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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**

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA  
JULY, 1942.

Central electric stations produced 2,965,655,000 kw. hrs. during July as compared with 3,043,200,000 in June and 2,661,145,000 in July last year. The decrease from June was entirely in secondary power which declined from 342,038,000 to 214,216,000 kw. hrs., whereas firm power increased from 2,701,162,000 to 2,751,439,000 kw. hrs. On a daily basis, however, the July rate of production of firm power was 1.4 p. c. lower than in June. The decline was less than the usual and the index of firm power production for use in Canada, adjusted for seasonal variations, increased from 184.1 to 188.6, the highest reached to date.

Exports to the United States amounted to 195,827,000 kw. hrs., composed of 123,333,000 kw. hrs. of firm power and 72,494,000 kw. hrs. of secondary power.

Production of secondary power for use in Canada dropped from 229,452,000 kw. hrs. in July 1941 to 141,722,000 kw. hrs., or by 38 p.c. In Quebec, where over half of this power was used in 1941, the decrease was over 50 p.c., and in Ontario it was 27 p.c.

Consumption of firm power in Quebec increased from 950,033,000 kw. hrs. in July 1941 to 1,246,853,000 kw. hrs. or by 31.2 p.c., and in Ontario from 842,122,000 to 938,022,000 kw. hrs. or by 11.4 p.c., compared with an increase in the total for Canada of 17.6 p.c.

25/8/42

Price per year 50 cents.

## CENTRAL ELECTRIC

Month of

(Thousands of

		Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic	2,909,722	12	20,618
B	Thermal	55,933	648	14,912
C (A + B)	Total	2,965,655	660	35,530
D	<u>Receipts from other Provinces</u>	...	...	...
E (C + D)	Output plus Receipts		660	35,530
F	<u>Deliveries to other Provinces</u>	...	...	...
G	<u>Exports to U.S.A.</u> Firm Power	123,333	...	...
H	Secondary "	72,494	...	...
I (G + H)	Total	195,827	...	...
J (F + I)	Total Deliveries	...	...	...
K (E - J)	<u>Net consumption in Canada</u>	2,769,828	660	35,530
L	<u>Secondary Power</u> For Boilers	120,117	...	...
M	For other uses in Canada	21,605	...	73
N (L + M)	Total	141,722	...	73
O (K - N)	Net consumption of Firm Power	2,628,106	660	35,457
<b>CUMULATIVE PRODUCTION TOTALS. January - July</b>				
P	Firm Power 1941	15,974,766	4,704	271,044
Q	1942	19,306,053	5,454	286,322
R	Secondary Power 1941 (1)	2,418,764	...	1,980
S	1942 (1)	2,271,986	...	774
T (P + R)	Total 1941	18,393,530	4,704	273,024
U (Q + S)	1942	21,578,039	5,454	287,096
<b>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS &amp; SECONDARY POWER)</b>				
V (Average of O)	July 1941 (revised)	72,073	19	1,214
W ( " " )	" 1942	84,777	21	1,143

(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	183.6	184.1

## STATION DATA

JULY, 1942

Kilowatt hours)

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	31,506 9,124	1,706,267 420	790,509 ...	100,515 129	34,590 15,696	23,719 9,643	201,986 5,361
	40,630	1,706,687	790,509	100,644	50,286	33,362	207,347
	596	4,845	342,907	...	...	2,564	...
	41,226	1,711,532	1,133,416	100,644	50,286	35,926	207,347
	...	343,503	4,845	...	...	...	2,564
	2,663 ...	55,615 ...	64,938 72,494	74 ...	... ...	... ...	43 ...
	2,663	55,615	137,432	74	...	...	43
	2,663	399,118	142,277	74	...	...	2,607
	38,563	1,312,414	991,139	100,570	50,286	35,926	204,740
	4,505 ...	65,561 ...	31,585 21,532	18,337 ...	... ...	... ...	129 ...
	4,505	65,561	53,117	18,337	...	...	129
	34,058	1,246,853	938,022	82,233	50,286	35,926	204,611
	268,076 280,192	8,549,205 11,246,910	4,442,675 4,780,595	596,935 633,322	335,971 359,792	168,635 220,274	1,337,521 1,493,192
	19,426 22,080	1,079,190 780,378	1,098,829 1,172,951	217,704 293,761	... ...	... ...	1,635 2,042
	287,502 302,272	9,628,395 12,027,288	5,541,504 5,953,546	814,639 927,083	335,971 359,792	168,635 220,274	1,339,156 1,495,234
	1,408 1,099	30,646 40,221	27,165 30,259	2,671 2,653	1,588 1,622	861 1,159	6,501 6,600

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	
	130.8	126.1	136.2	137.4	137.5	138.9	
	145.8						
		<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>					
	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	169.5	174.9	
	188.6						





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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	
September	2,168,435	2,380,652	2,399,678	2,866,647	
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 7 "	14,706,151	15,950,096	17,583,735	18,393,530	21,578,039

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	
September	151,691	159,713	186,983	183,954	
October	165,455	151,794	168,904	196,578	
November	165,299	155,247	185,492	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 7 "	1,033,287	1,117,907	1,202,076	1,377,292	1,448,580

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	
September	1,508,400	1,630,038	1,886,670	2,412,334	
October	1,602,664	1,753,729	2,021,032	2,610,102	
November	1,588,315	1,760,849	2,030,222	2,576,187	
December	1,609,049	1,770,859	2,083,949	2,669,339	
Total 12 months	18,056,235	19,405,182	22,521,509	27,701,116	
First 7 "	10,260,145	10,880,152	12,606,324	15,144,940	18,472,746