

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

March, 1941.

The output of central electric stations for March amounted to 2,651,809,000 kw.h. which has been exceeded only twice, namely in May 1940 and January 1941. The production of firm power for consumption in Canada, however, reached a new high point at 2,194,373,000 kw.h. compared with 2,008,725,000 kw.h. in February and 2,188,075,000 kw.h. in January, the previous peak. The index number for this firm power also reached a new high point at 144.3 as against 120.7 for March 1940 and 106.1 for March 1939.

Exports to the United States increased from 176,643,000 kw.h. in February to 201,613,000 kw.h., the increase (on a daily basis) being all in secondary power.

25/4/41.

Price per year 50 cents.

CENTRAL ELECTRIC

Month of

(Thousands of

		Total	Prince Edward Island	Nova Scotia
A	<u>Production - Hydraulic</u>	2,578,206	14	24,119
B	Thermal	53,603	651	14,463
C (A + B)	Total	2,631,809	665	38,582
D	<u>Receipts from other Provinces</u>		...	...
E (C + D)	<u>Output plus Receipts</u>		665	38,582
F	<u>Deliveries to other Provinces</u>		...	...
	<u>Exports to U.S.A.</u>			
G	Firm Power	121,290	...	...
H	Secondary	80,323	...	...
I (G + H)	Total	201,613	...	...
J (F + I)	<u>Total Deliveries</u>		...	...
K (E - J)	<u>Net consumption in Canada</u>	2,430,196	665	38,582
	<u>Secondary Power</u>			
L	For Boilers	158,893	...	...
M	For other uses in Canada	76,930	...	...
N (L + M)	Total	235,823	...	...
O (K - N)	<u>Net consumption of Firm Power</u>	2,194,373	665	38,582
	<u>CUMULATIVE PRODUCTION TOTALS. January - March</u>			
P	Firm Power 1940	5,620,320	1,705	99,582
Q	1941	6,742,151	2,172	115,363
R	Secondary Power 1940 (1)	1,699,011	...	...
S	1941 (1)	931,421	...	...
T (P + R)	Total 1940	7,319,331	1,705	99,582
U (Q + S)	1941	7,673,572	2,172	115,363
	<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>			
V (Avg. of O)	March 1940	59,208	17	1,078
W " " "	" 1941	70,786	22	1,245

(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			
			<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>			
1939	106.5	106.5	106.1	107.8	109.7	110.6
1940	120.0	123.7	120.7	126.8	131.2	129.7
1941	141.7	143.8	144.3			

STATION DATA

March, 1941

Kilowatt hours)

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	22,705	1,373,784	806,050	116,970	33,316	9,825	191,423
	7,630	483	...	266	15,508	13,703	899
	30,335	1,374,267	806,050	117,236	48,824	23,528	192,322
	535	13,752	280,640	...	...	1,980	...
	30,870	1,388,019	1,086,690	117,236	48,824	25,508	192,322
	...	281,175	13,752	...	...	...	1,980
	2,711	55,235	63,214	92	...	...	38
	...	...	80,323	...	...	...	...
	2,711	55,235	143,537	92	...	...	38
	2,711	336,410	157,289	92	...	...	2,018
	28,159	1,051,609	929,401	117,144	48,824	25,508	190,304
	...	97,624	35,379	25,596	...	...	294
	...	24,410	50,011	2,509	...	...	...
	...	122,034	85,390	28,105	...	...	294
	28,159	929,575	844,011	89,039	48,824	25,508	190,010
	91,068	2,843,415	1,628,482	242,977	142,054	68,028	503,009
	103,970	3,577,323	1,925,798	254,567	144,395	73,528	545,035
	375	1,031,906	505,889	160,095	...	...	746
	4,185	392,859	443,764	89,793	...	...	820
	91,443	3,875,321	2,134,371	403,072	142,054	68,028	503,755
	108,155	3,970,182	2,369,562	344,360	144,395	73,528	545,855
	856	21,205	25,686	2,656	1,504	749	5,457
	908	29,986	27,226	2,872	1,575	823	6,129

INDEX NUMBERS

(Average 1935-39 = 100)

	July	August	September	October	November	December	
			<u>TOTAL OUTPUT</u>				
	108.4	109.5	113.1	113.3	112.3	109.4	
	128.6	119.4	114.0	108.8	109.0	111.4	
			<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>				
	110.9	112.3	113.4	114.4	116.6	116.7	
	132.3	132.8	131.5	131.5	134.1	136.9	



1010659226

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	
May	2,301,167	2,081,935	2,333,443	2,671,567	
June	2,255,338	1,973,155	2,245,537	2,578,883	
July	2,188,055	1,987,774	2,205,844	2,615,232	
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	2,375,661	2,601,536	2,524,860	
December	2,457,996	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 3 "	6,947,528	6,599,486	6,967,893	7,319,331	7,673,572

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	172,695	144,091	165,422	155,402	201,613
April	164,250	135,616	141,523	170,600	
May	161,033	155,292	164,520	193,354	
June	158,657	158,313	163,063	190,704	
July	164,057	159,349	162,973	203,058	
August	162,617	149,493	177,824	192,236	
September	143,441	151,691	159,713	186,983	
October	142,736	165,455	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 3 "	445,667	424,717	485,828	444,360	570,726

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,474,787	1,558,575	1,644,983	1,853,157	2,188,075
February	1,344,387	1,435,998	1,488,480	1,727,442	2,008,725
March	1,532,912	1,573,090	1,613,989	1,835,439	2,194,373
April	1,510,508	1,480,284	1,560,142	1,834,573	
May	1,519,545	1,505,826	1,623,856	1,941,629	
June	1,496,283	1,470,027	1,586,964	1,860,736	
July	1,510,365	1,466,399	1,587,154	1,892,596	
August	1,543,699	1,518,479	1,641,330	1,940,992	
September	1,573,502	1,537,426	1,668,186	1,933,692	
October	1,655,879	1,631,513	1,804,048	2,072,232	
November	1,632,494	1,617,311	1,809,175	2,079,984	
December	1,629,452	1,640,012	1,820,186	2,134,315	
Total 12 months	18,423,813	18,434,940	19,848,493	23,106,787	
" first 3 "	4,352,086	4,567,663	4,747,452	5,416,038	6,391,173