



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. 8

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.S. c.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

AUGUST, 1937

The output of central electric stations in Canada during August increased from 2,188,055,000 kilowatt hours in July and from 2,020,416,000 kilowatt hours in August last year to 2,197,725,000 kilowatt hours. This was less than the usual seasonal rise and the index number dropped from 233.67 for July to 231.12. The drop, however, was in secondary power, deliveries to boilers decreasing from 513,634,000 kilowatt hours in July to 491,409,000 kilowatt hours, and exports to the United States also fell off from 164,057,000 kilowatt hours in July to 162,612,000 kilowatt hours.

The consumption of firm power, including line losses, increased from 1,510,365,000 kilowatt hours in July to 1,543,704,000 kilowatt hours. This was the largest monthly consumption on record and the index number, adjusted for seasonal variations, also rose to a new high at 203.38. The consumption of firm power in Ontario increased from 569,256,000 kilowatt hours in August last year to 671,170,000 kilowatt hours, or by 17.9 per cent, and in Quebec from 478,720,000 kilowatt hours to 509,977,000 kilowatt hours, or by 6.5 per cent. In the Maritime Provinces the increase was 14,441,000 kilowatt hours, or 22.3 per cent, in the Prairie Provinces it was 5,699,000 kilowatt hours, or 4.7 per cent, and in British Columbia, 3,595,000 kilowatt hours, or 2.4 per cent.

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>						
August, 1937	2,155,364	59,910	1,073,769	737,318	126,838	157,529
July, 1937	2,147,462	55,471	1,089,338	725,263	126,101	151,289
August, 1936	1,984,413	49,693	1,027,088	635,962	117,946	153,724
<u>Generated by Fuel</u>						
August, 1937	42,361	23,269	327	30	18,627	108
July, 1937	40,593	21,421	315	25	18,733	99
August, 1936	36,003	16,992	318	41	18,540	112
<u>Total Output</u>						
August, 1937	2,197,725	83,179	1,074,096	737,348	145,465	157,637
July, 1937	2,188,055	76,892	1,089,653	725,288	144,834	151,388
August, 1936	2,020,416	66,685	1,027,406	636,003	136,486	153,836
<u>Total to Date</u>						
1937	18,141,912	626,723	9,243,012	5,853,619	1,307,613	1,110,945
1936	16,483,649	531,088	8,402,149	5,228,517	1,219,868	1,102,037
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
August, 1937	2,035,113	82,228	900,033	749,860	146,882	156,110
July, 1937	x 2,023,999	75,900	x 919,838	732,140	146,322	149,799
August, 1936	1,877,075	65,774	884,727	636,300	137,842	152,432
<u>Total to Date</u>						
1937	16,885,638	616,716	7,845,859	6,005,213	1,319,531	1,098,319
1936	15,415,215	522,181	7,088,245	5,483,220	1,231,335	1,090,234

INDEX NUMBERS

	January	February	March	April	May	June	
						<u>TOTAL</u>	
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	232.28	239.83	
<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	195.08	200.48	

1/ 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^{2/}</u>					
69,528	1,932	34,638	23,784	4,092	5,082
69,273	1,789	35,140	23,396	4,068	4,880
64,003	1,603	33,132	20,505	3,804	4,959
1,366	751	10	1	601	3
1,309	691	10	1	604	3
1,161	548	10	1	598	4
70,894	2,683	34,648	23,785	4,693	5,085
70,582	2,480	35,150	23,397	4,672	4,883
65,164	2,151	33,142	20,506	4,402	4,963
74,658	2,579	38,037	24,089	5,381	4,572
67,556	2,177	34,435	21,428	5,000	4,516
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
491,409	3,170	390,056	78,690	18,986	507
x513,634	2,195	x411,041	79,413	20,513	472
490,277	1,157	406,007	67,044	15,645	424
4,953,146	28,198	3,939,110	693,298	288,491	4,049
4,491,283	29,765	3,366,636	833,091	258,573	3,218

(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
233.67	231.12				
<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
x202.60	203.38				

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

3/ New Brunswick only.

4/ Manitoba only.



1010683821

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
May	1,349,942	1,830,820	1,923,071	2,083,363	2,301,167
June	1,370,901	1,708,632	1,816,250	2,028,980	2,255,338
July	1,442,657	1,621,314	1,791,544	2,021,147	2,188,055
August	1,508,216	1,676,865	1,851,153	2,020,416	2,197,725
Sub Total	11,035,822	13,672,563	15,022,791	16,484,649	18,141,912
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	172,695
April	35,272	63,105	97,475	x 125,495	164,250
May	42,874	111,000	94,256	130,530	161,033
June	86,673	113,640	107,994	157,870	158,657
July	119,192	105,856	93,348	157,543	x 164,057
August	109,592	115,988	130,305	143,542	162,612
Sub Total	533,404	824,340	850,737	1,069,435	1,256,276
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	1,532,912
April	959,513	1,141,203	1,267,776	1,353,606	1,510,508
May	1,014,092	1,244,982	1,304,893	1,371,404	1,519,545
June	1,006,602	1,158,889	1,245,659	1,353,081	1,496,283
July	1,045,695	1,159,301	1,270,867	1,359,445	x 1,510,365
August	1,099,524	1,191,218	1,306,710	1,386,797	1,543,704
Sub Total	8,140,279	9,468,939	10,255,916	10,923,933	11,932,491
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	

x - Revised.