

57-001  
DEC 30 1942

e. 2

AS

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, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, C.S. Wrong, B.Sc.

---

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

NOVEMBER, 1942

For the first time this year the total output of central electric stations was less than for the corresponding month in 1941. The total output for November was 3,180,150,000 kw. hrs. as compared with 3,183,982,000 kw. hrs. in November last year. This decrease was all in secondary power which dropped from 485,471,000 to 238,077,000 kw. hrs.

Exports to the United States increased from 199,856,000 kw. hrs. last year to 206,191,000 kw. hrs. Primary power exports, however, decreased by 6,769,000 kw. hrs. or 5.5 p.c., and secondary power exports increased by 13,104,000 kw. hrs. or 16.9 p.c.

Secondary power for use in Canada decreased from 407,939,000 kw. hrs. in November last year to 147,441,000 kw. hrs.

Consumption of firm power in Canada amounted to 2,826,521,000 kw. hrs. as against 2,828,330,000 kw. hrs. in October and 2,576,187,000 kw. hrs. in November, 1941. This was a daily average of 94,217,000 kw. hrs., the highest reached to date, and exceeded the October average by 3.3 p.c., the November 1941 average by 9.7 p.c., and the November 1940 average by 39.2 p.c.

The index number for firm power consumption adjusted for seasonal variations, was 186.0 as against the peak of 188.6 for July.

## CENTRAL ELECTRIC

Month of

(Thousands of

			Total	Prince Edward Island	Nova Scotia
A	Production - Hydraulic	3,115,335	3,115,335	20	31,863
B	Thermal	64,818	64,818	894	16,122
C (A + B)	Total	3,180,153	3,180,153	914	47,985
D	Receipts from other Provinces			...	...
E (C + D)	Output plus Receipts			914	47,985
F	Deliveries to other Provinces			...	...
	Exports to U.S.A.				
G	Firm Power	115,555	115,555	...	...
H	Secondary "	90,636	90,636	...	...
I (G + H)	Total	206,191	206,191	...	...
J (F + I)	Total Deliveries			...	...
K (E - J)	Net consumption in Canada		2,973,962	914	47,985
	Secondary Power				
L	For Boilers	126,237	126,237	...	...
M	For other uses in Canada	21,204	21,204	...	...
N (L + M)	Total	147,441	147,441	...	...
O (K - N)	Net consumption of Firm Power		2,826,521	914	47,985
CUMULATIVE PRODUCTION TOTALS. January - November					
P	Firm Power	1941	x 26,348,511	7,700	433,707
Q		1942	30,799,090	8,645	452,771
R	Secondary Power	1941 (1)	x 3,876,049	...	2,568
S		1942 (1)	3,061,620	...	939
T (P + R)	Total	1941	30,224,560	7,700	436,275
U (Q + S)		1942	33,860,710	8,645	453,710
DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS & SECONDARY POWER)					
V (Average of C)		1941	85,873	30	1,422
W ( " " " )		1942	94,217	30	1,599

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

## INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	TOTAL OUTPUT					
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	137.6	141.7	144.3	146.1	146.6
	OUTPUT LESS EXPORTS AND SECONDARY POWER					
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	185.6	184.1

x - Revised.

## STATION DATA

NOVEMBER, 1942

Kilowatt hours)

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	36,485 10,059	1,727,967 498	865,734 ...	157,703 170	46,169 20,018	25,457 14,862	223,937 2,195
	46,544	1,728,465	865,734	157,873	66,187	40,319	226,132
	610	5,286	339,291	...	...	3,473	...
	47,154	1,733,751	1,205,025	157,873	66,187	43,792	226,132
	...	339,901	5,286	...	...	...	3,473
	2,836 ...	54,351 ...	58,229 90,636	94 ...	... ...	... ...	45 ...
	2,836	54,351	148,865	94	...	...	45
	2,836	394,252	154,151	94	...	...	3,518
	44,318	1,339,499	1,050,874	157,779	66,187	43,792	222,614
	1,743 ...	18,487 ...	50,962 21,204	54,990 ...	... ...	... ...	49 ...
	1,749	18,487	72,166	54,990	...	...	49
	42,569	1,321,012	978,708	102,789	66,187	43,792	222,565
	453,576 429,271	14,266,985 18,017,254	7,191,471 7,539,221	965,323 1,014,686	543,371 587,729	282,401 370,717	2,203,977 2,378,796
	27,823 24,462	1,773,934 861,799	1,678,506 1,723,044	390,667 448,782	... ...	... ...	2,551 2,594
	481,399 453,733	16,040,919 18,879,053	8,869,977 9,262,265	1,355,990 1,463,468	543,371 587,729	282,401 370,717	2,206,528 2,381,390
	1,474 1,419	37,029 44,034	32,413 32,624	3,259 3,426	1,826 2,206	1,124 1,460	7,296 7,419

## INDEX NUMBERS

(Average 1935-39 = 100)

	July	August	September	October	November	December	
			TOTAL OUTPUT				
	109.4	109.5	113.1	113.3	112.3	109.4	
	126.6	119.4	114.0	108.8	109.0	111.4	
	130.8	126.1	136.2	137.4	137.5	138.9	
	145.8	142.8	140.0	138.5	137.3		
		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	
	160.5	159.6	167.4	168.7	169.5	175.3	
	188.0	187.8	185.0	182.9	186.0		





1010659218

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	2,197,373	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	2,965,671
August	2,075,901	2,293,032	2,500,179	2,640,084	2,989,690
September	2,168,435	2,380,652	2,399,678	2,866,647	2,946,626
October	2,333,461	2,589,956	2,487,455	3,140,317	3,166,186
November	2,375,661	2,601,536	2,524,860	3,183,982	3,180,153
December	2,353,196	2,536,242	2,584,541	3,220,800	
Total 12 months	26,012,805	28,351,514	30,080,248	33,445,560	
First 11 "	23,659,609	25,815,272	27,495,907	30,224,560	33,860,710

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	216,555
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	207,087
November	165,299	155,247	185,492	199,856	206,191
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 11 "	1,665,225	1,762,485	1,935,691	2,145,280	2,242,295

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	1,612,317	2,167,151	2,582,045
July	1,434,504	1,554,705	1,846,304	2,234,260	2,528,122
August	1,487,662	1,609,555	1,893,312	2,288,214	2,692,321
September	1,508,400	1,630,088	1,886,670	2,412,334	2,666,748
October	1,602,664	1,753,729	2,021,032	2,607,876	2,828,330
November	1,588,315	1,760,849	2,030,222	2,576,187	2,826,522
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 11 "	16,547,186	17,634,323	20,437,560	25,029,551	29,486,683