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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JUNE, 1940

The output of central electric stations in June amounted to 2,578,883,000 kilowatt hours compared with 2,671,567,000 in May and 2,245,537,000 in June last year. The index number adjusted for the uneven number of days in the months and other seasonal factors rose to a new high at 274.24.

Exports to the United States amounted to 190,704,000 kilowatt hours or 6,356,800 kilowatt hours per day compared with an average of 6,237,000 kilowatt hours in May, and was the highest daily average exported to date.

Deliveries of secondary power to electric boilers amounted to 527,443,000 kilowatt hours compared with 536,585,000 in May, and 495,510,000 in June 1939.

Consumption of firm power (output less exports and secondary power delivered to electric boilers) was 1,860,736,000 kilowatt hours against the peak of 1,941,629,000 in May, but after adjustment for seasonal variations the index number rose to a new high point at 249.31.

OUTPUT OF CENTRAL ELECTRIC STATIONS
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	
<u>MONTHLY OUTPUTS</u>							
<u>Total Output</u>							
June, 1940	2,578,883	79,313	1,412,814	755,571	160,979	170,206	
May, 1940	2,671,567	80,312	1,444,690	786,756	185,150	174,659	
June, 1939	2,245,537	78,281	1,211,639	637,696	156,940	160,981	
<u>Generated By Water Power</u>							
June, 1940	2,536,784	59,993	1,412,453	755,571	140,215	168,552	
May, 1940	2,631,766	63,925	1,444,311	786,756	163,414	173,360	
June, 1939	2,209,398	62,491	1,211,302	637,696	137,269	160,640	
<u>Generated by Fuel</u>							
June, 1940	42,099	19,320	361	...	20,764	1,654	
May, 1940	39,801	16,387	379	...	21,736	1,299	
June, 1939	36,139	15,790	337	...	19,671	341	
<u>Total to Date</u>							
1940	14,968,503	429,593	7,974,766	4,400,492	1,146,130	1,017,522	
1939	13,744,252	417,065	7,393,488	3,864,009	1,118,398	951,292	
<u>PROVINCIAL CONSUMPTIONS 1/</u>							
June, 1940	2,388,180	77,972	1,087,747	891,390	162,619	168,452	
May, 1940	2,478,214	78,852	1,092,838	946,831	186,956	172,737	
June, 1940	2,082,474	76,803	923,873	763,984	158,363	159,451	
<u>Total to Date</u>							
1940	13,969,487	420,037	6,034,876	5,351,649	1,157,053	1,005,872	
1939	12,789,319	408,015	5,649,647	4,662,651	1,127,089	941,917	
<u>INDEX NUMBERS</u>							
	January	February	March	April	May	June	
						<u>TOTAL</u>	
1938	220.06	215.88	222.48	212.63	210.15	209.82	
1939	230.01	232.31	233.17	226.39	235.54	238.79	
1940	243.42	239.79	239.02	247.14	269.67	<u>274.24</u>	
<u>OUTPUT LESS EXPORTS AND</u>							
1938	190.46	192.28	196.71	194.12	193.33	197.01	
1939	201.02	199.31	201.83	204.59	208.47	212.63	
1940	226.46	223.33	229.52	240.58	249.27	<u>249.31</u>	

1/ Production plus provincial imports less provincial exports.

3/ New Brunswick only.

OUTPUT OF CENTRAL ELECTRIC STATIONS
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>						
	85,963	2,644	47,094	25,186	5,366	5,673
	86,180	2,591	46,603	25,379	5,973	5,634
	74,851	2,609	40,388	21,257	5,231	5,366
	84,560	2,000	47,082	25,186	4,674	5,618
	84,896	2,062	46,591	25,379	5,272	5,592
	73,647	2,083	40,377	21,257	4,575	5,355
	1,403	644	12	...	692	55
	1,284	529	12	...	701	42
	1,204	526	11	...	656	11
	167,473	4,948	90,265	49,166	11,847	11,247
	75,935	2,304	40,848	21,348	6,179	5,256
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	527,443	<u>3/</u> 1,769	414,348	93,600	<u>4/</u> 17,463	263
	536,585	895	398,126	104,261	33,024	279
	495,510	4,576	370,695	95,028	24,969	242
	2,916,509	5,575	2,105,437	556,536	247,405	1,556
	3,270,905	14,183	2,303,893	665,921	285,376	1,532
(AVERAGE, 1926 = 100)						
	July	August	September	October	November	December
<u>OUTPUT</u>						
	212.28	218.31	224.10	221.27	<u>226.49</u>	221.95
	235.56	241.14	246.03	245.59	<u>248.11</u>	239.21
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	196.70	<u>200.06</u>	199.84	194.89	194.51	193.98
	212.90	<u>216.25</u>	216.84	215.50	<u>217.70</u>	215.29

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



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OUTPUT OF CENTRAL ELECTRIC STATIONS
(Thousands of Kilowatt Hours)

Month	1936	1937	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
March	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157
April	2,164,628	2,322,884	2,063,801	2,197,379	2,398,722
May	2,083,363	2,301,167	2,081,935	2,333,443	2,671,567
June	2,028,980	2,255,338	1,973,155	2,245,537	2,578,883
Sub-Total	12,443,086	13,756,132	12,718,377	13,744,252	14,968,503
July	2,021,147	2,188,055	1,987,774	2,205,844	
August	2,020,416	2,197,725	2,075,901	2,293,032	
September	2,041,423	2,204,291	2,168,435	2,380,652	
October	2,280,508	2,365,052	2,333,461	2,589,956	
November	2,261,979	2,414,676	2,375,661	2,601,535	
December	2,325,733	2,457,996	2,353,196	2,536,242	
TOTAL	25,394,292	27,583,927	26,012,805	28,351,514	
EXPORTS TO THE UNITED STATES					
January	118,050	134,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
March	125,921	172,695	144,091	165,422	155,402
April	125,496	164,250	135,616	141,523	170,600
May	130,530	161,033	155,292	164,520	193,353
June	157,871	158,657	158,313	163,063	190,704
Sub-Total	768,552	929,607	873,938	954,934	999,017
July	157,543	164,057	159,349	162,973	
August	143,342	162,617	149,493	177,834	
September	125,127	143,441	151,691	159,713	
October	129,323	142,736	165,455	151,794	
November	126,152	145,549	165,299	155,247	
December	128,070	159,093	161,290	150,138	
TOTAL	1,578,109	1,847,100	1,826,515	1,912,633	
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	1,344,387	1,435,998	1,488,480	1,727,442
March	1,387,512	1,532,912	1,573,090	1,613,989	1,835,439
April	1,353,605	1,510,508	1,480,284	1,560,142	1,834,573
May	1,371,404	1,519,545	1,505,826	1,623,856	1,941,629
June	1,353,080	1,496,283	1,470,027	1,586,964	1,860,736
Sub-Total	8,177,689	8,878,422	9,023,800	9,518,414	11,052,976
July	1,359,445	1,510,365	1,466,399	1,587,154	
August	1,386,797	1,543,699	1,518,479	1,641,340	
September	1,417,821	1,573,502	1,537,426	1,668,186	
October	1,533,075	1,655,879	1,631,513	1,804,048	
November	1,491,813	1,632,494	1,617,311	1,809,175	
December	1,516,702	1,629,452	1,640,012	1,820,186	
TOTAL	16,873,342	18,423,813	18,434,940	19,848,503	