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

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MAY, 1942

Central electric stations produced 3,174,764,000 kw. hrs. in May as compared with 2,805,594,000 kw. hrs. in May last year. On a daily basis this was slightly less than was produced in April, but May contained 5 Sundays, 5 Saturdays and a holiday, which would affect the daily average. The index number, however, advanced to a new high at 146.1 as against April's 144.3

Exports to the United States reached a new high at 225,610,000 kw. hrs. made up of 123,918,000 kw. hrs. of firm power and 101,692,000 kw. hrs. of secondary power. The increase over May 1941 exports was practically all in secondary power.

Production of secondary power for use in Canada amounted to 291,739,000 kw. hrs. as against 388,909,000 kw. hrs. in May 1941.

Consumption of firm power in Canada (output less exports and secondary power) amounted to 2,657,415,000 kw. hrs. as compared with 2,205,990,000 kw. hrs. in May last year, an increase of 20 p.c., but the index number dropped from 185.7 for April to 183.6. Again the unequal number of working days may have accounted for this decrease.

## CENTRAL ELECTRIC

Month of

(Thousands of

				Total	Prince Edward Island	Nova Scotia	
A	<u>Production</u> - Hydraulic			3,116,547	21	26,104	
B	Thermal			58,217	673	14,823	
C (A + B)	Total			3,174,764	694	40,927	
D	<u>Receipts from other Provinces</u>			...	...	...	
E (C + D)	<u>Output plus Receipts</u>			...	694	40,927	
F	<u>Deliveries to other Provinces</u>			...			
	<u>Exports to U.S.A.</u>						
G	Firm	Power		123,918	...	...	
H	Secondary	"		101,692	...	...	
I (G + H)	Total			225,610	...	...	
J (F + I)	<u>Total Deliveries</u>			...	...	...	
K (E - J)	<u>Net consumption in Canada</u>			2,949,154	694	40,927	
	<u>Secondary Power</u>						
L	For Boilers			268,435	...	...	
M	For other uses in Canada			23,304	...	254	
N (L + M)	Total			291,739	....	254	
O (K - N)	<u>Net consumption of Firm Power</u>			2,657,415	694	40,673	
<u>CUMULATIVE PRODUCTION TOTALS. January - May</u>							
P	Firm Power	1941		11,335,543	3,516	185,905	
Q		1942		13,853,452	4,106	212,442	
R	Secondary Power	1941 (1)		1,836,782	...	11,336	
S		1942 (1)		1,715,732	...	701	
T (P + R)	Total	1941		13,172,325	3,516	197,241	
U (Q + S)		1942		15,569,184	4,106	213,143	
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS AND SECONDARY POWER)</u>							
V (Average of O)	May	1941		71,160	20	1,291	
W ( " " " )	"	1942		85,723	22	1,312	

(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	137.6	141.7	144.3	146.1	
	<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	

## STATION DATA

MAY, 1942

Kilowatt hours)

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	36,745 7,805	1,793,083 426	868,063 ...	132,637 129	32,759 15,788	17,653 13,387	209,482 5,186
	44,550	1,793,509	868,063	132,766	48,547	31,040	214,668
	590	6,690	351,987	...	...	3,252	...
	45,140	1,800,199	1,220,050	132,766	48,547	34,292	214,668
	...	352,577	6,690	...	...	...	3,252
	2,535 ...	55,304 ...	65,967 101,692	76 ...	... ...	... ...	36 ...
	2,535	55,304	167,659	76	...	...	36
	2,535	407,881	174,349	76	...	...	3,288
	42,605	1,392,318	1,045,701	132,690	48,547	34,292	211,380
	4,068 ...	171,231 ...	52,606 23,050	40,283 ...	... ...	... ...	247 ...
	4,068	171,231	75,656	40,283	...	...	247
	38,537	1,221,087	970,045	92,407	48,547	34,292	211,133
	191,988 203,327	6,033,416 8,012,514	3,185,808 3,452,499	429,088 467,182	239,929 260,459	120,814 154,475	945,079 1,086,448
	1,164 12,346	859,578 558,656	795,009 890,637	168,313 251,763	... ...	... ...	1,382 1,629
	193,152 215,673	6,892,994 8,571,170	3,980,817 4,343,136	597,401 718,945	239,929 260,459	120,814 154,475	946,461 1,088,077
	1,222 1,245	29,486 39,390	27,344 31,292	2,842 2,981	1,585 1,566	845 1,106	6,525 6,811

## INDEX NUMBERS

(Average 1935-39 = 100)

	July	August	September	October	November	December
	TOTAL OUTPUT					
	108.4 128.6 130.8	109.5 119.4 126.1	113.1 114.0 136.2	113.3 108.8 137.4	112.3 109.0 137.5	109.4 111.4 138.9
	OUTPUT LESS EXPORTS AND SECONDARY POWER					
	111.6 132.5 160.3	112.3 132.0 159.6	113.1 130.9 167.4	113.4 130.7 168.8	115.9 133.6 169.5	116.1 136.6 174.9



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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	2,081,335	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	
July	1,987,774	2,205,844	2,615,232	2,661,145	
August	2,075,901	2,293,032	2,500,179	2,640,084	
September	2,163,435	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 5 "	10,745,222	11,498,715	12,389,620	13,172,325	15,569,184

## 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	
July	159,349	162,973	203,058	197,433	
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	185,432	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 5 "	715,625	791,871	808,314	992,815	1,040,741

## 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	
July	1,434,504	1,554,705	1,846,304	2,234,260	
August	1,487,662	1,609,545	1,893,312	2,288,214	
September	1,505,400	1,650,038	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	19,405,172	22,521,509	27,701,116	
First 5 "	7,385,959	7,769,625	8,947,703	10,743,529	13,262,595