

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**

ANS'D
NO COPY
TRANSFER FOR ATTENTION
TO

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  
OCTOBER, 1941.

Central electric stations created a new high record in October by producing 3,140,317,000 kw.h., and the index adjusted for seasonal variations rose to a new high at 137.4 as against 136.2 for September. Increases were shown in all provinces even after adjusting for the extra day in October, the largest increase being in Quebec where total output rose from 1,561,197,000 kw.h. in September to 1,722,889,000 kw.h. or by 10.3 p.c., or on a daily basis by 6.8 p.c. This was due to better water conditions.

Exports to the United States increased from 183,954,000 kw.h. in September to 196,578,000, the average daily export of firm power being practically unchanged, but secondary power increasing from 63,635,000 to 72,217,000 kw.h.

Secondary power produced for use in Canada increased from 270,359,000 to 333,637,000 kw.h.

The consumption of firm power in Canada (total output less exports and secondary power) amounted to 2,610,102,000 kw.h. as against 2,412,334,000 kw.h. in September and 2,021,032,000 kw.h. in October 1940. This was a new high record and the index number rose to 168.8 as against 167.4 for September which was the previous high record. The increase in the province of Quebec was from 783,578,000 kw.h. in October 1940 to 1,132,800, or an increase of 45 p.c.

28/11/41.

Price per year 50 cents.

## CENTRAL ELECTRIC

Month of

(Thousands of

				Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic			3,081,329	14	26,225
B	Thermal			58,988	741	15,729
C (A + B)	Total			3,140,317	755	41,954
D	<u>Receipts from other Provinces</u>			-	-	-
E (C + D)	<u>Output plus Receipts</u>			-	755	41,954
F	<u>Deliveries to other Provinces</u>			-	-	-
	<u>Exports to U.S.A.</u>					
G	Firm Power			124,361	-	-
H	Secondary "			72,217	-	-
I (G + H)	Total			196,578	-	-
J (F + I)	<u>Total Deliveries</u>			-	-	-
K (E - J)	<u>Net consumption in Canada</u>			2,943,739	755	41,954
	<u>Secondary Power</u>					
L	For Boilers			274,005	-	-
M	For other uses in Canada			59,632	-	-
N (L + M)	Total			333,637	-	-
O (K - N)	<u>Net consumption of Firm Power</u>			2,610,102	755	41,954
<u>CUMULATIVE PRODUCTION TOTALS. January - October</u>						
P	Firm Power	1940		19,587,514	5,391	350,381
Q		1941		23,652,226	6,804	391,050
R	Secondary Power	1940 (1)		5,383,533	-	-
S		1941 (1)		3,388,352	-	2,416
T (P + R)	Total	1940		24,971,047	5,391	350,381
U (Q + S)		1941		27,040,578	6,804	393,466
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>						
V (Average of O)	October	1940 (revised)		65,195	19	1,212
W ( " " " )	"	1941		84,197	24	1,353

(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

OCTOBER, 1941

Kilowatt hours)

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	42,303	1,722,338	860,933	153,699	35,810	18,140	221,867
	9,571	551	...	445	17,559	12,589	1,803
	51,874	1,722,889	860,933	154,144	53,369	30,729	223,670
	745	12,891	348,744	-	-	1,951	-
	52,619	1,735,780	1,209,677	154,144	53,369	32,680	223,670
	38	349,489	12,853	-	-	-	1,951
	2,584	54,529	67,118	89	-	-	41
	-	-	72,217	-	-	-	-
	2,584	54,529	139,335	89	-	-	41
	2,622	404,018	152,188	89	-	-	1,992
	49,997	1,331,762	1,057,489	154,055	53,369	32,680	221,678
	1,748	168,255	53,478	50,295	-	-	229
	-	30,707	21,522	7,403	-	-	-
	1,748	198,962	75,000	57,698	-	-	229
	48,249	1,132,800	982,489	96,357	53,369	32,680	221,449
	365,581	10,106,963	5,532,257	817,484	453,589	217,826	1,738,042
	406,821	12,769,576	6,488,208	867,429	488,607	250,642	1,983,089
	9,619	3,267,658	1,798,782	304,678	-	-	2,796
	24,737	1,510,699	1,512,444	335,846	-	-	2,210
	375,200	13,374,621	7,331,039	1,122,162	453,589	217,826	1,740,838
	431,558	14,280,275	8,000,652	1,203,275	488,607	250,642	1,985,299
	1,113	25,277	26,318	2,888	1,582	892	5,894
	1,557	36,542	31,693	3,108	1,722	1,054	7,144

## INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December	
TOTAL OUTPUT						
108.4	109.5	113.1	113.3	112.3	109.4	
128.6	119.4	114.0	108.8	109.0	111.4	
130.8	126.1	136.2	137.4			
OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)						
111.6	112.3	113.1	113.4	115.9	116.1	
132.5	132.0	130.9	130.7	133.6	136.6	
160.3	159.6	167.4	168.8			



1010659240

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	2,671,567	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	2,640,084
September	2,204,291	2,168,435	2,380,652	2,399,678	2,866,647
October	2,365,052	2,333,461	2,589,956	2,487,455	3,140,317
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 10 "	22,711,255	21,285,948	23,213,736	24,971,047	27,040,578

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	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	203,058	197,433
August	162,617	149,493	177,824	192,236	187,600
September	143,441	151,691	159,713	186,983	183,954
October	142,736	165,455	151,794	168,904	196,578
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 10 "	1,542,458	1,499,926	1,607,238	1,750,199	1,945,424

OUTPUT LESS EXPORTS AND SECONDARY POWER

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	2,288,214
September	1,533,123	1,508,400	1,630,038	1,886,670	2,412,334
October	1,611,025	1,602,664	1,753,729	2,021,032	2,610,102
November	1,593,197	1,588,315	1,760,849	2,030,222	
December	1,593,203	1,609,049	1,770,859	2,083,949	
Total 12 months	17,934,107	18,056,235	19,405,172	22,521,509	
" first 10 "	14,747,707	14,858,871	15,873,464	18,407,338	22,455,590