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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.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

OCTOBER, 1939

Central electric stations during October produced 2,589,956,000 kilowatt hours which was a new high record for monthly output. When adjusted for the uneven number of days in the months and other seasonal factors the index number was only slightly below the record made last September, dropping from 246.03 to 245.59. Compared with the October 1938 output of 2,333,461,000 kilowatt hours, the increase was 11 per cent.

Exports to the United States declined 8.3 per cent or from 165,455,000 kilowatt hours in 1938 to 151,794,000 kilowatt hours and deliveries of secondary power to electric boilers increased from 536,493,000 kilowatt hours in 1938 to 634,114,000 kilowatt hours or by 18.2 per cent.

Consumption of firm power, including line losses, increased to a new high at 1,804,048,000 kilowatt hours, exceeding the previous record made in September by 8 per cent and adjusted for the extra day (a Sunday) the increase was 5.4 per cent. The usual seasonal increase was slightly more than this and consequently the index number declined from 216.84 for September to 215.50 but was 20.61 points above the index number for October last year.

21/11/39.

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>							
October, 1939	2,542,399	58,853	1,393,914	748,704	167,560	173,368	
September, 1939	2,336,675	57,842	1,264,515	696,931	146,953	170,434	
October, 1938	2,291,519	61,233	1,232,782	665,449	162,996	169,059	
<u>Generated by Fuel</u>							
October, 1939	47,557	20,024	409	...	25,540	1,584	
September, 1939	x 43,976	19,122	388	...	23,428	x 1,038	
October, 1938	41,942	16,687	370	...	23,700	1,185	
<u>Total Output</u>							
October, 1939	2,589,956	78,877	1,394,323	748,704	193,100	174,952	
September, 1939	x 2,380,651	76,964	1,264,903	696,931	170,381	x 171,472	
October, 1938	2,333,461	77,920	1,233,152	665,449	186,696	170,244	
<u>Total to Date</u>							
1939	23,213,735	729,809	12,476,151	6,587,419	1,787,539	1,632,817	
1938	21,283,948	718,447	11,169,849	6,124,322	1,655,928	1,615,402	
<u>PROVINCIAL CONSUMPTIONS 1/</u>							
October, 1939	2,438,162	77,412	1,090,379	902,443	194,791	173,137	
September, 1939	x 2,220,938	75,600	981,045	822,560	171,868	x 169,865	
October, 1938	2,168,006	76,490	979,089	755,609	188,125	168,692	
<u>Total to Date</u>							
1939	21,606,488	715,011	9,570,015	7,902,291	1,802,856	1,616,315	
1938	19,784,022	704,911	8,753,153	7,055,711	1,670,458	1,599,789	
<u>INDEX NUMBERS</u>							
	January	February	March	April	May	June	
						<u>TOTAL</u>	
1937	223.35	225.22	237.66	239.32	232.28	239.83	
1938	220.06	215.88	222.48	212.63	210.15	209.82	
1939 x	230.01	232.31	233.17	226.39	235.54	238.79	
				<u>OUTPUT LESS EXPORTS AND</u>			
1937	180.22	180.02	191.69	198.08	195.08	200.48	
1938	190.46	192.28	196.71	194.12	193.33	197.01	
1939 x	201.02	199.31	201.83	204.59	208.47	212.63	

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>					
82,013	1,898	44,965	24,152	5,405	5,593
77,889	1,928	42,151	23,231	4,898	5,681
73,920	1,975	39,767	21,466	5,258	5,454
1,534	646	13	...	824	51
x 1,466	637	13	...	781	x 35
1,353	538	12	...	765	38
83,547	2,544	44,978	24,152	6,229	5,644
x 79,355	2,565	42,164	23,231	5,679	x 5,716
75,273	2,513	39,779	21,466	6,023	5,492
76,361	2,401	41,040	21,669	5,880	5,371
70,013	2,363	36,743	20,146	5,447	5,314
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
634,114	<u>3/</u> 5,953	476,214	117,394	<u>4/</u> 34,324	229
552,752	7,993	411,501	109,817	23,098	343
536,493	4,156	404,279	87,965	39,769	324
5,387,345	41,244	3,886,756	1,074,882	381,848	2,615
4,606,406	66,835	3,434,752	772,868	328,807	3,144

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
233.67	231.12	227.81	224.27	230.21	231.83
212.28	218.31	224.10	221.27	<u>226.49</u>	221.95
235.56	241.14	<u>246.03</u>	245.59		
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
202.60	203.38	<u>204.53</u>	197.80	196.34	192.73
196.70	<u>200.06</u>	199.84	194.89	194.51	193.98
212.90	216.25	<u>216.84</u>	215.50		

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	1935	1936	1937	1938	1939
January	2,012,742	2,091,497	2,317,906	2,283,691	x 2,386,979
February	1,803,337	1,938,978	2,146,578	2,057,598	x 2,214,174
March	1,943,555	2,135,640	2,412,259	2,258,197	x 2,366,740
April	1,881,029	2,164,628	2,322,884	2,063,801	x 2,197,379
May	1,923,071	2,083,363	2,301,167	2,081,935	x 2,333,443
June	1,816,250	2,028,980	2,255,338	1,973,155	x 2,245,537
July	1,791,544	2,021,147	2,188,055	1,987,774	x 2,205,844
August	1,851,153	2,020,416	2,197,725	2,075,901	x 2,293,032
September	1,919,213	2,041,423	2,204,291	2,168,435	x 2,380,651
October	2,162,569	2,280,508	2,365,052	2,333,461	2,589,956
Sub Total	19,104,573	20,806,580	22,711,255	21,283,948	23,213,735
November	2,143,314	2,261,979	2,414,676	2,375,661	
December	2,156,525	2,325,733	2,457,996	2,353,196	
TOTAL	23,404,412	25,394,292	27,583,927	26,012,805	

EXPORTS TO THE UNITED STATES

January	113,878	118,050	134,931	157,532	166,915
February	109,524	110,684	138,041	123,094	153,491
March	103,957	125,921	172,695	144,091	165,422
April	97,475	125,496	164,250	135,616	141,523
May	94,256	130,530	161,033	155,292	164,520
June	107,994	157,871	158,657	158,313	163,063
July	93,348	157,543	164,057	159,349	162,973
August	130,305	143,342	162,617	149,493	177,834
September	142,177	125,127	143,441	151,691	159,713
October	146,530	129,323	142,736	165,455	151,794
Sub Total	1,139,444	1,323,885	1,542,458	1,499,926	1,607,248
November	112,305	126,152	145,549	165,299	
December	112,838	128,070	159,093	161,290	
TOTAL	1,364,587	1,578,109	1,847,100	1,826,515	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,344,646	1,413,216	1,474,787	1,558,575	x 1,644,983
February	1,193,820	1,298,872	1,344,387	1,435,998	x 1,488,480
March	1,321,545	1,387,512	1,532,912	1,573,090	x 1,613,989
April	1,267,776	1,353,605	1,510,508	1,480,284	x 1,560,142
May	1,304,893	1,371,404	1,519,545	1,505,826	x 1,623,856
June	1,245,659	1,353,080	1,496,283	1,470,027	x 1,586,964
July	1,270,867	1,359,445	1,510,365	1,466,399	x 1,587,154
August	1,306,710	1,386,797	1,543,699	1,518,479	x 1,641,340
September	1,317,312	1,417,821	1,573,502	1,537,426	x 1,668,186
October	1,415,896	1,533,075	1,655,879	1,631,513	1,804,048
Sub Total	12,989,124	13,874,829	15,161,867	15,177,617	16,219,142
November	1,394,955	1,481,813	1,632,494	1,617,311	
December	1,411,097	1,516,702	1,629,452	1,640,012	
TOTAL	15,795,176	16,873,342	18,423,813	18,434,940	

x Revised.