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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA
DECEMBER, 1941

Central electric stations established a new monthly record in December by producing 3,220,800,000 kw.h., and the index number rose to a new high to 138.9 or 27.5 points above the December 1940 index. More important was the increase in firm power produced for use in Canada which rose to 2,669,339,000 kw.h. and the index number rose to 174.9 which was 5.4 points above the November index and 38.3 points or 28 p.c. above the December 1940 index.

Exports to the United States increased from 199,856,000 kw.h. in November to 214,261,000 kw.h. and secondary power produced for use in Canada declined from 407,939,000 to 337,200,000 kw.h.

The output for the year amounted to 33,445,360,000 kw.h. as against 30,080,248,000 kw.h. in 1940. This was an increase of 11.2 p.c. and the largest output to date.

Firm power produced for use in Canada increased by 23 p.c. or from 22,521,509,000 in 1940 to 27,701,116,000 kw.h.

Exports to the United States increased from 2,135,557,000 kw.h. in 1940 to 2,359,541,000 kw.h. Over 80 p.c. of this increase was secondary power exported as and when available.

Total production of secondary power during the year dropped from 6,150,625,000 kw.h. in 1940 to 4,300,304,000 kw.h., over 90 p.c. of the decrease being in the Quebec plants.

CENTRAL ELECTRIC

Month of

(Thousands of

				Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic			3,147,922	21	27,503
B	Thermal			72,878	945	16,075
C (A + B) Total				3,220,800	966	43,578
D	<u>Receipts from other Provinces</u>			...	...	...
E (C + D) <u>Output plus Receipts</u>				...	966	43,578
F	<u>Deliveries to other Provinces</u>			...	...	...
<u>Exports to U.S.A.</u>						
G	Firm	Power		124,981	...	...
H	Secondary	"		89,280	...	...
I (G + H) Total				214,261	...	...
J (F + I) <u>Total Deliveries</u>				...	...	...
K (E - J) <u>Net consumption in Canada</u>				3,006,539	966	43,578
<u>Secondary Power</u>						
L	For Boilers			279,204	...	...
M	For other uses in Canada			57,996	...	...
N (L + M) Total				337,200	...	...
O (K - N) Net consumption of Firm Power				2,669,339	966	43,578
<u>CUMULATIVE PRODUCTION TOTALS. January - December</u>						
P	Firm Power	1940		23,929,623	6,835	426,068
Q		1941		29,145,056	8,666	477,285
R	Secondary Power	1940	(1)	6,150,625	...	...
S		1941	(1)	4,300,304	...	2,568
T (P + R) Total 1940				30,080,248	6,835	426,068
U (Q + S) 1941				33,445,380	8,666	479,853
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>						
V (Average of O) December 1940 (revised)				67,224	23	1,262
W (" " ") " 1941				86,107	31	1,406

(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</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

December, 1941

(Kilowatt hours)

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	42,678 10,758	1,735,885 486	910,387 ...	159,090 307	38,672 19,459	11,454 22,512	222,232 2,356
	53,436	1,736,371	910,387	159,397	58,131	33,966	224,568
	599	7,918	351,159	...	...	2,185	...
	54,035	1,744,289	1,261,546	159,397	58,131	36,149	224,568
	...	351,758	7,918	...	...	...	2,185
	3,233 ...	55,125 ...	66,465 89,280	109 ...	... ...	... ...	51 ...
	3,233	55,125	155,743	109	...	...	51
	3,233	406,883	163,661	109	...	...	2,234
	50,802	1,337,406	1,097,885	159,288	58,131	36,149	222,354
	3,874 ...	142,732 30,494	71,503 21,481	60,762 6,021	... ...	... ...	533 ...
	3,874	175,226	92,984	66,783	...	...	535
	46,928	1,164,180	1,004,901	92,505	58,131	36,149	222,001
	452,051 508,138	12,347,004 15,830,130	6,758,347 7,921,819	997,200 1,057,937	555,561 601,502	272,065 316,367	2,114,512 2,428,212
	18,220 31,697	3,641,447 1,947,160	2,118,665 1,858,545	368,932 457,450	... ...	... ...	3,361 2,884
	470,251 534,835	15,988,451 17,777,290	8,877,012 9,780,364	1,366,132 1,515,387	555,561 601,502	272,065 316,367	2,117,873 2,431,096
	1,328 1,514	26,086 37,554	27,007 32,416	2,853 2,984	1,652 1,875	927 1,166	6,086 7,161

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	137.5	158.9	
			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	168.8	169.5	174.9	



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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	3,183,982
December	2,457,996	2,353,196	2,536,242	2,584,341	3,220,800
Total 12 months	27,583,927	26,012,805	28,351,514	30,080,248	33,445,360

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	199,856
December	159,093	161,290	150,138	199,866	214,261
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	2,359,541

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	2,576,187
December	1,593,203	1,609,049	1,770,859	2,083,949	2,669,339
Total 12 months	17,934,107	18,056,235	19,405,172	22,521,509	27,701,116