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Published by Authority of HON. JAMES A. MACKINNON, M.P.,
Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
O T T A W A

No. 9.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

SEPTEMBER, 1940

The output of central electric stations for September dropped to 2,399,678,000 kilowatt hours from 2,500,179,000 kilowatt hours in August and the index number declined from 262.92 to 248.00. Compared with the September 1939 output of 2,380,652,000 kilowatt hours the increase was less than one per cent, whereas the increase for the previous eight months over the first eight months of 1939 was 10 per cent. **Over 88 per cent** of the decline from the August output was in secondary power. Deliveries to electric boilers dropped from 366,951,000 kilowatt hours in August to 279,003,000 kilowatt hours, and exports of surplus power to the United States dropped from 71,517,000 to 70,380,000 kilowatt hours.

Total exports to the United States declined to 186,983,000 kilowatt hours from 192,235,000 kilowatt hours in August but were 17 per cent above the September 1939 exports.

Consumption of firm power (total output less exports and deliveries of secondary power to electric boilers) was 1,933,692,000 kilowatt hours as against 1,940,996,000 kilowatt hours in August and 1,668,186,000 kilowatt hours in September last year.

23/10/40

Price per year 50 cents

OUTPUT OF CENTRAL ELECTRIC STATIONS
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
MONTHLY OUTPUTS						
<u>Total Output</u>	2,437,455					
September, 1940	2,399,678	68,689	1,279,699	718,771	155,414	177,105
August, 1940	2,500,179	76,076	1,357,493	729,936	152,442	184,232
September, 1939	2,380,652	76,965	1,264,903	696,931	170,381	171,472
<u>Generated by Water Power</u>						
September, 1940	2,352,996	48,793	1,279,259	718,771	132,413	173,760
August, 1940	2,451,810	55,347	1,357,058	729,936	129,539	179,930
September, 1939	2,336,676	57,843	1,264,515	696,931	146,953	170,434
<u>Generated by Fuel</u>						
September, 1940	46,682	19,896	440	...	23,001	3,345
August, 1940	48,369	20,729	435	...	22,903	4,302
September, 1939	43,976	19,122	388	...	23,428	1,038
<u>Total to Date</u>						
1940	22,483,592	656,460	12,061,367	6,597,388	1,612,137	1,556,240
1939	20,623,780	650,934	11,081,327	5,838,715	1,594,439	1,457,365
PROVINCIAL CONSUMPTIONS 1/						
September, 1940	2,212,695	67,504	958,762	854,036	156,838	175,555
August, 1940	2,307,947	74,808	1,022,598	874,007	154,098	182,436
September, 1939	2,220,938	75,600	980,587	823,017	171,369	169,865
<u>Total to Date</u>						
1940	20,902,302	643,178	9,124,293	7,967,575	1,627,978	1,539,278
1939	19,168,326	637,599	8,484,787	6,994,696	1,608,066	1,443,178

INDEX NUMBERS

	January	February	March	April	May	June
TOTAL						
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	274.24
OUTPUT LESS EXPORTS AND						
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	249.31

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>					
79,989	2,289	42,657	23,959	5,181	5,903
80,651	2,454	43,790	23,546	4,918	5,943
79,355	2,565	42,164	23,231	5,679	5,716
78,433	1,626	42,642	23,959	4,414	5,792
79,091	1,786	43,776	23,546	4,179	5,804
77,889	1,928	42,151	23,231	4,898	5,681
1,556	663	15	...	767	111
1,560	668	14	...	739	139
1,466	637	13	...	781	35
82,057	2,396	44,019	24,078	5,884	5,680
75,545	2,384	40,593	21,387	5,840	5,341
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
279,003	3/...	238,147	36,747	3,734	375
366,951	605	303,026	56,738	6,212	370
552,752	7,993	411,501	109,817	23,098	343
4,082,041	9,619	3,066,863	733,507	269,485	2,567
4,753,232	35,291	3,410,544	957,486	347,524	2,387

(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>279.28</u>	262.92	248.00			
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
196.70	<u>200.06</u>	199.84	194.89	194.51	193.98
212.90	216.25	216.84	215.50	<u>217.70</u>	215.29
253.88	<u>255.73</u>	251.35			

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

4/ Manitoba only.



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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
July	2,021,147	2,188,055	1,987,774	2,205,844	2,615,232
August	2,020,416	2,197,725	2,075,901	2,293,032	2,500,179
September	2,041,423	2,204,291	2,168,435	2,380,652	2,399,678
Sub-Total	18,526,072	20,346,203	18,950,487	20,623,780	22,483,592
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
July	157,543	164,057	159,349	162,973	203,058
August	145,342	162,617	149,493	177,834	192,235
September	125,127	143,441	151,691	159,713	186,983
Sub-Total	1,194,564	1,399,722	1,334,471	1,455,454	1,581,293
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
July	1,359,445	1,510,365	1,466,399	1,587,154	1,892,596
August	1,386,797	1,543,699	1,518,479	1,641,340	1,940,996
September	1,417,821	1,573,502	1,537,426	1,668,186	1,933,692
Sub-Total	12,341,752	13,505,988	13,546,104	14,415,094	16,820,260
October	1,533,075	1,655,879	1,631,513	1,804,048	
November	1,481,813	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	