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## ELECTRIC POWER STATISTICS

APRIL 1968

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of April 1968. These preliminary statistics indicate that net generation increased 5.2 per cent to 14,060,741 thousand kwh. in April 1968 from 13,368,254<sup>F</sup> thousand kwh. generated one year ago.

Imports decreased to 259,810 thousand kwh. from 343,842 thousand kwh. and exports increased to 356,955 thousand kwh. from 300,951 thousand kwh. in April 1967.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of February 1968. 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 31). Distribution by non-respondents is the energy which is delivered by companies which report in the survey to companies which do not report. Consumption of own generation by industrial establishments is included in "used in own plant" (items 20 and 21).

Tables 5, 6 and 7 give final data for the months of January and February 1968 and preliminary data for other months. In Table 5 secondary energy includes both that used in own plant and that sold to ultimate customers. In February, of the 244,601 thousand kwh. of secondary energy 160,528 thousand kwh. was used in own plant, while 84,073 thousand kwh. was sold to ultimate customers.

Total generation for the twelve month period ending April 30, 1968 amounted to 168,163,358 thousand kwh. compared to 167,470,871<sup>F</sup> thousand kwh. for the period ending in March.

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 99.5 per cent of total production in 1966.

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

<sup>F</sup> Revised figures.

Manufacturing and Primary Industries Division

June 1968  
6503-513

TABLE 1. Preliminary Electric Energy Statistics  
April 1968

| No.           |  | Canada<br>1967          | Canada     | Newfound-<br>land | Prince Edward<br>Island | Nova<br>Scotia |
|---------------|--|-------------------------|------------|-------------------|-------------------------|----------------|
| thousand kwh. |  |                         |            |                   |                         |                |
| 1             | Net generation - Hydro .....   | 10,782,650              | 11,477,594 | 293,509           | -                       | 64,176         |
| 2             | Thermal .....  | 2,585,604 <sup>r</sup>  | 2,583,147  | 8,175             | 15,406                  | 138,543        |
| 3             | Total net generation (1 + 2) .....                                     | 13,368,254 <sup>r</sup> | 14,060,741 | 301,684           | 15,406                  | 202,719        |
| 4             | Energy received from other provinces and imported:                     |                         |            |                   |                         |                |
| 5             | Received from other provinces .....                                    | 343,842                 | 259,810    | -                 | -                       | 51,944         |
| 6             | Imported from United States .....                                      | 343,842                 | 259,810    | -                 | -                       | -              |
| 7             | Total received from other provinces and imported (4 + 5) .....         | 343,842                 | 259,810    | -                 | -                       | 51,944         |
| 8             | Energy delivered to other provinces and exported:                      |                         |            |                   |                         |                |
| 9             | Delivered to other provinces - Firm .....                              | ...                     | ...        | 4,211             | -                       | -              |
| 10            | Secondary .....  | ...                     | ...        | 1,080             | -                       | 48             |
| 11            | Exported to United States - Firm .....                                 | 58,066                  | 68,156     | -                 | -                       | -              |
| 12            | Secondary .....  | 242,885                 | 288,799    | -                 | -                       | -              |
| 13            | Total delivered to other provinces and exported (7 + 8 + 9 + 10) ..... | 300,951                 | 356,955    | 5,291             | -                       | 48             |
| 14            | Total made available for use in Canada (3 + 6 - 11) .....              | 13,411,145 <sup>r</sup> | 13,963,596 | 296,393           | 15,406                  | 254,615        |
| 15            | Secondary energy used in Canada (1) .....                              | 169,915                 | 149,504    | 6,235             | 1,810                   | 2,533          |
| 16            | Firm energy made available for use in Canada (12 - 13) .....           | 13,241,230 <sup>r</sup> | 13,814,092 | 290,158           | 13,596                  | 252,082        |

(1) Includes secondary energy used in own plant and sold to ultimate customers.

... Figures not appropriate or not applicable.

TABLE 2. Supply and Disposal of Electric Energy  
February 1968

| No.           |   | Canada<br>1967          | Canada                  | Newfound-<br>land | Prince Edward<br>Island | Nova<br>Scotia     |
|---------------|---|-------------------------|-------------------------|-------------------|-------------------------|--------------------|
| thousand kwh. |   |                         |                         |                   |                         |                    |
|               | <u>Supply of electric energy</u>  |                         |                         |                   |                         |                    |
| 1             | Net generation:   |                         |                         |                   |                         |                    |
| 2             | Utilities - Hydro .....   | 8,485,135 <sup>r</sup>  | 8,906,903               | 264,670           | -                       | 73,297             |
| 3             | Thermal .....   | 2,611,572               | 3,261,349 <sup>r</sup>  | 10,895            | 17,077                  | 141,517            |
| 4             | Totals (1 + 2) .....  | 11,096,707 <sup>r</sup> | 12,168,252 <sup>r</sup> | 275,565           | 17,077                  | 214,814            |
| 5             | Industry - Hydro .....  | 2,282,962               | 2,358,501               | 31,326            | -                       | 3,250              |
| 6             | Thermal .....   | 366,517 <sup>r</sup>    | 389,250 <sup>r</sup>    | 226               | -                       | 28,823             |
| 7             | Totals (4 + 5) .....  | 2,649,479 <sup>r</sup>  | 2,747,751 <sup>r</sup>  | 31,552            | -                       | 32,073             |
| 8             | Grand total - Hydro (1 + 4) .....   | 10,768,097 <sup>r</sup> | 11,265,404              | 295,996           | -                       | 70,547             |
| 9             | Thermal (2 + 5) .....   | 2,978,089 <sup>r</sup>  | 3,650,599 <sup>r</sup>  | 11,121            | 17,077                  | 170,340            |
| 10            | Total net generation (7 + 8) .....  | 13,746,186 <sup>r</sup> | 14,916,003 <sup>r</sup> | 307,117           | 17,077                  | 246,887            |
| 11            | Energy received from other provinces and imported:                        |                         |                         |                   |                         |                    |
| 12            | Received from other provinces .....                                       | ...                     | ...                     | "                 | -                       | 19,638             |
| 13            | Imported from United States .....   | 286,597                 | 389,820 <sup>r</sup>    | -                 | -                       | -                  |
| 14            | Total received from other provinces and imported (10 + 11) .....          | 286,597                 | 389,820 <sup>r</sup>    | -                 | -                       | 19,638             |
| 15            | Total supply of energy (9 + 12) .....                                     | 14,032,783 <sup>r</sup> | 15,305,823 <sup>r</sup> | 307,117           | 17,077                  | 266,525            |
|               | <u>Disposal of electric energy</u>  |                         |                         |                   |                         |                    |
| 16            | Energy delivered to other provinces and exported:                         |                         |                         |                   |                         |                    |
| 17            | Delivered to other provinces - Firm .....                                 | ...                     | ...                     | 5,608             | -                       | -                  |
| 18            | Secondary .....   | ...                     | ...                     | 2,150             | -                       | 793                |
| 19            | Exported to United States - Firm .....                                    | 42,737                  | 56,502                  | -                 | -                       | -                  |
| 20            | Secondary .....   | 295,278                 | 279,744                 | -                 | -                       | -                  |
| 21            | Total delivered to other provinces and exported (14 + 15 + 16 + 17) ..... | 338,015                 | 336,246                 | 7,758             | -                       | 793                |
| 22            | Total made available for use in Canada (13 - 18) .....                    | 13,694,768 <sup>r</sup> | 14,969,577 <sup>r</sup> | 299,359           | 17,077                  | 265,732            |
| 23            | Energy used in own plant - Firm .....                                     | 3,123,043 <sup>r</sup>  | 3,207,904               | 78,390            | -                       | 57,136             |
| 24            | Secondary .....   | 155,912 <sup>r</sup>    | 160,528 <sup>r</sup>    | 15,856            | -                       | 1,493 <sup>r</sup> |
| 25            | Total used in own plant (20 + 21) .....                                   | 3,278,955 <sup>r</sup>  | 3,368,432               | 94,246            | -                       | 58,629             |
| 26            | Sales to ultimate customers:  |                         |                         |                   |                         |                    |
| 27            | Power - Firm .....  | 4,485,222 <sup>r</sup>  | 4,845,446               | 139,168           | 2,521                   | 38,529             |
| 28            | Secondary .....   | 106,656 <sup>r</sup>    | 84,073 <sup>r</sup>     | -                 | 1,780                   | 923 <sup>r</sup>   |
| 29            | General service (commercial) .....  | 1,336,136               | 1,606,979               | 22,049            | 3,582                   | 58,745             |
| 30            | Domestic .....  | 2,853,471 <sup>r</sup>  | 3,240,004               | 28,261            | 7,686                   | 80,068             |
| 31            | Farm(1) .....   | 330,845 <sup>r</sup>    | 358,548                 | 83                | -                       | -                  |
| 32            | Street lighting .....   | 93,755 <sup>r</sup>     | 102,614                 | 1,230             | 169                     | 2,194              |
| 33            | Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....     | 9,206,085               | 10,237,664              | 190,791           | 15,738                  | 180,459            |
| 34            | Unallocated energy(2) .....   | 630,194 <sup>r</sup>    | 703,471                 | 13,074            | 1,339                   | 7,466              |
| 35            | Distribution by non-respondents .....                                     | 579,534                 | 660,010                 | 1,248             | -                       | 19,178             |
| 36            | Total disposal of energy (18 + 22 + 29 + 30 + 31)                         | 14,032,783 <sup>r</sup> | 15,305,823 <sup>r</sup> | 307,117           | 17,077                  | 266,525            |

(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 Electric Energy Statistics

April 1968

| New-Brunswick | Quebec    | Ontario   | Manitoba | Saskat-chewan | Alberta | British Columbia | Yukon  | Northwest Territories | No. |
|---------------|-----------|-----------|----------|---------------|---------|------------------|--------|-----------------------|-----|
| thousand kwh. |           |           |          |               |         |                  |        |                       |     |
| 299,407       | 5,105,862 | 3,467,724 | 473,504  | 144,741       | 33,955  | 1,567,271        | 11,429 | 16,016                | 1   |
| 89,154        | 165,878   | 1,033,457 | 37,408   | 236,709       | 549,306 | 305,157          | 932    | 3,022                 | 2   |
| 388,561       | 5,271,740 | 4,501,181 | 510,912  | 381,450       | 583,261 | 1,872,428        | 12,361 | 19,038                | 3   |
| 2,753         | 16,898    | 463,210   | 53,730   | 1,709         | 2,471   | 402              | -      | -                     | 4   |
| 226           | 96        | 148,014   | -        | -             | 70      | 111,404          | -      | -                     | 5   |
| 2,979         | 16,994    | 611,224   | 53,730   | 1,709         | 2,541   | 111,806          | -      | -                     | 6   |
| -             | 325,356   | -         | 1,129    | 52,804        | 423     | 2,471            | -      | -                     | 7   |
| 53,049        | 129,188   | 10,861    | 11,930   | 567           | -       | -                | -      | -                     | 8   |
| 32,294        | 1,419     | 34,109    | -        | -             | -       | 334              | -      | -                     | 9   |
| 3,879         | 51        | 223,327   | -        | -             | -       | 61,542           | -      | -                     | 10  |
| 89,222        | 456,014   | 268,297   | 13,059   | 53,371        | 423     | 64,347           | -      | -                     | 11  |
| 302,318       | 4,832,720 | 4,844,108 | 551,583  | 329,788       | 585,379 | 1,919,887        | 12,361 | 19,038                | 12  |
| 10,427        | 110,010   | 8,279     | 1,693    | 242           | -       | 1,666            | 2,466  | 4,143                 | 13  |
| 291,891       | 4,722,710 | 4,835,829 | 549,890  | 329,546       | 585,379 | 1,918,221        | 9,895  | 14,895                | 14  |

r Revised figures.

TABLE 2. Supply and Disposal of Electric Energy

February 1968

| New-Brunswick      | Quebec                 | Ontario                | Manitoba            | Saskat-chewan        | Alberta              | British Columbia       | Yukon              | Northwest Territories | No. |
|--------------------|------------------------|------------------------|---------------------|----------------------|----------------------|------------------------|--------------------|-----------------------|-----|
| thousand kwh.      |                        |                        |                     |                      |                      |                        |                    |                       |     |
| 160,411            | 3,868,699              | 2,926,923              | 582,334             | 94,685               | 116,068              | 794,540                | 9,487              | 15,789                | 1   |
| 140,766            | 296,813                | 1,593,183              | 55,280              | 306,710              | 477,684 <sup>r</sup> | 217,004                | 968                | 3,452 <sup>d</sup>    | 2   |
| 301,177            | 4,165,512              | 4,520,106              | 637,614             | 401,395              | 593,752 <sup>r</sup> | 1,011,544              | 10,455             | 19,241 <sup>d</sup>   | 3   |
| 3,613              | 1,399,626              | 127,557                | 5,226               | 6,830                | -                    | 779,012                | -                  | 2,061                 | 4   |
| 49,214             | 28,096 <sup>r</sup>    | 116,778 <sup>r</sup>   | 20                  | 8,548                | 48,309               | 109,236 <sup>r</sup>   | -                  | -                     | 5   |
| 52,827             | 1,427,722 <sup>r</sup> | 244,335 <sup>r</sup>   | 5,246               | 15,378               | 48,309               | 888,248 <sup>r</sup>   | -                  | 2,061                 | 6   |
| 164,024            | 5,268,325              | 3,054,480              | 587,560             | 101,515              | 116,068              | 1,573,552              | 9,487              | 17,850                | 7   |
| 189,980            | 324,909 <sup>r</sup>   | 1,709,961 <sup>r</sup> | 55,300              | 315,258              | 525,993 <sup>r</sup> | 326,240 <sup>r</sup>   | 968                | 3,452 <sup>d</sup>    | 8   |
| 354,004            | 5,593,234 <sup>r</sup> | 4,764,441 <sup>r</sup> | 642,860             | 416,773              | 642,061 <sup>r</sup> | 1,899,792 <sup>r</sup> | 10,455             | 21,302 <sup>d</sup>   | 9   |
| 3,669              | 20,114 <sup>r</sup>    | 444,513                | 55,178              | 20,899 <sup>r</sup>  | 810                  | 2,703                  | -                  | -                     | 10  |
| 93                 | 119                    | 284,518                | -                   | -                    | 88 <sup>r</sup>      | 105,002                | -                  | -                     | 11  |
| 3,762              | 20,233 <sup>r</sup>    | 729,031                | 55,178              | 20,899 <sup>r</sup>  | 898 <sup>r</sup>     | 107,705                | -                  | -                     | 12  |
| 357,766            | 5,613,467 <sup>r</sup> | 5,493,472              | 698,038             | 437,672 <sup>r</sup> | 642,959 <sup>r</sup> | 2,007,497              | 10,455             | 21,302                | 13  |
| -                  | 309,802 <sup>r</sup>   | -                      | 20,736              | 54,838               | 2,704 <sup>r</sup>   | 810                    | -                  | -                     | 14  |
| 19,638             | 121,793 <sup>r</sup>   | 12,527 <sup>r</sup>    | 15,956              | 169                  | -                    | -                      | -                  | -                     | 15  |
| 22,260             | 1,539                  | 32,393                 | -                   | -                    | -                    | 310                    | -                  | -                     | 16  |
| 10,429             | 2,560                  | 209,044                | -                   | -                    | -                    | 57,711                 | -                  | -                     | 17  |
| 52,327             | 435,694 <sup>r</sup>   | 253,964 <sup>r</sup>   | 36,692              | 55,007               | 2,704 <sup>r</sup>   | 58,831                 | -                  | -                     | 18  |
| 305,439            | 5,177,773 <sup>r</sup> | 5,239,508 <sup>r</sup> | 661,346             | 382,665 <sup>r</sup> | 640,255 <sup>r</sup> | 1,948,666              | 10,455             | 21,302                | 19  |
| 91,187             | 1,360,394              | 536,820                | 56,772              | 16,481               | 58,879               | 949,793                | 56                 | 1,996                 | 20  |
| 4,856 <sup>r</sup> | 113,868                | 6,158                  | 17,945 <sup>r</sup> | 204                  | -                    | -                      | 148 <sup>r</sup>   | -                     | 21  |
| 96,043             | 1,474,262              | 542,978                | 74,717              | 16,685               | 58,879               | 949,793                | 204                | 1,996                 | 22  |
| 82,301             | 1,762,913              | 1,907,756              | 211,556             | 147,536              | 183,132              | 358,960                | 4,910              | 6,164                 | 23  |
| 5,778              | 54,095 <sup>r</sup>    | 8,121 <sup>r</sup>     | 3,732 <sup>r</sup>  | -                    | -                    | 1,789 <sup>r</sup>     | 2,261 <sup>r</sup> | 5,594 <sup>d</sup>    | 24  |
| 32,446             | 393,271                | 605,731                | 94,536              | 38,525               | 130,099              | 223,342                | 1,736              | 2,917                 | 25  |
| 65,744             | 1,068,651              | 1,191,528              | 184,267             | 103,628              | 151,228              | 355,543                | 1,730              | 1,670                 | 26  |
| -                  | 73,446                 | 140,701                | 50,313              | 50,153               | 43,826               | 26                     | -                  | -                     | 27  |
| 1,997              | 33,778                 | 30,603                 | 7,153               | 3,557                | 11,031               | 10,828                 | 52                 | 22                    | 28  |
| 188,266            | 3,386,154              | 3,884,440              | 551,557             | 343,399              | 519,316              | 950,488                | 10,689             | 16,367                | 29  |
| 18,880             | 248,457                | 283,457                | 35,072              | 18,195               | 51,916               | 24,535                 | - 438              | 1,518                 | 30  |
| 2,250              | 68,900                 | 528,633                | -                   | 4,386                | 10,144               | 23,850                 | -                  | 1,421                 | 31  |
| 357,766            | 5,613,467 <sup>r</sup> | 5,493,472              | 698,038             | 437,672 <sup>r</sup> | 642,959              | 2,007,497              | 10,455             | 21,302                | 32  |

Figures not appropriate or not applicable.

r Revised figures.

TABLE 3. Cumulative Preliminary Electric Energy Statistics

January - April 1968

| No.  |   | Canada<br>1967          | Canada                  | Newfound-<br>land | Prince Edward<br>Island | Nova<br>Scotia         |
|--|---|-------------------------|-------------------------|-------------------|-------------------------|------------------------|
| thousand kwh.                                      |   |                         |                         |                   |                         |                        |
| 1  | Net generation - Hydro .....  | 44,811,311 <sup>r</sup> | 46,116,242 <sup>r</sup> | 1,195,407         | -                       | 312,463                |
| 2  | Thermal .....   | 11,814,225 <sup>r</sup> | 13,793,461 <sup>r</sup> | 41,253            | 67,411                  | 680,593 <sup>r</sup>   |
| 3  | Total net generation (1 + 2) .....  | 56,625,536 <sup>r</sup> | 59,909,703 <sup>r</sup> | 1,236,660         | 67,411                  | 993,056 <sup>r</sup>   |
| Energy received from other provinces and imported: |   |                         |                         |                   |                         |                        |
| 4  | Received from other provinces .....                                       | ...                     | ...                     | -                 | -                       | 96,906                 |
| 5  | Imported from United States .....   | 1,307,295               | 1,464,242               | -                 | -                       | -                      |
| 6  | Total received from other provinces and<br>imported (4 + 5) .....         | 1,307,295               | 1,464,242               | -                 | -                       | 96,906                 |
| Energy delivered to other provinces and exported:  |   |                         |                         |                   |                         |                        |
| 7  | Delivered to other provinces - Firm .....                                 | ...                     | ...                     | 22,213            | -                       | -                      |
| 8  | Secondary .....   | ...                     | ...                     | 5,750             | -                       | 11,128                 |
| 9  | Exported to United States - Firm .....                                    | 197,891                 | 241,245                 | -                 | -                       | -                      |
| 10   | Secondary .....   | 1,205,552               | 1,127,449               | -                 | -                       | -                      |
| 11   | Total delivered to other provinces and<br>exported (7 + 8 + 9 + 10) ..... | 1,403,443               | 1,368,694               | 27,963            | -                       | 11,128                 |
| 12   | Total made available for use in Canada (3 + 6 - 11)                       | 56,529,388 <sup>r</sup> | 60,005,251 <sup>r</sup> | 1,208,697         | 67,411                  | 1,078,834 <sup>r</sup> |
| 13   | Secondary energy used in Canada (1) .....                                 | 1,083,069 <sup>r</sup>  | 760,216 <sup>r</sup>    | 32,253            | 7,128                   | 9,844 <sup>r</sup>     |
| 14   | Firm energy made available for use in Canada<br>(12 - 13) .....           | 55,446,319 <sup>r</sup> | 59,245,035 <sup>r</sup> | 1,176,444         | 60,283                  | 1,068,990 <sup>r</sup> |

(1) Includes secondary energy used in own plant and sold to ultimate customers.

... Figures not appropriate or not applicable.

TABLE 4. Cumulative Supply and Disposal of Electric Energy

January - February 1968

| No.  |  | Canada<br>1967          | Canada                  | Newfound-<br>land | Prince Edward<br>Island | Nova<br>Scotia       |
|--|--|-------------------------|-------------------------|-------------------|-------------------------|----------------------|
| thousand kwh.                                      |  |                         |                         |                   |                         |                      |
|  | <u>Supply of electric energy</u>   |                         |                         |                   |                         |                      |
| Net generation:                                    |  |                         |                         |                   |                         |                      |
| 1  | Utilities - Hydro .....  | 17,913,942 <sup>r</sup> | 18,446,504              | 526,274           | -                       | 159,354              |
| 2  | Thermal .....  | 5,182,292               | 6,832,705               | 22,861            | 35,031                  | 318,348              |
| 3  | Totals (1 + 2) .....   | 23,096,234 <sup>r</sup> | 25,279,209              | 549,135           | 35,031                  | 477,695              |
| 4  | Industry - Hydro .....   | 4,854,108 <sup>r</sup>  | 4,889,407               | 64,373            | -                       | 6,771                |
| 5  | Thermal .....  | 745,215 <sup>r</sup>    | 761,054 <sup>r</sup>    | 636               | -                       | 55,455               |
| 6  | Totals (4 + 5) .....   | 5,599,323 <sup>r</sup>  | 5,650,461 <sup>r</sup>  | 65,009            | -                       | 62,226               |
| 7  | Grand total - Hydro (1 + 4) .....  | 22,768,050 <sup>r</sup> | 23,335,911 <sup>r</sup> | 590,647           | -                       | 166,165              |
| 8  | Thermal (2 + 5) .....  | 5,927,507 <sup>r</sup>  | 7,593,759 <sup>r</sup>  | 23,497            | 35,031                  | 374,057 <sup>r</sup> |
| 9  | Total net generation (7 + 8) .....   | 28,695,557 <sup>r</sup> | 30,929,670 <sup>r</sup> | 614,144           | 35,031                  | 540,222 <sup>r</sup> |
| Energy received from other provinces and imported: |  |                         |                         |                   |                         |                      |
| 10   | Received from other provinces .....  | ...                     | ...                     | -                 | -                       | 24,771               |
| 11   | Imported from United States .....  | 646,069                 | 762,922 <sup>r</sup>    | -                 | -                       | -                    |
| 12   | Total received from other provinces and<br>imported (10 + 11) .....          | 646,069                 | 762,922 <sup>r</sup>    | -                 | -                       | 24,771               |
| 13   | Total supply of energy (9 + 12) .....  | 29,341,626 <sup>r</sup> | 31,692,592 <sup>r</sup> | 614,144           | 35,031                  | 564,993              |
|  | <u>Disposal of electric energy</u>   |                         |                         |                   |                         |                      |
| Energy delivered to other provinces and exported:  |  |                         |                         |                   |                         |                      |
| 14   | Delivered to other provinces - Firm .....                                    | ...                     | ...                     | 12,483            | -                       | -                    |
| 15   | Secondary .....  | ...                     | ...                     | 3,926             | -                       | 10,785               |
| 16   | Exported to United States - Firm .....                                       | 91,961                  | 112,138                 | -                 | -                       | -                    |
| 17   | Secondary .....  | 647,411                 | 577,321                 | -                 | -                       | -                    |
| 18   | Total delivered to other provinces and<br>exported (14 + 15 + 16 + 17) ..... | 739,372                 | 689,459                 | 16,409            | -                       | 10,785               |
| 19   | Total made available for use in Canada (13 - 18)                             | 28,602,254 <sup>r</sup> | 31,003,133              | 597,735           | 35,031                  | 554,208              |
| 20   | Energy used in own plant - Firm .....  | 6,425,187 <sup>r</sup>  | 6,508,852               | 155,989           | -                       | 119,010              |
| 21   | Secondary .....  | 381,432 <sup>r</sup>    | 337,471 <sup>r</sup>    | 19,796            | -                       | 3,118 <sup>r</sup>   |
| 22   | Total used in own plant (20 + 21) .....                                      | 6,806,619 <sup>r</sup>  | 6,846,323 <sup>r</sup>  | 175,785           | -                       | 122,128              |
| Sales to ultimate customers:                       |  |                         |                         |                   |                         |                      |
| 23   | Power - Firm .....   | 9,170,287 <sup>r</sup>  | 9,773,595 <sup>r</sup>  | 286,204           | 2,693                   | 77,105 <sup>r</sup>  |
| 24   | Secondary .....  | 303,811 <sup>r</sup>    | 167,329 <sup>r</sup>    | -                 | 3,547                   | 1,893 <sup>r</sup>   |
| 25   | General service (commercial) .....   | 2,675,021 <sup>r</sup>  | 3,223,275               | 44,057            | 9,951                   | 115,417              |
| 26   | Domestic .....   | 5,653,360 <sup>r</sup>  | 6,442,576 <sup>r</sup>  | 59,921            | 15,915                  | 155,925              |
| 27   | Farm(1) .....  | 643,544 <sup>r</sup>    | 699,359                 | 159               | -                       | -                    |
| 28   | Street lighting .....  | 191,776 <sup>r</sup>    | 209,500                 | 2,794             | 337                     | 4,417                |
| 29   | Total sales to ultimate customers (23 + 24 +<br>25 + 26 + 27 + 28) .....     | 18,637,799 <sup>r</sup> | 20,515,634              | 393,135           | 32,443                  | 354,757 <sup>r</sup> |
| 30   | Unallocated energy(2) .....  | 1,966,071 <sup>r</sup>  | 2,212,544               | 26,391            | 2,588                   | 37,364               |
| 31   | Distribution by non-respondents .....  | 1,191,765               | 1,428,632               | 2,424             | -                       | 39,738               |
| 32   | Total disposal of energy (18 + 22 + 29 + 30 + 31)                            | 29,341,626 <sup>r</sup> | 31,692,592              | 614,144           | 35,031                  | 564,993              |

(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 3. Cumulative Preliminary Electric Energy Statistics  
January - April 1968

| New-Brunswick          | Quebec                  | Ontario                 | Manitoba               | Saskatchewan           | Alberta                | British Columbia       | Yukon               | Northwest Territories | No. |
|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|---------------------|-----------------------|-----|
| thousand kwh.          |                         |                         |                        |                        |                        |                        |                     |                       |     |
| 741,574                | 21,288,688              | 13,003,815 <sup>r</sup> | 2,180,432              | 532,000                | 369,397                | 6,379,394              | 41,158              | 71,914                | 1   |
| 711,680                | 1,199,381 <sup>r</sup>  | 6,159,648 <sup>r</sup>  | 226,624                | 1,158,363 <sup>r</sup> | 2,192,749 <sup>r</sup> | 1,338,323 <sup>r</sup> | 3,856               | 13,580                | 2   |
| 1,453,254              | 22,488,069 <sup>r</sup> | 19,163,463 <sup>r</sup> | 2,407,056              | 1,690,363 <sup>r</sup> | 2,562,146 <sup>r</sup> | 7,717,717 <sup>r</sup> | 45,014              | 85,494                | 3   |
| 22,290                 | 72,257 <sup>r</sup>     | 1,840,434               | 225,477                | 39,242 <sup>r</sup>    | 6,139                  | 7,679                  | -                   | -                     | 4   |
| 798                    | 429                     | 965,695                 | -                      | -                      | 265 <sup>r</sup>       | 497,055                | -                   | -                     | 5   |
| 23,088                 | 72,686 <sup>r</sup>     | 2,806,129               | 225,477                | 39,242 <sup>r</sup>    | 6,404 <sup>r</sup>     | 504,734                | -                   | -                     | 6   |
| -                      | 1,298,587 <sup>r</sup>  | -                       | 36,554                 | 222,577                | 8,453 <sup>r</sup>     | 6,139                  | -                   | -                     | 7   |
| 98,555                 | 494,208 <sup>r</sup>    | 43,601 <sup>r</sup>     | 60,718                 | 1,941                  | -                      | -                      | -                   | -                     | 8   |
| 98,183                 | 5,889                   | 135,797                 | -                      | -                      | -                      | 1,376                  | -                   | -                     | 9   |
| 33,120                 | 26,305                  | 854,568                 | -                      | -                      | -                      | 213,456                | -                   | -                     | 10  |
| 229,858                | 1,824,989 <sup>r</sup>  | 1,033,966 <sup>r</sup>  | 97,272                 | 224,518                | 8,453 <sup>r</sup>     | 220,971                | -                   | -                     | 11  |
| 1,246,484              | 20,735,766 <sup>r</sup> | 20,935,626 <sup>r</sup> | 2,535,261              | 1,505,087 <sup>r</sup> | 2,560,097 <sup>r</sup> | 8,001,480 <sup>r</sup> | 45,014              | 85,494                | 12  |
| 41,001 <sup>r</sup>    | 544,085 <sup>r</sup>    | 46,954 <sup>r</sup>     | 41,687 <sup>r</sup>    | 1,056                  | -                      | 6,741 <sup>r</sup>     | 9,947 <sup>r</sup>  | 19,520 <sup>r</sup>   | 13  |
| 1,205,483 <sup>r</sup> | 20,191,681 <sup>r</sup> | 20,888,672 <sup>r</sup> | 2,493,574 <sup>r</sup> | 1,504,031 <sup>r</sup> | 2,560,097 <sup>r</sup> | 7,994,739 <sup>r</sup> | 35,067 <sup>r</sup> | 65,974 <sup>r</sup>   | 14  |

<sup>r</sup> Revised figures.

TABLE 4. Cumulative Supply and Disposal of Electric Energy  
January - February 1968

| New-Brunswick      | Quebec                  | Ontario                 | Manitoba            | Saskatchewan         | Alberta                | British Columbia       | Yukon            | Northwest Territories | No. |
|--------------------|-------------------------|-------------------------|---------------------|----------------------|------------------------|------------------------|------------------|-----------------------|-----|
| thousand kwh.      |                         |                         |                     |                      |                        |                        |                  |                       |     |
| 133,063            | 8,064,888               | 6,063,086               | 1,217,228           | 246,747              | 267,076                | 1,595,512              | 20,145           | 33,095                | 1   |
| 320,102            | 588,675                 | 3,306,459               | 97,203              | 613,236              | 994,780                | 510,436                | 2,086            | 7,248                 | 2   |
| 330,165            | 8,653,563               | 9,369,545               | 1,314,431           | 859,983              | 1,261,856              | 2,105,948              | 22,231           | 40,343                | 3   |
| 3,862              | 2,908,886               | 266,683                 | 10,748              | 14,169               | -                      | 1,606,645              | -                | 4,266                 | 4   |
| 93,881             | 55,436 <sup>r</sup>     | 233,239 <sup>r</sup>    | 32                  | 17,790 <sup>r</sup>  | 87,943                 | 211,628 <sup>r</sup>   | -                | -                     | 5   |
| 101,743            | 2,964,322 <sup>r</sup>  | 499,922 <sup>r</sup>    | 10,780              | 31,959 <sup>r</sup>  | 87,943                 | 1,818,273 <sup>r</sup> | -                | 4,266                 | 6   |
| 259,925            | 10,973,774              | 6,329,769 <sup>r</sup>  | 1,227,976           | 260,916              | 267,076                | 3,202,157              | 20,145           | 37,361                | 7   |
| 434,983            | 644,111 <sup>r</sup>    | 3,539,698 <sup>r</sup>  | 97,235              | 631,026 <sup>r</sup> | 1,082,723 <sup>r</sup> | 722,064 <sup>r</sup>   | 2,086            | 7,248                 | 8   |
| 694,908            | 11,617,885 <sup>r</sup> | 9,869,467 <sup>r</sup>  | 1,325,211           | 891,942 <sup>r</sup> | 1,349,799 <sup>r</sup> | 3,924,221 <sup>r</sup> | 22,231           | 44,609 <sup>r</sup>   | 9   |
| 16,646             | 36,386 <sup>r</sup>     | 941,160                 | 114,180             | 34,721 <sup>r</sup>  | 1,482                  | 6,850                  | -                | -                     | 10  |
| 376                | 236                     | 543,541                 | -                   | -                    | 195 <sup>r</sup>       | 218,574                | -                | -                     | 11  |
| 17,022             | 36,622 <sup>r</sup>     | 1,484,701               | 114,180             | 34,721 <sup>r</sup>  | 1,677 <sup>r</sup>     | 225,424                | -                | -                     | 12  |
| 711,930            | 11,654,507 <sup>r</sup> | 11,354,168              | 1,439,391           | 926,663              | 1,351,476 <sup>r</sup> | 4,149,645              | 22,231           | 44,609 <sup>r</sup>   | 13  |
| -                  | 643,479 <sup>r</sup>    | -                       | 33,702              | 113,161              | 7,239 <sup>r</sup>     | 1,482                  | -                | -                     | 14  |
| 24,771             | 272,261 <sup>r</sup>    | 20,354 <sup>r</sup>     | 31,914              | 639                  | -                      | -                      | -                | -                     | 15  |
| 41,262             | 3,224                   | 66,902                  | -                   | -                    | -                      | 750                    | -                | -                     | 16  |
| 20,533             | 6,057                   | 446,375                 | -                   | -                    | -                      | 104,356                | -                | -                     | 17  |
| 86,566             | 925,021 <sup>r</sup>    | 533,631 <sup>r</sup>    | 65,616              | 113,800              | 7,239 <sup>r</sup>     | 106,588                | -                | -                     | 18  |
| 625,364            | 10,729,486 <sup>r</sup> | 10,820,537 <sup>r</sup> | 1,373,775           | 812,863              | 1,344,237 <sup>r</sup> | 4,043,057              | 22,231           | 44,609 <sup>r</sup>   | 19  |
| 188,679            | 2,757,160               | 1,082,501               | 116,157             | 32,085               | 109,253                | 1,943,706 <sup>r</sup> | 178              | 4,134                 | 20  |
| 8,040 <sup>r</sup> | 261,452 <sup>r</sup>    | 13,684                  | 30,513 <sup>r</sup> | 572                  | -                      | -                      | 296 <sup>r</sup> | -                     | 21  |
| 196,719            | 3,018,612               | 1,096,185               | 146,670             | 32,657               | 109,253                | 1,943,706 <sup>r</sup> | 474              | 4,134                 | 22  |
| 189,334            | 3,590,516               | 3,805,967               | 429,445             | 291,098              | 404,045                | 673,335                | 10,317           | 13,536                | 23  |
| 11,193             | 105,605 <sup>r</sup>    | 17,520 <sup>r</sup>     | 9,368 <sup>r</sup>  | -                    | -                      | 3,483 <sup>r</sup>     | 4,668            | 10,052 <sup>r</sup>   | 24  |
| 66,948             | 786,542                 | 1,215,828               | 193,151             | 75,511               | 246,376                | 461,289                | 3,778            | 4,427                 | 25  |
| 134,651            | 2,028,812               | 2,360,964               | 387,088             | 214,264 <sup>r</sup> | 305,686 <sup>r</sup>   | 772,919                | 3,916            | 2,515                 | 26  |
| -                  | 143,828                 | 281,340                 | 99,074              | 90,741               | 84,165                 | 52                     | -                | -                     | 27  |
| 3,953              | 66,544                  | 61,194                  | 15,779              | 7,684                | 23,757                 | 22,889                 | 103              | 49                    | 28  |
| 406,079            | 6,721,847               | 7,742,813 <sup>r</sup>  | 1,133,905           | 679,298 <sup>r</sup> | 1,064,029 <sup>r</sup> | 1,933,967 <sup>r</sup> | 22,782           | 30,579                | 29  |
| 17,876             | 843,118                 | 834,331                 | 93,200              | 91,664               | 149,229                | 111,673                | - 1,025          | 6,134                 | 30  |
| 4,690              | 145,909                 | 1,147,208               | -                   | 9,244                | 21,726                 | 53,711                 | -                | 3,762                 | 31  |
| 11,930             | 11,654,507 <sup>r</sup> | 11,354,168              | 1,439,391           | 926,663              | 1,351,476              | 4,149,645              | 22,231           | 44,609 <sup>r</sup>   | 32  |

... Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.

TABLE 5. Supply of Electric Energy  
January - April 1968

| Month           | Total net generation    | Imports from United States | Exports to United States | Net energy made available in Canada | Secondary energy used in Canada | Firm energy made available in Canada | Daily average, total net generation |
|-----------------|-------------------------|----------------------------|--------------------------|-------------------------------------|---------------------------------|--------------------------------------|-------------------------------------|
| thousand kwh.   |                         |                            |                          |                                     |                                 |                                      |                                     |
| January .....   | 16,013,667 <sup>r</sup> | 373,102 <sup>r</sup>       | 353,213                  | 16,033,556 <sup>r</sup>             | 260,199 <sup>r</sup>            | 15,773,357 <sup>r</sup>              | 516,570                             |
| February .....  | 14,916,003 <sup>r</sup> | 389,820 <sup>r</sup>       | 336,246                  | 14,969,577 <sup>r</sup>             | 244,601 <sup>r</sup>            | 14,724,976 <sup>r</sup>              | 514,345                             |
| March .....     | 14,919,292              | 441,510                    | 322,280                  | 15,038,522                          | 105,912                         | 14,932,610                           | 481,267                             |
| April .....     | 14,060,741              | 259,810                    | 356,955                  | 13,963,596                          | 149,504                         | 13,814,092                           | 468,691                             |
| May .....       |                         |                            |                          |                                     |                                 |                                      |                                     |
| June .....      |                         |                            |                          |                                     |                                 |                                      |                                     |
| July .....      |                         |                            |                          |                                     |                                 |                                      |                                     |
| August .....    |                         |                            |                          |                                     |                                 |                                      |                                     |
| September ..... |                         |                            |                          |                                     |                                 |                                      |                                     |
| October .....   |                         |                            |                          |                                     |                                 |                                      |                                     |
| November .....  |                         |                            |                          |                                     |                                 |                                      |                                     |
| December .....  |                         |                            |                          |                                     |                                 |                                      |                                     |
| Year .....      |                         |                            |                          |                                     |                                 |                                      |                                     |

<sup>r</sup> Revised figures.

TABLE 6. Sales of Electric Energy to Ultimate Customers  
January - February 1968

| Year and month       | Domestic               | Farm(1)   | General service (commercial) | Firm power(2) | Secondary power(2)   | Total power(2)         | Street lighting | Total sales to ultimate customers |
|----------------------|------------------------|-----------|------------------------------|---------------|----------------------|------------------------|-----------------|-----------------------------------|
| thousand kwh.        |                        |           |                              |               |                      |                        |                 |                                   |
| 1965 .....           | 25,795,091             | 1,092,482 | 12,398,338                   | 82,575,040    | 4,098,494            | 86,673,534             | 917,637         | 126,877,082                       |
| 1966 .....           | 27,980,360             | 1,181,531 | 13,384,689                   | 90,222,141    | 4,169,792            | 94,391,933             | 995,069         | 137,933,582                       |
| 1967 .....           | 30,774,628             | 1,306,019 | 15,694,256                   | 94,466,092    | 2,544,673            | 97,010,765             | 1,075,484       | 145,861,152                       |
| 1968 - January ..... | 3,202,572 <sup>r</sup> | 340,811   | 1,616,296 <sup>r</sup>       | 8,229,097     | 260,199 <sup>r</sup> | 8,489,296 <sup>r</sup> | 106,886         | 13,755,861 <sup>r</sup>           |
| February .....       | 3,240,004              | 358,548   | 1,606,979                    | 8,053,350     | 244,601 <sup>r</sup> | 8,297,951              | 102,614         | 13,656,096                        |
| March .....          |                        |           |                              |               |                      |                        |                 |                                   |
| April .....          |                        |           |                              |               |                      |                        |                 |                                   |
| May .....            |                        |           |                              |               |                      |                        |                 |                                   |
| June .....           |                        |           |                              |               |                      |                        |                 |                                   |
| July .....           |                        |           |                              |               |                      |                        |                 |                                   |
| August .....         |                        |           |                              |               |                      |                        |                 |                                   |
| September .....      |                        |           |                              |               |                      |                        |                 |                                   |
| October .....        |                        |           |                              |               |                      |                        |                 |                                   |
| November .....       |                        |           |                              |               |                      |                        |                 |                                   |
| December .....       |                        |           |                              |               |                      |                        |                 |                                   |
| Year .....           |                        |           |                              |               |                      |                        |                 |                                   |

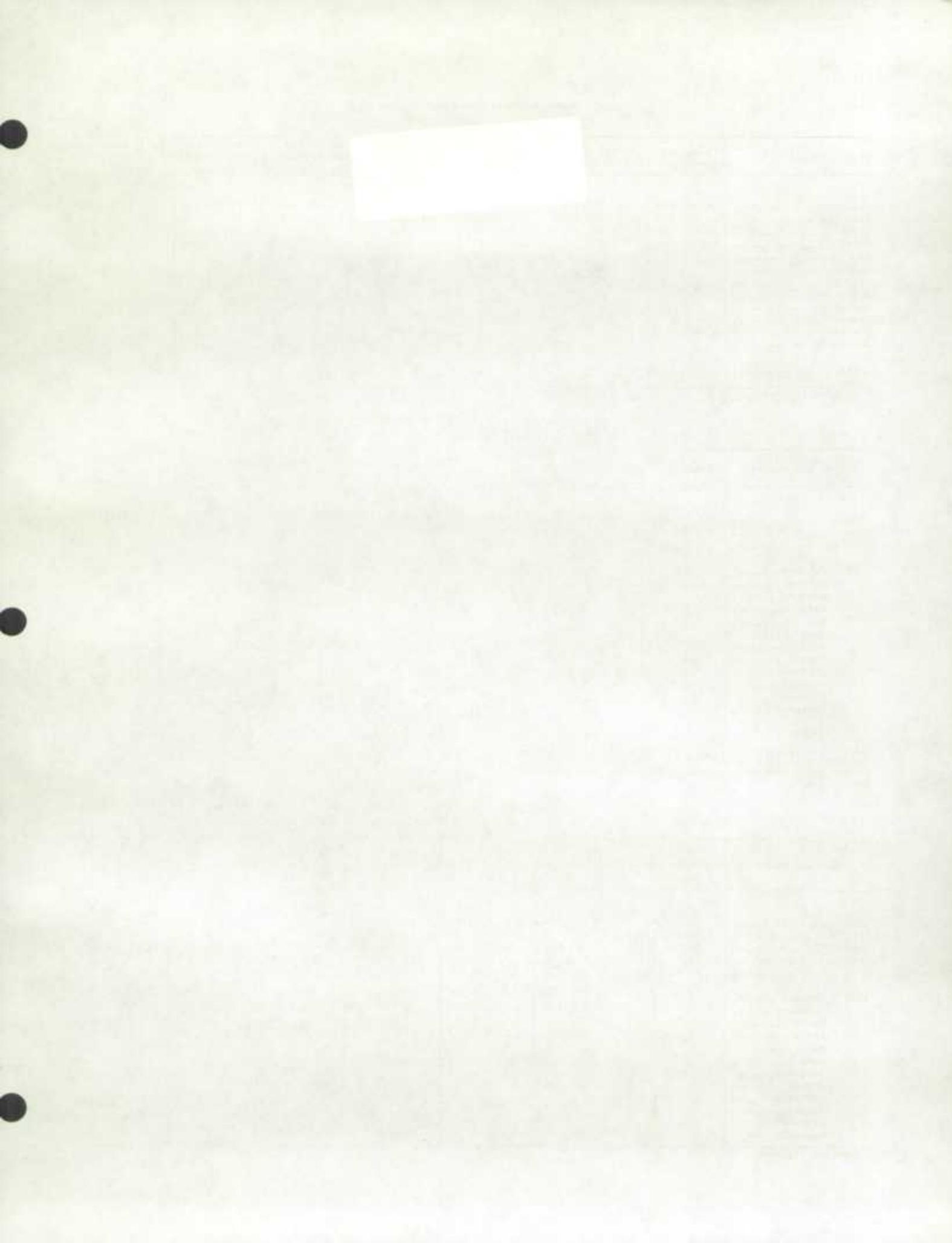
(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records. Sales to farm customers in Manitoba, Saskatchewan and Alberta only are included. (2) Includes sales to industrial establishments with generating facilities.

TABLE 7. Net Generation, 1963-68

CANADA

| Year and month       | Utilities              |                        |                         | Industry   |                      |                        | Grand total             |
|----------------------|------------------------|------------------------|-------------------------|------------|----------------------|------------------------|-------------------------|
|                      | Hydro                  | Thermal                | Total                   | Hydro      | Thermal              | Total                  |                         |
| thousand kwh.        |                        |                        |                         |            |                      |                        |                         |
| 1963 .....           | 80,214,421             | 15,428,726             | 95,643,147              | 23,102,958 | 2,811,630            | 25,914,588             | 121,557,735             |
| 1964 .....           | 84,888,835             | 17,588,035             | 102,476,870             | 28,336,790 | 3,478,537            | 31,815,327             | 134,292,197             |
| 1965 .....           | 87,490,735             | 22,572,614             | 110,063,349             | 29,218,627 | 3,888,465            | 33,107,092             | 143,170,441             |
| 1966 .....           | 98,931,115             | 23,842,680             | 122,773,795             | 30,740,804 | 3,841,885            | 34,582,689             | 157,356,484             |
| 1967 .....           | 104,433,784            | 28,415,928             | 132,849,712             | 27,730,801 | 4,298,678            | 32,029,479             | 164,879,191             |
| 1968 - January ..... | 9,539,601 <sup>r</sup> | 3,571,356 <sup>r</sup> | 13,110,957              | 2,530,906  | 371,804 <sup>r</sup> | 2,902,710 <sup>r</sup> | 16,013,667 <sup>r</sup> |
| February .....       | 8,906,903              | 3,261,349 <sup>r</sup> | 12,168,252 <sup>r</sup> | 2,358,501  | 389,250 <sup>r</sup> | 2,747,751 <sup>r</sup> | 14,916,003 <sup>r</sup> |
| March .....          | 9,033,930              | 3,203,153              | 12,237,083              | 2,268,807  | 413,402              | 2,682,209              | 14,919,292              |
| April .....          | 9,262,288              | 2,188,474              | 11,450,762              | 2,215,306  | 394,673              | 2,609,979              | 14,060,741              |
| May .....            |                        |                        |                         |            |                      |                        |                         |
| June .....           |                        |                        |                         |            |                      |                        |                         |
| July .....           |                        |                        |                         |            |                      |                        |                         |
| August .....         |                        |                        |                         |            |                      |                        |                         |
| September .....      |                        |                        |                         |            |                      |                        |                         |
| October .....        |                        |                        |                         |            |                      |                        |                         |
| November .....       |                        |                        |                         |            |                      |                        |                         |
| December .....       |                        |                        |                         |            |                      |                        |                         |

<sup>r</sup> Revised figures.



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