605,565 | 576,658 | 325,608 | 546,698 | 1,698,901 | 23,468 | 14 |

TABLE 2. Supply snd Demand of Electric Energy
October 1965

| New Srunswick | Quebec | Ontardo | Manitoba | Saskatchewan | Alberta | British Columbia | Yukon and N.W.T. | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| thousand kwh. |  |  |  |  |  |  |  |  |
| 1:2,372 | 3,466,516 ${ }^{\text {² }}$ | 2,862,270 | 453,569 | 172,663 | 157,006 | 570,239 | 13,367 | 1 |
| 1:14,857 | 13,493 | ,687,130 | 7,269 | 119,794 | 274,511 | 245,269 | 2,758 | 2 |
| 2:7,229 | 3,480,009 ${ }^{\text {² }}$ | 3,549,400 | 460,838 | 292,457 | 431,517 | 815,508 | 2.6,125 | 3 |
| 5,080 | 1,688,146. | 148,945 | - | 6,420 | - | 689,476 | 3,732 | 4 |
| 57,421 | 31,638 | 83,782 | 3,136 | 7,397 | 27,622 | 91,382 | - - | 5 |
| 62,501 | 1,719,784 | 232,727 | 3,136 | 13,817 | 27,622 | 780,858 | 3,732 | 6 |
| 117,452 | 5,154, 662 ${ }^{\text {r }}$ | 3,011,215 | 453,569 | 179,083 | 157,006 | 1,259,715 | 17,099 | 7 |
| 172,278 | 45,131 | 770,912 | 10,405 | 127,191 | 302,133 | 336,651 | 2,758 | 8 |
| 289,730 | 5,199,793 ${ }^{\text {r }}$ | 3,782,127 | 463,974 | 306,274 | 459,139 | 1,596,366 | 19,857 | 9 |
| 5,448 ${ }^{2}$ | 11,647 | 522,797 ${ }^{\text {r }}$ | 51,661 | 6,679 | 3,641 | 1,620 | - | 10 |
| 775 6,223 | 73 11,720 | 226,856 749,653 | 51,661 | 6,679 | 3,641 | 52,296 53,916 | - | 11. |
| 295,993 | 5,211,513 | 4,531,780 | 515,635 | 312,953 | 462,780 | 1,650,282 | 19,857 | 13 |
| 38,799 | 597,722 | 890,333 | 128,442 | 55,992 | 79,755 | 254,576 | 1,305 | 14 |
| - | - - | - | 23,252 | 30, 184 | 18,318 | - | 1, - | 15 |
| 24,005 | 232,176 | 410,412 | 59,439 | 43,834 | 63,492 | 162,252 | 1,773 | 26 |
|  | 2,994,569 r | $2,084,120$ | 238,688 | 99,854 | 210,907 | 1,095,640 | 10,432 | 17 |
| $71^{2}$ | 398,594 ${ }^{\text {r }}$ | $60,432^{x}$ | 16,461 ${ }^{\text {r }}$ | 914 | $271{ }^{\text {r }}$ | 1,21,135 | 3,598 ${ }^{\text {2 }}$ | 18 |
| 174,070 | 3,393,163 | 2,144,552 | 255,149 | 100,768 | 211,178 | 1,116,775 | 14,030 | 19 |
| 1,610 | 22,154 | 27,584 | 6,113 | 2,698 | 9,166 | 8,592 | 32 | 20 |
| 238,484 | 4,245,215 | 3,472,881 | 472,395 | 233,476 | 381,909 | 1,542,095 | 17,140 | 21 |
| 4 | 394, 596 ${ }^{\text {r }}$ | - | 559 | 47,620 | 1,620 | 3,641 | - | 22 |
| 9,804 | 131,089 | 8,210 | 6,674 | 619 | - | - | - | 23 |
| 17,882 | 1,334 | 32,727 | - | - | - | 182 | - | 24 |
| 6,803 |  | 221,954 | , | - | - | 28,728 | - | 25 |
| 34,489 | 527,019 ${ }^{\text {r }}$ | 262,891 | 7,233 | 48,239 | 1,620 | 32,551 | - | 26 |
| 18,922 | 380,929 | 405,732 | 36,007 | 28,344 | 70,060 | 57,475 | 1,723 | 27 |
| 4,058 | 58,350 | 390,276 |  | 2,894 | 9,191 | 18,161 | . 994 | 28 |
| 295,953 | 5,211,513 | 4,531,780 | 515,635 | 312,953 | 462,780 | 1,650,282 | 19,857 | 29 |

... Figures not appropriate or not applicable.

TABLE 3. Supply of Electric Enel*:
January - December 1965

| Month | Total net generation | Imports from United States | Exports to United States | Net energy used in Canada | Secandary energy used in Canada | Firm energy <br> used in Canada | Datiy averdy. 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 ${ }^{\text {r }}$ | 11,208,5365 | 385,926 |
| October. | 12,568,156 ${ }^{\text {T}}$ | 280,000 | 309,610 | $12,538,546^{7}$ | 501,476 | 12,037,070 | 405,424 ${ }^{\text {r }}$ |
| November | 12,986,408 | 246,926 | 299,020 | 12,934,314 | 436,912 | 12,497,402 | 432,880 |
| December | 13,674,876 | 230,614 | 299,057 | 13,606,433 | 468,542 | 13,137,891 | 441,125 |
| Year | 143,160,958 | 3,577,639 | 3,570,232 | $143,168,365$ | 3,793,711 | $139,374,654$ | 392,222 |

r Revised Eigures.
TABLE 4. Sales of Electric Energy to Ultimate Customers
January - October 1965


[^1]TABLE 5. Net Generation, 1961-65
CANADA


[^2]
[^0]:    (1) Many utilities cannt distinguish between domestic and farm, as they do not keep separate records.
    (2) Includes lossea, unaccounted for, and cyclical bililng adjustment.

[^1]:    (1) Many utilities canot distinguish between domestic and farm, as they do not keep separate records.
    $r$ Revised figures.

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

