

57-001

The Norton



C-2

Published by Authority of HON. W.D. EULER, M.P.,  
Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 4

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

APRIL, 1937

The index number for the monthly output of central electric stations continued to rise and for April reached a new high at 239.32. The output for the month was 2,322,884,000 kilowatt hours, or almost double the April, 1933, output and 7.3 per cent above that of April, 1936.

The index number for the consumption of firm power in Canada has been advancing during the last six months at approximately the same rate as the total output and also reached a new high in April at 198.08. The exports to the United States amounted to 164,247,000 kilowatt hours, as against 125,496,000 kilowatt hours last year and the deliveries of secondary power to electric boilers amounted to 648,127,000 kilowatt hours. This latter was a decrease of 8.3 per cent from the March deliveries and 5.5 per cent from the April, 1936, deliveries.

25/5/37

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>							
April, 1937	2,285,834	58,157	1,180,615	748,169	149,987	148,906	
March, 1937	2,372,071	59,967	1,249,212	773,731	156,865	132,296	
April, 1936	2,131,881	59,288	1,139,601	664,595	136,632	131,765	
<u>Generated by Fuel</u>							
April, 1937	37,050	18,411	294	15	18,128	202	
March, 1937	40,188	18,693	304	16	19,601	1,574	
April, 1936	32,747	14,887	262	14	17,393	191	
<u>Total Output</u>							
April, 1937	2,322,884	76,568	1,180,909	748,184	168,115	149,108	
March, 1937	2,412,259	78,660	1,249,516	773,747	176,466	133,870	
April, 1936	2,164,628	74,175	1,139,863	664,609	154,025	131,956	
<u>Total to Date</u>							
1937	9,199,627	311,261	4,768,551	2,916,069	706,928	496,818	
1936	8,329,743	243,459	4,272,752	2,622,106	674,162	517,264	
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>							
April, 1937	2,158,637	75,211	1,000,969	765,318	169,466	147,673	
March, 1937	x 2,239,564	77,175	x1,058,899	793,243	178,077	132,170	
April, 1936	2,039,132	73,064	958,895	721,225	155,381	130,567	
<u>Total to Date</u>							
1937	8,589,713	304,998	4,055,269	3,026,035	713,080	490,331	
1936	7,850,592	238,874	3,527,921	2,892,547	680,234	511,016	
<u>INDEX NUMBERS</u>							
	January	February	March	April	May	June	
						TOTAL	
1935	193.95	189.22	191.48	193.80	194.12	193.14	
1936	201.54	203.44	210.40	223.02	210.30	215.76	
1937	223.35	225.22	237.66	239.32			
<u>OUTPUT LESS EXPORTS AND</u>							
1935	164.31	159.85	165.26	166.25	167.53	166.90	
1936	172.69	173.92	173.51	177.51	176.07	181.29	
1937	180.22	180.02	191.69	198.08			

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
-					
76,194	1,939	39,353	24,939	5,000	4,963
76,518	1,934	40,297	24,959	5,060	4,268
71,063	1,976	37,987	22,154	4,554	4,392
1,235	614	10	1	604	6
1,296	603	10	1	632	50
1,091	496	9	..	580	6
77,429	2,553	39,363	24,940	5,604	4,969
77,814	2,537	40,307	24,960	5,692	4,318
72,154	2,472	37,996	22,154	5,134	4,398
76,663	2,594	39,738	24,300	5,891	4,140
68,841	2,012	35,312	21,670	5,572	4,275
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
648,127	3,462	510,741	90,893	42,475	556
706,651	4,492	554,903	100,972	45,737	547
685,527	7,538	508,424	128,984	40,223	358
2,727,116	17,766	2,152,683	363,040	191,537	2,090
2,397,388	11,630	1,684,525	511,627	187,945	1,661
(AVERAGE, 1926 = 100)					
July	August	September	October	November	December
<u>OUTPUT</u>					
191.32	194.67	198.34	205.07	204.34	203.40
215.84	212.47	210.97	216.25	215.65	219.36
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
170.48	172.16	171.35	169.14	167.77	166.90
182.36	182.71	184.29	183.13	178.22	179.39

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

3/ New Brunswick only.

4/ Manitoba only.



1010683813

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1933	1934	1935	1936	1937
January	1,396,661	1,725,264	2,012,742	2,091,497	2,317,906
February	1,299,580	1,614,425	1,803,447	1,938,978	2,146,578
March	1,371,060	1,797,334	1,943,555	2,135,640	2,412,259
April	1,296,805	1,697,909	1,881,029	2,164,628	2,322,884
Sub Total	5,363,106	6,834,932	7,640,773	8,330,743	9,199,627
May	1,349,942	1,830,820	1,923,071	2,083,363	
June	1,370,901	1,708,632	1,816,250	2,028,980	
July	1,442,657	1,621,314	1,791,544	2,021,147	
August	1,508,216	1,676,865	1,851,153	2,020,416	
September	1,489,322	1,627,289	1,919,213	2,041,423	
October	1,617,608	1,853,226	2,162,569	2,280,508	
November	1,702,363	1,953,512	2,143,314	2,261,979	
December	1,707,886	2,052,940	2,156,525	2,325,733	
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	

EXPORTS TO THE UNITED STATES

January	48,018	100,485	113,878	118,050	134,931
February	46,440	102,151	109,524	110,684	138,041
March	45,343	112,115	103,957	125,921	x 172,695
April	35,272	63,105	97,475	125,496	164,247
Sub Total	175,073	377,856	424,834	480,151	609,914
May	42,874	111,000	94,256	130,530	
June	86,673	113,640	107,994	157,870	
July	119,192	105,856	93,348	157,543	
August	109,592	115,988	130,305	143,342	
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989,364	1,248,798	1,364,587	1,578,107	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,052,123	1,216,922	1,344,646	1,413,216	1,474,787
February	949,956	1,117,047	1,193,820	1,298,872	1,344,387
March	1,012,774	1,239,377	1,321,545	1,387,512	x 1,532,912
April	959,513	1,141,203	1,267,776	1,353,606	1,510,510
Sub Total	3,974,366	4,714,549	5,127,787	5,453,206	5,861,596
May	1,014,092	1,244,982	1,304,893	1,371,404	
June	1,006,602	1,158,889	1,245,659	1,353,081	
July	1,045,695	1,159,301	1,270,867	1,359,445	
August	1,099,524	1,191,218	1,306,710	1,386,797	
September	1,106,841	1,173,190	1,317,312	1,417,821	
October	1,189,454	1,290,580	1,415,896	1,533,075	
November	1,192,494	1,292,686	1,394,955	1,481,813	
December	1,193,359	1,348,205	1,411,097	1,516,702	
TOTAL	12,822,427	14,573,600	15,795,176	16,873,344	