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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA
DECEMBER, 1942

Central electric stations produced 3,248,672,000 kw. hrs. in December, a new all-time peak, as compared with 3,220,800,000 kw. hrs. in December, 1941.

Exports to the United States amounted to 211,444,000 kw. hrs., a decrease from December 1941 exports of 1.5 p.c., exports of both firm and secondary power being lighter.

Secondary power produced for use in Canada dropped from 331,706,000 kw. hrs. in December 1941 and 147,441,000 kw. hrs. in November 1942 to 107,580,000 kw. hrs.

Firm power consumed in Canada (including line losses) amounted to 2,929,848,000 kw. hrs., which was also a new high record. The daily average was 94,511,000 kw. hrs. as compared with 94,237,000 kw. hrs. in November and 86,187,000 kw. hrs. in December 1941.

The output for the year was 37,109,976,000 kw. hrs. as compared with 33,445,560,000 kw. hrs. in 1941 and 30,080,248,000 kw. hrs. in 1940.

Exports to the United States amounted to 2,453,739,000 kw. hrs., made up of 1,454,951,000 kw. hrs. of firm power and 1,018,788,000 kw. hrs. of secondary power as compared with 1,443,940,000 and 915,601,000 kw. hrs. respectively, in 1941.

Secondary power produced for use in Canada dropped from 3,381,435,000 kw. hrs. in 1941 to 2,239,115,000 kw. hrs., and was less than a third of the 1939 consumption of secondary power.

Firm power consumption, computed by deducting secondary power and exports from total production, amounted to 32,417,124,000 kw. hrs. This was an increase over 1941 consumption of 4,712,740,000 kw. hrs. or 17 p.c., and an increase over 1939 consumption of 13,011,942,000 kw. hrs. or 66 p.c.

CENTRAL ELECTRIC

Month of

(Thousands of

		Total	Prince Edward Island	Nova Scotia	
A	<u>Production - Hydraulic</u>	3,184,735	18	33,231	
B	Thermal	63,937	956	16,228	
C (A + B)	Total	3,248,672	954	49,459	
D	<u>Receipts from other Provinces</u>		...	...
E (C + D)	<u>Output plus Receipts</u>		954	49,459	
F	<u>Deliveries to other Provinces</u>		...	...
	<u>Exports to U.S.A.</u>				
G	Firm Power	122,543	...	...
H	Secondary "	88,901	...	...
I (G + H)	Total	211,444	...	...
J (F + I)	<u>Total Deliveries</u>	211,444	...	...
K (E - J)	<u>Net consumption in Canada</u>	3,037,228	954	49,459	
	<u>Secondary Power</u>				
L	For Boilers	86,011	...	...
M	For other uses in Canada	21,369	...	...
N (L + M)	Total	107,380	...	...
O (K - N)	<u>Net consumption of Firm Power</u>	2,929,848	954	49,459	
<u>CUMULATIVE PRODUCTION TOTALS. January - December</u>					
P	Firm Power	1941	29,148,325	8,666	477,285
Q		1942	34,870,863	9,599	502,230
R	Secondary Power	1941 (1)	4,297,035	...	2,568
S		1942 (1)	2,239,113	...	939
T (P + R)	Total	1941	33,445,360	8,666	479,853
U (Q + S)		1942	37,109,976	9,599	503,169
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS AND SECONDARY POWER)</u>					
V (Average of O)	December	1941 (revised)	86,107	31	1,406
W (" " ")	"	1942	94,511	31	1,595

(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	144.5	146.1	146.6
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)</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	185.6	184.1

STATION DATA

DECEMBER, 1942

Kilowatt hours)

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	20,350 11,115	1,784,572 506	879,250 8	165,876 216	41,361 21,626	54,089 11,024	225,988 2,282
	31,463	1,785,078	879,256	166,092	62,987	45,113	228,270
	331	5,286	349,545	...	...	2,263	...
	31,794	1,790,364	1,228,801	166,092	62,987	47,376	228,270
	41	349,876	5,245	...	...	...	2,263
	2,525 ...	55,878 ...	64,003 88,901	103 ...	... ...	... ...	34 ...
	2,525	55,878	152,904	103	...	...	34
	2,566	405,754	158,149	103	...	...	2,297
	29,228	1,384,610	1,070,652	165,989	62,987	47,376	225,973
	... ...	13,755 ...	11,457 21,369	60,799...	......	......	......
	...	13,755	52,826	60,799	...	...	...
	29,228	1,370,855	1,057,826	105,190	62,987	47,376	225,973
	505,138 480,754	15,830,130 19,788,577	7,919,594 9,316,132	1,063,431 1,119,979	601,502 650,716	316,367 415,830	2,428,212 2,607,066
	31,697 24,462	1,947,160 875,554	1,860,770 825,983	451,956 509,581	... ...	... ...	2,884 2,594
	534,835 485,196	17,777,290 20,664,131	9,780,364 10,142,115	1,515,387 1,629,560	601,502 650,716	316,367 415,830	2,431,096 2,609,660
	1,514 943	37,557 44,221	32,413 33,478	3,161 3,393	1,875 2,032	1,166 1,528	7,161 7,269

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	138.9	
	145.8	142.8	140.0	138.5	137.3	140.1	
			OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)				
	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	
	188.6	187.8	185.0	182.9	186.0	192.0	



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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	2,864,436
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	2,965,671
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	x 3,166,176
November	2,375,661	2,601,536	2,524,860	3,183,982	x 3,180,757
December	2,353,196	2,536,242	2,584,341	3,220,800	3,248,672
Total 12 months	26,012,805	28,351,514	30,080,248	33,445,360	37,109,976

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	176,156
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	197,453	195,827
August	149,493	177,824	192,236	187,600	195,145
September	151,691	159,713	186,963	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	211,444
Total 12 months	1,826,515	1,912,623	2,135,557	2,359,541	2,455,739

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	2,740,850
April	1,447,356	1,528,777	1,784,640	2,146,361	2,627,715
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	2,628,122
August	1,487,662	1,609,555	1,893,312	2,288,214	2,692,321
September	1,508,400	1,630,038	1,886,670	2,412,334	2,666,748
October	1,602,664	1,753,729	2,021,032	2,607,876	x 2,828,320
November	1,588,315	1,760,849	2,030,222	2,576,167	x 2,827,126
December	1,609,049	1,770,859	2,083,949	2,674,833	2,929,846
Total 12 months	18,056,235	19,405,182	22,521,509	27,704,384	32,417,124

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