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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JANUARY, 1940

The output of central electric stations for January amounted to 2,526,143,000 kilowatt hours compared with 2,386,979,000 kilowatt hours in January 1939. The fifth Sunday last year undoubtedly was a factor in this comparison. The index number adjusted for seasonal variations rose from 239.21 for December to 243.42 but was below the September, October and November index numbers.

Exports to the United States dropped from 150,138,000 kilowatt hours in December and 166,915,000 kilowatt hours for January a year ago to 149,050,000 kilowatt hours.

Deliveries of secondary power to electric boilers declined to 523,936,000 kilowatt hours from 565,918,000 kilowatt hours for December and 575,082,000 kilowatt hours for January 1939.

Consumption of firm power reached a new high point at 1,853,157,000 kilowatt hours and the adjusted index number also rose to a new high at 226.46 compared with the previous high of 217.70 made in November 1939. Firm power consumption for December was 1,809,175,000 kilowatt hours and in January 1939 was 1,644,983,000 kilowatt hours.

22/2/40

Price per year 50 cents.

OUTPUT OF CENTRAL ELECTRIC STATIONS
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	
<u>MONTHLY OUTPUTS</u>							
<u>Generated by Water Power</u>							
January, 1940	2,476,295	50,991	1,319,028	748,358	186,783	171,135	
December, 1939	x2,486,434	57,973	1,334,773	x739,477	176,496	177,715	
January, 1939	2,346,316	58,632	1,272,215	659,063	186,220	169,186	
<u>Generated by Fuel</u>							
January, 1940	49,848	22,105	415	...	26,341	987	
December, 1939	49,808	21,792	483	...	26,862	671	
January, 1939	40,663	15,811	371	...	24,048	433	
<u>Total Output</u>							
January, 1940	2,526,143	73,096	1,319,443	748,358	213,124	172,122	
December, 1939	x2,536,242	79,765	1,335,256	x739,477	203,358	178,386	
January, 1939	2,386,979	74,443	1,273,586	659,063	210,268	169,619	
<u>PROVINCIAL CONSUMPTIONS 1/</u>							
January, 1940	2,377,093	71,272	999,940	920,777	214,974	170,130	
December, 1939	x2,386,112	77,785	1,015,906	x910,781	205,118	176,522	
January, 1939	2,220,065	72,914	979,948	787,449	211,822	167,932	
<u>INDEX NUMBERS</u>							
	January	February	March	April	May	June	
						<u>TOTAL</u>	
1938	220.06	215.88	222.48	212.63	210.15	209.82	
1939	230.01	232.31	233.17	226.39	235.54	238.79	
1940	243.42						
<u>OUTPUT LESS EXPORTS AND</u>							
1938	190.46	192.28	196.71	194.12	193.33	197.01	
1939	201.02	199.31	201.83	204.59	208.47	212.63	
1940	226.46						

1/ Production plus provincial imports less provincial exports

3/ New Brunswick only.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
	<u>DAILY AVERAGE OUTPUTS 2/</u>					
	79,880	1,645	42,549	24,141	6,025	5,520
	x80,207	1,870	43,057	x23,854	5,693	5,733
	75,687	1,891	41,071	21,260	6,007	5,458
	1,608	713	13	...	850	32
	1,607	703	16	...	867	21
	1,312	510	12	...	776	14
	81,488	2,358	42,562	24,141	6,875	5,552
	x81,814	2,573	43,073	x23,854	6,560	5,754
	76,999	2,401	41,083	21,260	6,783	5,472
	<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	523,936	<u>3/</u> 375	359,063	111,478	<u>4/</u> 52,784	236
	x565,918	3,673	410,190	x106,431	45,398	226
	575,082	6,785	404,302	102,155	61,556	284

(AVERAGE, 1926 - 100)

	July	August	September	October	November	December
	<u>OUTPUT</u>					
	212.28	218.31	224.10	221.27	<u>226.49</u>	221.95
	235.56	241.14	246.03	245.59	<u>248.11</u>	x239.21
	<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	196.70	<u>200.06</u>	199.84	194.89	194.51	193.98
	212.90	216.25	216.84	215.50	<u>217.70</u>	x215.29

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc
4/ Manitoba only.



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OUTPUT OF CENTRAL ELECTRIC STATIONS
(Thousands of Kilowatt Hours)

Month	1936	1937	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	
March	2,135,640	2,412,259	2,258,197	2,366,740	
April	2,164,628	2,322,884	2,063,801	2,197,379	
May	2,083,363	2,301,167	2,081,935	2,333,443	
June	2,028,980	2,255,338	1,973,155	2,245,537	
July	2,021,147	2,188,055	1,987,774	2,205,844	
August	2,020,416	2,197,725	2,075,901	2,293,032	
September	2,041,423	2,204,291	2,168,435	x2,380,652	
October	2,280,508	2,365,052	2,333,461	2,589,956	
November	2,261,979	2,414,676	2,375,661	x2,601,535	
December	2,325,733	2,457,996	2,353,196	x2,536,242	
TOTAL	25,394,292	27,583,927	26,012,805	x28,351,514	
EXPORTS TO THE UNITED STATES					
January	118,050	134,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	
March	125,921	172,695	144,091	165,422	
April	125,496	164,250	135,616	141,523	
May	130,530	161,033	155,292	164,520	
June	157,871	158,657	158,313	163,063	
July	157,543	164,057	159,349	162,973	
August	143,342	162,617	149,493	177,834	
September	125,127	143,441	151,691	159,713	
October	129,323	142,736	165,455	151,794	
November	126,152	145,549	165,299	x155,247	
December	128,070	159,093	161,290	x150,138	
TOTAL	1,578,109	1,847,100	1,826,515	x1,912,633	
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	1,344,387	1,435,998	1,488,480	
March	1,387,512	1,532,912	1,573,090	1,613,989	
April	1,353,605	1,510,508	1,480,284	1,560,142	
May	1,371,404	1,519,545	1,505,826	1,623,856	
June	1,353,080	1,496,283	1,470,027	1,586,964	
July	1,359,445	1,510,365	1,466,399	1,537,154	
August	1,386,797	1,543,699	1,518,479	1,641,340	
September	1,417,821	1,573,502	1,537,426	1,668,186	
October	1,533,075	1,655,879	1,631,513	1,804,048	
November	1,481,813	1,632,494	1,617,311	x1,809,175	
December	1,516,702	1,629,452	1,640,012	x1,820,186	
TOTAL	16,873,342	18,423,813	18,434,940	x19,848,503	

x - Revised.