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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

APRIL, 1939

The output of central electric stations for April amounted to 2,197,171,000 kilowatt hours compared with 2,063,801,000 kilowatt hours in April last year and 2,366,532,000 kilowatt hours for March and the index number dropped from 233.15 for March to 226.48.

Consumption of firm power decreased from 1,613,781,000 kilowatt hours in March to 1,559,933,000 kilowatt hours but the index number adjusted for seasonal variations due to the unequal length of the months and other factors, rose from 201.80 to a new high at 204.57. The previous high record was 204.53 made in September 1937. The adjustment in the index numbers does not take care of five Sundays and five Saturdays in April this year. These are days on which the consumption of firm power is lighter than on other days.

Deliveries of secondary power dropped from 587,329,000 kilowatt hours in March to 495,714,000 kilowatt hours, and exports to the United States declined from 165,422,000 kilowatt hours in March to 141,523,000 kilowatt hours.

The returns for 1938 have been checked and approved or revised by each reporting station and this issue contains the corrections for the entire year. The largest corrections were in secondary power for electric boilers which in a few cases had been overstated.

23/5/39

OUTPUT OF CENTRAL ELECTRIC STATIONS

Thousand of Kilowatt Hours

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
April, 1939	2,163,890	51,310	1,169,572	621,854	161,439	159,715
March, 1939	2,329,542	50,735	1,282,071	667,495	179,997	149,244
April, 1938	2,030,477	52,908	1,077,792	593,366	149,548	156,863
<u>Generated by Fuel</u>						
April, 1939	33,281	13,365	338	...	19,442	136
March, 1939	36,990	14,341	377	...	21,805	467
April, 1938	33,324	14,599	315	34	18,259	117
<u>Total Output</u>						
April, 1939	2,197,171	64,675	1,169,910	621,854	180,881	159,851
March, 1939	2,366,532	65,076	1,282,448	667,495	201,802	149,711
April, 1938	2,063,801	67,507	1,078,107	593,400	167,807	156,980
<u>Total to Date</u>						
1939	9,164,439	264,530	4,920,660	2,568,987	785,360	624,902
1938	8,663,287	278,645	4,593,865	2,454,648	698,957	637,172
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
April, 1939	2,055,648	63,360	887,709	763,950	182,249	158,380
March, 1939	2,201,110	63,160	977,597	808,957	203,305	148,091
April, 1938	1,928,184	66,087	847,581	689,822	169,193	155,501
<u>Total to Date</u>						
1939	8,537,089	258,430	3,755,911	3,112,957	791,175	618,616
1938	8,102,953	272,916	3,604,481	2,889,834	704,608	631,114

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1937	223.35	225.22	237.66	239.32	232.28	<u>239.83</u>
1938	X 220.06	215.88	222.48	212.63	210.15	<u>209.82</u>
1939	229.99	232.29	<u>233.15</u>	226.48		
					<u>OUTPUT LESS</u>	<u>EXPORTS AND</u>
1937	130.22	180.02	191.69	198.08	195.08	200.48
1938	X 190.46	X 192.28	X 196.71	X 194.12	X 193.33	X 197.01
1939	200.99	199.28	<u>201.30</u>	<u>204.57</u>		

1/ Production plus provincial imports less provincial exports.

X Revised

OUTPUT OF CENTRAL ELECTRIC STATIONS

Thousand of Kilowatt Hours

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
72,130	1,710	38,986	20,728	5,382	5,324
75,146	1,637	41,357	21,532	5,806	4,814
67,683	1,764	35,926	19,779	4,985	5,229
1,109	446	11	...	648	4
1,193	463	12	...	703	15
1,111	487	10	1	609	4
73,239	2,156	38,997	20,728	6,030	5,328
76,339	2,100	41,369	21,532	6,509	4,829
68,794	2,251	35,936	19,780	5,594	5,233
76,370	2,204	41,005	21,408	6,545	5,208
72,194	2,322	38,282	20,455	5,825	5,310
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
(3)	(3)			(4)	
495,714	1,100	336,747	111,307	46,329	232
587,329	...	401,031	128,722	57,315	261
447,901	5,066	324,831	77,372	40,336	296
2,230,328	7,885	1,538,023	461,308	222,109	1,004
2,055,007	15,228	1,536,263	322,733	179,337	1,446

(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	X 224.10	X 221.27	<u>226.49</u>	X 221.95
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
202.60	203.38	<u>204.53</u>	197.80	196.34	192.73
X 196.70	X <u>200.06</u>	X 199.84	X 194.89	X 194.51	X 193.98

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	1935	1936	1937	1938	1939
January	2,012,742	2,091,497	2,317,906	X 2,283,691	2,386,771
February	1,803,447	1,938,978	2,146,578	2,057,598	2,213,965
March	1,943,555	2,135,640	2,412,259	2,258,197	2,366,532
April	1,881,029	2,164,628	2,322,884	2,063,801	2,197,171
Sub Total	7,640,773	8,330,743	9,199,627	8,663,287	9,164,439
May	1,923,071	2,083,363	2,301,167	2,081,935	
June	1,816,250	2,028,980	2,255,338	1,973,155	
July	1,791,544	2,021,147	2,188,055	1,987,774	
August	1,851,153	2,020,416	2,197,725	2,075,901	
September	1,919,213	2,041,423	2,204,291	X 2,168,435	
October	2,162,569	2,280,508	2,365,052	X 2,333,461	
November	2,143,314	2,261,979	2,414,676	2,375,661	
December	2,156,525	2,325,733	2,457,996	X 2,353,196	
TOTAL	23,404,412	25,394,292	27,583,927	X 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
Sub Total	424,834	480,151	609,917	560,333	627,351
May	94,256	130,530	161,033	155,292	
June	107,994	157,871	158,657	158,313	
July	93,348	157,543	164,057	159,349	
August	130,305	143,342	162,617	149,493	
September	142,177	125,127	143,441	151,691	
October	146,530	129,323	142,736	165,455	
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	X 1,558,575	1,644,775
February	1,193,820	1,298,872	1,344,387	X 1,435,998	1,483,272
March	1,321,545	1,387,512	1,532,912	X 1,573,090	1,613,781
April	1,267,776	1,353,605	1,510,508	X 1,480,284	1,559,933
Sub Total	5,127,787	5,453,205	5,861,594	6,047,947	6,306,761
May	1,304,893	1,371,404	1,519,545	X 1,505,826	
June	1,245,659	1,353,080	1,496,283	X 1,470,027	
July	1,270,867	1,359,445	1,510,365	X 1,466,399	
August	1,306,710	1,386,797	1,543,699	X 1,518,479	
September	1,317,312	1,417,821	1,573,502	X 1,537,426	
October	1,415,896	1,533,075	1,655,879	X 1,631,513	
November	1,394,955	1,481,813	1,632,494	X 1,617,311	
December	1,411,097	1,516,702	1,629,452	X 1,640,012	
TOTAL	15,795,176	16,873,342	18,423,813	X 18,434,940	

X -- Revised