

57-001
RECEIVED
MAIL
SEP 8 1941
ROOM
BANK OF CANADA

c-2

Published by Authority of the Hon. James A. MACKINNON, M.P.,
Minister of Trade and Commerce.

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JULY, 1941.

Central electric stations produced 2,661,145,000 kw.h. in July, the highest July output on record, and this was exceeded only by the May 1940 and the April and May 1941 outputs. The index number adjusted for seasonal variations rose to a new high at 130.8.

Firm power produced for Canadian consumption (output less exports and secondary power) reached a new high point at 2,234,260,000 kw.h. The previous record was 2,205,990,000 kw.h. made in April last. The index number rose from 154.5 for June, the previous high record, to 160.3.

Secondary power for use in Canada was 229,452,000 kw.h. and for export 75,276,000 kw.h., a total of 304,728,000 kw.h. as against a total of 644,199,000 kw.h. in July 1940.

Exports to the United States amounted to 197,433,000 kw.h. as against 203,058,000 kw.h. in July 1940, both firm and secondary exports showing decreases.

Cumulative totals for January - July show an increase in firm power production of 18.8 p.c. and a decrease in secondary power of 71.1 p.c., making a net increase in the total of 4.6 p.c. over the 1940 output.

28/8/41.

Price per year 50 cents.

CENTRAL ELECTRIC

Month of

(Thousands of

			Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic		2,610,972	15	24,606
B	Thermal		50,173	574	13,311
C (A + B)	Total		2,661,145	589	37,917
D	<u>Receipts from other Provinces</u>			...	...
E (C + D)	<u>Output plus Receipts</u>			589	37,917
F	<u>Deliveries to other Provinces</u>			...	...
	<u>Exports to U.S.A.</u>				
G	Firm Power		122,157	...	...
H	Secondary "		75,276	...	...
I (G + H)	Total		197,433	...	...
J (F + I)	<u>Total Deliveries</u>			...	...
K (E - J)	<u>Net consumption in Canada</u>		2,463,712	589	37,917
	<u>Secondary Power</u>				
L	For Boilers		149,889	...	...
M	For other uses in Canada		79,563	...	273
N (L + M)	Total		229,452	...	273
O (K - N)	<u>Net consumption of Firm Power</u>		2,234,260	589	37,644
<u>CUMULATIVE PRODUCTION TOTALS. January - July</u>					
P	Firm Power	1940	13,445,612	3,674	241,902
Q		1941	15,974,766	4,704	271,044
R	Secondary Power	1940 (1)	4,138,123	...	...
S		1941 (1)	2,418,764	...	1,980
T (P + R)	Total	1940	17,583,735	3,674	241,902
U (Q + S)		1941	18,393,530	4,704	273,024
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>					
V (Average of O)		1940 (revised)	59,558	15	1,147
W (" " ")		1941	72,073	19	1,214

(1) Includes Secondary Power exported to U.S.A.

INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	<u>TOTAL OUTPUT</u>					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)</u>					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5

STATION DATA

JULY, 1941

(Kilowatt hours)

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	40,195 8,318	1,405,403 430	786,583 ...	103,901 239	33,992 15,223	17,273 7,361	199,004 4,717
	48,513	1,405,833	786,583	104,140	49,215	24,634	203,721
	499	14,765	284,946	...	...	2,052	...
	49,012	1,420,598	1,071,529	104,140	49,215	26,686	203,721
	...	285,445	14,765	...	...	...	2,052
	2,129 ...	53,360 ...	66,537 75,276	66 ...	... ...	... ...	65 ...
	2,129	53,360	141,813	66	...	...	65
	2,129	338,805	156,578	66	...	...	2,117
	46,883	1,081,793	914,951	104,074	49,215	26,686	201,604
	3,232 ...	102,497 29,263	23,739 49,090	20,334 937	... ...	... ...	87 ...
	3,232	131,760	72,829	21,271	...	...	87
	43,651	950,033	842,122	82,803	49,215	26,686	201,517
	257,105 268,076	6,898,486 8,549,205	3,821,259 4,442,675	567,905 596,935	314,297 335,971	147,904 168,635	1,193,080 1,337,521
	9,014 19,426	2,525,689 1,079,190	1,327,422 1,098,829	274,175 217,704	... ...	... ...	1,823 1,635
	266,119 287,502	9,424,175 9,628,395	5,148,681 5,541,504	842,080 814,639	314,297 335,971	147,904 168,635	1,194,903 1,339,156
	1,335 1,408	22,187 30,646	24,536 27,165	2,579 2,671	1,378 1,588	731 861	5,650 6,501

INDEX NUMBERS

(Average 1935-39 = 100)

	July	August	September	October	November	December	
			TOTAL OUTPUT				
	108.4 128.6 130.8	109.5 119.4	113.1 114.0	113.3 108.8	112.3 109.0	109.4 111.4	
			OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)				
	111.6 132.5 160.3	112.3 132.0	113.1 130.9	113.4 130.7	115.9 133.6	116.1 136.6	



1010659234

OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January	2,317,906	2,283,691	2,386,979	2,526,143	2,634,695
February	2,146,578	2,057,598	2,214,174	2,367,031	2,407,068
March	2,412,259	2,258,197	2,366,740	2,426,157	2,631,809
April	2,322,884	2,063,801	2,197,379	2,398,722	2,693,353
May	2,301,167	2,081,935	2,353,443	<u>2,671,567</u>	2,805,394
June	2,255,338	1,973,155	2,245,537	2,578,883	2,560,060
July	2,188,055	1,987,774	2,205,844	2,615,232	2,661,145
August	2,197,725	2,075,901	2,293,032	2,500,179	
September	2,204,291	2,168,435	2,380,652	2,399,678	
October	2,365,052	2,333,461	2,589,956	2,487,455	
November	2,414,676	<u>2,375,661</u>	<u>2,601,536</u>	2,524,860	
December	<u>2,457,996</u>	2,353,196	2,536,242	2,584,341	
Total 12 months	27,583,927	26,012,805	28,351,514	30,080,248	
" first 7 "	15,944,187	14,706,151	15,950,096	17,583,735	18,398,530

EXPORTS TO THE UNITED STATES

January	134,931	157,532	166,915	149,050	192,470
February	138,041	123,094	153,491	139,908	176,643
March	<u>172,695</u>	144,091	165,422	155,402	201,613
April	164,250	135,616	141,523	170,600	211,594
May	161,033	155,292	164,520	193,354	210,495
June	158,657	158,313	163,063	190,704	187,044
July	164,057	159,349	162,973	<u>203,058</u>	197,433
August	162,617	149,493	<u>177,824</u>	192,236	
September	143,441	151,691	159,713	186,983	
October	142,736	<u>165,455</u>	151,794	168,904	
November	145,549	165,299	155,247	185,492	
December	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	
" first 7 "	1,093,664	1,033,287	1,117,907	1,202,076	1,377,292

OUTPUT LESS EXPORTS AND SECONDARY POWER
(Revised)

January	1,433,499	1,522,381	1,612,995	1,805,591	2,188,080
February	1,307,226	1,404,034	1,455,426	1,680,884	2,008,725
March	1,487,828	1,539,443	1,581,562	1,786,563	2,194,373
April	1,469,055	1,447,356	1,528,777	1,784,640	2,146,361
May	1,478,130	1,472,745	1,590,865	1,890,025	2,205,990
June	1,456,355	1,439,682	1,555,822	1,812,317	2,167,151
July	1,469,523	1,434,504	1,554,705	1,846,304	2,234,260
August	1,501,943	1,487,662	1,609,545	1,893,312	
September	1,533,123	1,508,400	1,630,038	1,866,670	
October	<u>1,611,025</u>	1,602,664	1,753,729	2,021,032	
November	1,593,197	1,588,315	1,760,849	2,030,222	
December	1,593,203	<u>1,609,049</u>	<u>1,770,859</u>	<u>2,083,949</u>	
Total 12 months	17,934,107	18,056,235	19,405,172	22,521,509	
" first 7 "	10,101,616	10,260,145	10,880,152	12,606,324	15,144,940