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of Trade and Commerce.

**BUREAU OF STATISTICS  
AND PUBLIC UTILITIES BRANCH  
OTTAWA**

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

SEPTEMBER, 1942

Central electric station output for September amounted to 2,946,611,000 kw. hrs. as compared with 2,866,647,000 kw. hrs. in 1941.

Exports to the United States dropped from 195,145,000 in August to 185,292,000 kw. hrs.

Secondary power for electric boilers and other uses declined from 270,359,000 kw. hrs. in September last year to 94,586,000 kw. hrs., and firm power consumption in Canada increased from 2,412,334,000 to 2,666,733,000 kw. hrs., or a daily average of 88,891,000 kw. hrs., which is the highest rate attained by the industry. In Quebec the daily average consumption of firm power increased from 34,805,000 kw. hrs. in September, 1941 to 41,698,000 kw. hrs., or by 19.8 p.c., and in Ontario from 30,400,000 to 32,110,000 kw. hrs., or by 5.5 p.c.

26/10/42

Price per year 50 cents.

## CENTRAL ELECTRIC

Month of

(Thousands of

			Total	Prince Edward Island	Nova Scotia	
A	<u>Production</u> - Hydraulic		2,888,584	11	19,668	
B	Thermal		58,027	748	16,135	
C (A + B)	Total		2,946,611	759	35,803	
D	<u>Receipts from other Provinces</u>			...	...	
E (C + D)	<u>Output plus Receipts</u>			759	35,803	
F	<u>Deliveries to other Provinces</u>			...	...	
	<u>Exports to U.S.A.</u>					
G	Firm Power		118,970	...	...	
H	Secondary "		66,322	...	...	
I (G + H)	Total		185,292	...	...	
J (F + I)	<u>Total Deliveries</u>			...	...	
K (E - J)	<u>Net consumption in Canada</u>		2,761,319	759	35,803	
	<u>Secondary Power</u>					
L	For Boilers		74,957	...	...	
M	For other uses in Canada		19,629	...	...	
N (L + M)	Total		94,586	...	...	
O (K - N)	<u>Net consumption of Firm Power</u>		2,666,733	759	35,803	
<u>CUMULATIVE PRODUCTION TOTALS. January - September</u>						
P	Firm Power	1941	20,917,763	6,049	349,095	
Q		1942	24,908,925	6,938	357,790	
R	Secondary Power	1941 (1)	2,982,498	...	2,417	
S		1942 (1)	2,605,400	...	939	
T (P + R)	Total	1941	23,900,261	6,049	351,512	
U (Q + S)		1942	27,514,325	6,938	358,729	
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS AND SECONDARY POWER)</u>						
V (Average of O)	September	1941	80,411	23	1,301	
W ( " " " )	"	1942	88,891	25	1,193	

(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
1942	142.9	157.6	141.7	144.3	146.1	146.6
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</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
1942	182.8	182.1	184.9	185.7	183.6	184.1

x - Revised.

## STATION DATA

SEPTEMBER, 1942

Kilowatt hours)

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	19,085 9,103	1,661,485 449	797,218 ...	121,258 150	55,026 16,825	27,754 9,850	207,079 4,787
	28,188	1,661,934	797,218	121,408	51,851	37,584	211,866
	605	5,414	352,362	...	...	2,256	...
	28,793	1,667,348	1,149,580	121,408	51,851	39,840	211,866
	...	352,967	5,414	...	...	...	2,256
	2,489 ...	54,050 ...	62,312 66,322	79 ...	... ...	... ...	40 ...
	2,489	54,050	128,634	79	...	...	40
	2,489	407,017	134,048	79	...	...	2,296
	28,304	1,260,351	1,015,532	121,329	51,851	39,840	209,570
	...	9,399	52,620	32,773	...	...	165
	...	...	19,629	...	...	...	...
	...	9,399	52,249	32,773	...	...	165
	26,304	1,250,932	963,283	88,556	51,851	39,840	209,405
	356,695 345,120	11,245,649 14,578,081	5,774,492 6,136,558	770,983 810,214	435,238 463,291	219,913 291,557	1,759,649 1,919,376
	22,989 22,158	1,311,737 830,780	1,365,227 1,403,243	278,148 345,925	... ...	... ...	1,980 2,355
	379,684 367,278	12,557,386 15,408,861	7,139,719 7,539,801	1,049,131 1,156,139	435,238 463,291	219,913 291,557	1,761,629 1,921,731
	1,464 877	34,805 41,698	30,400 32,110	2,927 2,952	1,656 1,728	948 1,328	6,887 6,980

## 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	103.0	111.4	
130.8	126.1	136.2	137.4	137.5	138.9	
145.8	142.8	140.0				
OUTPUT LESS EXPORTS AND SECONDARY POWER						
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	x 168.7	169.5	x 175.3	
188.6	187.8	185.0				



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# OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

Month	1938	1939	1940	1941	1942
January	2,283,691	2,386,979	2,526,143	2,634,701	3,226,289
February	2,057,598	2,214,174	2,367,031	2,407,068	2,864,438
March	2,258,197	2,366,740	2,426,157	2,631,809	3,220,953
April	2,063,801	2,197,379	2,398,722	2,693,353	3,082,740
May	2,081,935	2,333,443	2,671,567	2,805,394	3,174,764
June	1,973,155	2,245,537	2,578,883	2,560,060	3,043,200
July	1,987,774	2,205,844	2,615,232	2,661,145	2,965,655
August	2,075,901	2,293,032	2,500,179	2,640,084	2,989,675
September	2,168,435	2,380,652	2,399,678	2,866,647	2,946,611
October	2,333,461	2,589,956	2,487,455	3,140,317	
November	2,375,661	2,601,536	2,524,860	3,183,982	
December	2,353,196	2,536,242	2,584,341	3,220,800	
Total 12 months	26,012,805	28,351,514	30,080,248	33,445,360	
First 9 "	18,950,487	20,623,780	22,483,592	23,900,261	27,514,325

## EXPORTS TO THE UNITED STATES

January	157,532	166,915	149,050	192,470	206,530
February	123,094	153,491	139,908	176,643	176,136
March	144,091	165,422	155,402	201,613	216,110
April	135,616	141,523	170,600	211,594	216,355
May	155,292	164,520	193,354	210,495	225,610
June	158,313	163,063	190,704	187,044	212,012
July	159,349	162,973	203,058	197,433	195,827
August	149,493	177,824	192,236	187,600	195,145
September	151,691	159,713	186,983	183,954	185,292
October	165,455	151,794	168,904	196,578	
November	165,299	155,247	185,432	199,856	
December	161,290	150,138	199,866	214,261	
Total 12 months	1,826,515	1,912,623	2,135,557	2,359,541	
First 9 "	1,334,471	1,455,444	1,581,295	1,748,846	1,829,017

## OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,522,381	1,612,995	1,805,591	2,188,080	2,756,555
February	1,404,034	1,455,426	1,680,884	2,008,725	2,480,082
March	1,539,443	1,581,562	1,786,563	2,194,373	2,740,830
April	1,447,356	1,528,777	1,784,640	2,146,361	2,627,713
May	1,472,745	1,590,865	1,890,025	2,205,990	2,657,415
June	1,439,682	1,555,822	1,812,317	2,167,151	2,582,045
July	1,434,504	1,554,705	1,846,304	2,234,260	2,628,106
August	1,487,662	1,609,555	1,893,312	2,288,214	2,692,306
September	1,508,400	1,630,038	1,883,670	2,412,324	2,666,733
October	1,602,664	1,753,729	2,021,032	2,607,876	
November	1,588,315	1,760,849	2,030,222	2,576,187	
December	1,609,049	1,770,859	2,083,949	2,674,833	
Total 12 months	18,056,235	19,405,182	22,521,509	27,704,384	
First 9 "	13,256,207	14,119,745	16,386,306	19,845,488	23,831,878

Revised.