



57-001

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

JUNE, 1941.

The output of central electric stations during June amounted to 2,560,060,000 kw.h. as against 2,578,883,000 kw.h. in June last year. The decrease was all in secondary power which dropped from 643,817,000 to 277,254,000 kw.h. Cutting off secondary loads increases the capacity available for firm power loads but tends to reduce the total kw.h. output.

The consumption of firm power in Canada (output less exports to the United States and secondary power) amounted to 2,167,151,000 kw.h. as against 1,812,317,000 kw.h. in June 1940. On a daily basis (72,238,000 kw.h.) this was the highest on record, the average for May being 71,160,000 and for February 71,740,000 kw.h. The index number also rose to a new high at 154.5.

Exports to the United States dropped to 187,044,000 from 210,495,000 kw.h. in May, both firm and secondary power showing decreases.

The production of secondary power for use in Canada was reduced from 388,909,000 kw.h. in May to 205,865,000 kw.h. or less than half the production in June 1940.

25/7/41.

Price per year 50 cents.

CENTRAL ELECTRIC

Month of

(Thousands of

		Total	Prince Edward Island	Nova Scotia	
A	<u>Production - Hydraulic</u>	2,512,669	16	23,907	
B	Thermal	47,391	583	13,959	
C (A + B)	Total	2,560,060	599	37,866	
D	<u>Receipts from other Provinces</u>	...	...	...
E (C + D)	<u>Output plus Receipts</u>	...	599	37,866	
F	<u>Deliveries to other Provinces</u>	...	...	...
	<u>Exports to U.S.A.</u>				
G	Firm Power	115,655	...	...
H	Secondary "	71,389	...	...
I (G + H)	Total	187,044	...	...
J (F + I)	<u>Total Deliveries</u>	...	...	...
K (E - J)	<u>Net consumption in Canada</u>	2,373,016	599	37,866	
	<u>Secondary Power</u>				
L	For Boilers	126,690	...	...
M	For other uses in Canada	79,175	...	543	
N (L + M)	Total	205,865	...	543	
O (K - N)	<u>Net consumption of Firm Power</u>	2,167,151	599	37,323	
	<u>CUMULATIVE PRODUCTION TOTALS. January - June</u>				
P	Firm Power 1940	11,474,579	3,199	206,351	
Q	1941	13,618,349	4,115	233,400	
R	Secondary Power 1940 (1)	3,493,924	...	...
S	1941 (1)	2,114,036	...	1,707	
T (P + R)	Total 1940	14,968,503	3,199	206,351	
U (Q + S)	1941	15,732,385	4,115	235,107	
	<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>				
V (Average of O)	June 1940 (revised)	60,410	16	1,155	
W (" " ")	" 1941	72,238	20	1,244	

(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

JUNE, 1941

Kilowatt hours)

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	38,023 7,814	1,329,189 380	774,104 ...	112,888 210	32,187 14,640	17,021 6,166	185,335 3,639
	45,837	1,329,568	774,104	113,098	46,827	23,187	188,974
	520	13,813	273,075	...	...	2,044	...
	46,357	1,343,381	1,047,179	113,098	46,827	25,231	188,974
	...	273,595	13,813	...	...	...	2,044
	2,092 ...	51,741 ...	61,761 71,389	20 ...	... ...	... ...	41 ...
	2,092	51,741	133,150	20	...	...	41
	2,092	325,336	146,963	20	...	...	2,085
	44,265	1,018,045	900,216	113,078	46,827	25,231	186,889
	4,858	59,886 27,967	35,914 48,411	25,867 2,254	... ...	... ...	165 ...
	4,858	87,853	84,325	28,121	...	...	165
	39,407	930,192	815,891	84,957	46,827	25,231	186,724
	214,468 222,795	5,869,329 7,275,132	3,278,658 3,804,197	487,873 514,067	271,578 286,756	127,157 144,001	1,015,966 1,133,886
	5,575 16,194	2,105,437 947,430	1,121,834 950,724	259,522 196,432	... ...	... ...	1,556 1,549
	220,043 238,989	7,974,766 8,222,562	4,400,492 4,754,921	747,395 710,499	271,578 286,756	127,157 144,001	1,017,522 1,135,435
	1,369 1,313	22,447 31,006	25,052 27,196	2,697 2,832	1,372 1,562	696 841	5,606 6,224

INDEX NUMBERS

(Average 1935-39 - 100)

July	August	September	October	November	December	
		TOTAL OUTPUT				
108.4 128.6	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	112.3 132.0	113.1 130.9	113.4 130.7	115.9 133.6	116.1 136.6	



1010659232

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	2,333,443	<u>2,671,567</u>	2,805,394
June	2,255,338	1,973,155	2,245,537	<u>2,578,883</u>	2,560,060
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	<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 6 "	13,756,132	12,718,377	13,744,252	14,968,503	15,732,385

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>	
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 6 "	929,607	873,338	954,334	999,018	1,179,859

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	1,680,864	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	
August	1,501,943	1,487,662	1,609,545	1,893,312	
September	1,533,123	1,508,400	1,630,038	1,886,670	
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 6 "	8,632,093	8,825,641	9,325,447	10,760,020	12,910,680