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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

SEPTEMBER, 1937

Central electric stations produced 2,195,291,000 kilowatt hours during September as compared with 2,197,725,000 kilowatt hours in August. On a daily basis this was an increase of 3.2 per cent, but the index, adjusted for seasonal variations, dropped from 231.12 to 226.88. The increase over the output in September last year was 7.5 per cent.

Exports to the United States dropped from 162,617,000 kilowatt hours in August to 143,441,000 kilowatt hours and deliveries of secondary power to electric boilers decreased from 491,409,000 to 487,348,000 kilowatt hours; the extra day in August would more than account for this latter decrease.

In past years the September consumption of firm power has been about 1.4 per cent above the August consumption. This rate of increase was almost made this year, the consumption being 1,564,502,000 kilowatt hours as against 1,543,699,000 kilowatt hours in August. The index number dropped only a fraction of a point from the peak recorded for August, declining from 203.38 to 203.36. Compared with the firm power consumption in September last year the gain was 146,681,000 kilowatt hours, or 10.3 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>						
Sept., 1937	2,152,179	52,759	1,098,376	690,517	145,494	165,033
August, 1937	2,155,364	59,910	x1,103,245	x707,842	126,838	157,529
Sept., 1936	2,004,433	52,254	1,031,592	634,168	135,045	151,374
<u>Generated by Fuel</u>						
Sept., 1937	43,112	22,796	320	31	19,806	159
August, 1937	42,361	23,269	327	30	18,627	108
Sept., 1936	37,990	17,705	316	43	19,784	142
<u>Total Output</u>						
Sept., 1937	2,195,291	75,554	1,098,696	690,548	165,300	165,192
August, 1937	2,197,725	83,179	x1,103,565	x707,873	145,465	157,637
Sept., 1936	2,042,423	69,959	1,031,908	634,211	154,829	151,516
<u>Total to Date</u>						
1937	20,337,203	702,277	10,567,626	6,318,299	1,472,913	1,276,137
1936	18,526,072	601,047	9,434,047	5,862,728	1,374,697	1,253,553
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Sept., 1937	2,051,849	74,374	900,297	746,791	166,686	163,701
August, 1937	x2,035,108	82,228	x900,028	749,860	146,882	156,110
Sept., 1936	1,916,296	68,936	886,462	654,597	156,327	149,974
<u>Total to Date</u>						
1937	18,937,482	691,090	8,746,151	6,752,004	1,486,217	1,262,020
1936	17,331,511	591,117	7,974,707	6,136,817	1,387,662	1,240,208

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>					
71,739	1,759	36,612	23,017	4,850	5,501
69,528	1,932	x 35,588	x 22,834	4,092	5,082
66,814	1,742	34,386	21,140	4,501	5,045
1,437	760	11	1	660	5
1,386	751	10	1	601	3
1,266	590	11	1	659	5
73,176	2,519	36,623	23,018	5,510	5,506
70,894	2,683	x 35,598	x 22,835	4,693	5,085
68,080	2,332	34,397	21,141	5,160	5,050
74,495	2,572	38,709	23,144	5,395	4,675
67,613	2,193	34,431	21,397	5,017	4,575
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
487,348	1,877	386,201	67,594	31,181	495
491,409	3,170	390,056	78,690	18,986	507
498,474	3,543	406,359	60,979	27,144	449
5,440,493	30,075	4,325,311	760,892	319,671	4,544
4,989,757	33,308	3,772,995	894,070	285,717	3,667
(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	226.88			
<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
202.60	203.38	203.36			

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

3/ New Brunswick only.

4/ Manitoba only.



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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
September	1,489,322	1,627,289	1,919,213	2,041,423	2,195,291
Sub Total	12,525,144	15,299,852	16,942,004	18,526,072	20,337,203
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	2,325,732	
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	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	108,856	93,848	157,543	164,057
August	109,592	115,988	130,305	143,342	x 162,617
September	122,907	107,114	142,177	125,127	143,441
Sub Total	656,311	931,454	992,914	1,194,562	1,399,722
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	1,510,365
August	1,099,524	1,191,218	1,306,710	1,386,797	x1,543,699
September	1,106,841	1,173,190	1,317,312	1,417,821	1,564,502
Sub Total	9,247,120	10,642,129	11,573,228	12,341,754	13,496,988
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.