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ELECTRIC POWER STATISTICS

APRIL 1965

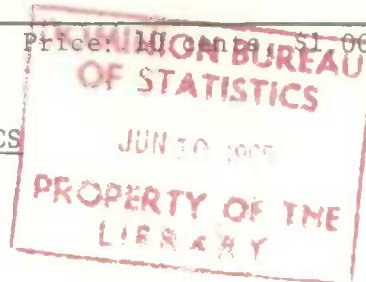


Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of April 1965. These preliminary statistics indicate that total net generation increased 5.8 per cent to 11,463,066 thousand kwh. in April 1965 from 10,839,225 thousand kwh. generated one year ago.

Imports increased to 291,937 thousand kwh. from 182,453 thousand kwh. and exports decreased to 277,125 thousand kwh. from 343,625 thousand kwh. in April 1964.

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

Tables 3, 4 and 5 give final data for the months of January and February 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 February of the 274,512 thousand kwh. of secondary energy 221,001 thousand kwh. were used in electric boilers and 53,511 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending April 30, 1965 amounted to 137,524,227 thousand kwh. compared to 136,900,386<sup>r</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 99.6 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

June 1965  
6511-513

(1) Secondary energy for use in other than electric boilers amounted to 949 thousand kwh. in New Brunswick, 45,679 thousand kwh. in Quebec, 67 thousand kwh. in Saskatchewan and 408 thousand kwh. in Yukon and N.W.T.

TABLE 2. Supply and Demand of Electric Energy  
February 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 Electric Energy Statistics  
April 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
102,625	4,506,414	2,528,996	431,108	137,624	77,013	1,166,499	41,655	1
146,438	44,763	1,086,039	10,999	147,615	341,534	251,545	2,525	2
249,063	4,551,177	3,615,035	442,107	285,239	418,547	1,418,044	44,180	3
12,379	21,611	397,545	56,574	6,708	4,118	746	-	4
236	74	245,202	-	-	-	46,425	-	5
12,615	21,685	642,747	56,574	6,708	4,118	47,171	-	6
-	381,683	2,283	561	46,117	746	4,118	-	7
8,041	17,546	24,063	6,509	215	-	-	-	8
16,378	1,125	31,638	-	-	-	166	-	9
5,223	1,946	216,999	-	-	-	3,650	-	10
29,642	402,300	274,983	7,070	46,332	746	7,934	-	11
232,036	4,170,562	3,982,799	491,611	245,615	421,919	1,457,281	44,180	12
949	137,252	53,356	21,152	677	-	15,003	5,947	13
231,087	4,033,310	3,929,443	470,459	244,938	421,919	1,442,278	38,233	14

... Figures not appropriate or not applicable.

TABLE 2. Supply and Demand of Electric Energy  
February 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
53,073	2,966,319	2,386,681 <sup>r</sup>	423,579	80,771	72,299	613,874	15,526	1
118,266 <sup>r</sup>	8,549	1,112,425	40,024	216,328	361,340	71,489	3,209 <sup>r</sup>	2
171,339 <sup>r</sup>	2,974,868	3,499,106 <sup>r</sup>	463,603	297,099	433,639	685,363	18,735 <sup>r</sup>	3
2,983	1,441,115	123,814	-	6,005	-	641,488	3,208	4
45,190	28,532	80,315	1,790	5,761	28,030	88,259	-	5
48,173	1,469,647	204,129	1,790	11,766	28,030	729,747	3,208	6
56,056	4,407,434	2,510,495 <sup>r</sup>	423,579	86,776	72,299	1,255,362	18,734	7
163,456 <sup>r</sup>	37,081	1,192,740	41,814	222,089	389,370	159,748	3,209 <sup>r</sup>	8
219,512 <sup>r</sup>	4,444,515	3,703,235 <sup>r</sup>	465,393	308,865	461,669	1,415,110	21,943 <sup>r</sup>	9
24,237	11,476	346,894	81,754 <sup>r</sup>	10,712	2,301	2,696	-	10
93	76	214,419	-	-	-	54,770	-	11
24,330	11,552	561,313	81,754 <sup>r</sup>	10,712	2,301	57,466	-	12
243,842	4,456,067	4,264,548	547,147	319,577	463,970	1,472,576	21,943	13
43,346	804,844	1,004,964	163,902	73,322	111,633	245,023	1,888	14
-	-	-	43,154	39,440	35,664	-	-	15
24,840	246,564	418,017	74,581	44,563	75,944	160,108	3,132	16
146,116	2,673,505	2,010,882	220,258	86,970	185,297	954,592	10,477	17
1,018 <sup>r</sup>	183,093 <sup>r</sup>	55,828 <sup>r</sup>	7,440 <sup>r</sup>	1,155	302 <sup>r</sup>	19,254 <sup>r</sup>	6,232 <sup>r</sup>	18
147,134	2,856,598	2,066,710	227,698	88,125	185,599	973,846	16,709	19
1,541	21,688	27,206	5,723	2,849	8,664	8,648	60	20
216,861	3,929,694	3,516,897	515,058	248,299	417,504	1,387,625	21,789	21
-	331,825	2,701	640	46,540 <sup>r</sup>	2,696	2,301	-	22
57	17,320	35,990	10,093	364	-	-	-	23
13,154	1,262	48,641	-	-	-	162	-	24
3,532	5,089	204,207	-	-	-	2,293	-	25
16,743	355,496	291,539	10,733	46,904 <sup>r</sup>	2,696	4,756	-	26
7,884	123,139	82,012	21,356	21,013	34,259	61,391	- 982	27
2,354	47,738	374,100	-	3,361	9,511	18,804	1,136	28
243,842	4,456,067	4,264,548	547,147	319,577	463,970	1,472,576	21,943	29

... Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.



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TABLE 3. Supply of Electric Energy  
January - April 1965

Month	Total 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	Daily average, total net generation
thousand kwh.							
January .....	12,608,469	282,875	304,582	12,586,762	305,220 <sup>r</sup>	12,281,542 <sup>r</sup>	406,725
February .....	11,484,276 <sup>r</sup>	269,358	278,340	11,475,294 <sup>r</sup>	274,512 <sup>r</sup>	11,200,782 <sup>r</sup>	410,153 <sup>r</sup>
March .....	12,402,753	297,298	292,847	12,407,204	313,325	12,093,879	400,087
April .....	11,463,066	291,937	277,125	11,477,878	234,494	11,243,384	382,102
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers  
January - February 1965

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	78,155,283 <sup>r</sup>	3,415,366 <sup>r</sup>	81,570,649	835,158	118,367,902
1965 - January ....	2,576,617	98,686	1,118,380	6,897,300 <sup>r</sup>	305,220 <sup>r</sup>	7,202,520	84,894	11,081,097
February ....	2,533,835	118,258	1,099,231	6,532,153	274,512 <sup>r</sup>	6,806,665	78,909	10,634,898
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.

<sup>r</sup> Revised figures.

TABLE 5. Net Generation, 1961-65

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,096,751	2,811,559	25,908,310	121,551,457
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 .....							
1965 - January ....	7,361,809	2,419,767	9,781,576	2,509,096	317,797	2,826,893	12,608,469
February ....	6,836,788 <sup>r</sup>	2,091,165 <sup>r</sup>	8,927,953 <sup>r</sup>	2,253,992	302,331	2,556,323	11,484,276 <sup>r</sup>
March .....	7,510,792	2,057,857	9,568,649	2,489,637	344,467	2,834,104	12,402,753
April .....	7,011,160	1,886,233	8,897,393	2,258,348	307,325	2,565,673	11,463,066
May .....							
June .....							
July .....							
August .....							
September ..							
October ....							
November ...							
December ...							

<sup>r</sup> Revised figures.