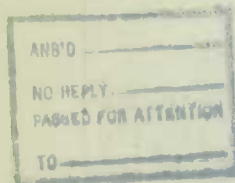


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TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 3.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MARCH, 1940.

Central electric stations produced 2,426,157,000 kilowatt hours during March compared with 2,366,740,000 kilowatt hours in March, 1939. Compared with February's output of 2,367,031,000 kilowatt hours this was an increase of 2.5 per cent but on a daily basis it was a decrease of 4.1 per cent and after adjustment for usual seasonal variations the index dropped from 239.72 for February to 239.02. This drop, however, was all in secondary power for electric boilers which declined from 499,681,000 kilowatt hours in February and 587,329,000 kilowatt hours in March last year to 435,316,000 kilowatt hours.

Exports to the United States increased to 155,402,000 kilowatt hours from 139,908,000 kilowatt hours for February, an increase on a daily basis of 3.9 per cent.

Production of firm power for use in Canada (total output less exports and deliveries to electric boilers) increased to 1,835,439,000 kilowatt hours from 1,727,442,000 kilowatt hours in February and the index number rose to a new high at 229.52. The previous peak was 226.46 for January.

23/4/40.

Price per year 50 cents.

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>						
March, 1940	2,382,682	42,451	1,283,967	707,574	177,704	170,986
February, 1940	2,322,074	36,967	1,271,131	678,439	176,351	159,186
March, 1939	2,329,542	50,735	1,282,071	667,495	179,997	149,244
<u>Generated by Fuel</u>						
March, 1940	43,475	19,709	394	...	22,867	505
February, 1940	44,957	20,507	386	...	23,108	956
March, 1939	37,198	14,342	376	...	21,805	675
<u>Total Output</u>						
March, 1940	2,426,157	62,160	1,284,361	707,574	200,571	171,491
February, 1940	2,367,031	57,474	1,271,517	678,439	199,459	160,142
March, 1939	2,366,740	65,077	1,282,447	667,495	201,802	149,919
<u>Total to Date</u>						
1940	7,319,331	192,730	3,375,321	2,134,371	613,154	503,755
1939	6,967,893	199,856	3,750,749	1,947,133	604,479	465,676
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
March, 1940	2,270,755	60,474	967,193	871,150	202,527	169,411
February, 1940	2,227,123	55,687	x 974,504	x 837,453	201,487	157,992
March, 1939	2,201,318	63,160	977,400	809,154	203,305	148,299
<u>Total to Date</u>						
1940	6,874,971	187,433	2,941,637	2,629,380	613,988	497,533
1939	6,482,066	195,070	2,875,972	2,341,237	608,926	460,861

INDEX NUMBERS

	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			
<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			

1/ Production plus provincial imports less provincial exports

3/ New Brunswick only.

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>						
	76,860	1,369	41,418	22,825	5,732	5,516
	80,071	1,275	43,832	23,394	6,081	5,489
	75,146	1,637	41,357	21,532	5,806	4,814
	1,403	636	13	...	738	16
	1,550	707	13	...	797	33
	1,200	463	12	...	703	22
	78,263	2,005	41,431	22,825	6,470	5,532
	81,621	1,982	43,845	23,394	6,878	5,522
	76,346	2,100	41,369	21,532	6,509	4,836
	80,432	2,118	42,586	23,454	6,738	5,536
	77,421	2,221	41,675	21,635	6,716	5,174
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
		<u>3/</u>			<u>4/</u>	
	435,316	...	309,838	74,894	50,332	252
	499,681	...	363,005	84,524	51,894	258
	587,329	...	401,031	128,722	57,315	261
	1,458,933	375	1,031,906	270,896	155,010	746
	1,734,614	6,785	1,201,276	350,001	175,780	772

(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	216.25	216.84	215.50	<u>217.70</u>	215.29

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
Sub-Total	6,166,115	6,876,743	6,599,486	6,967,893	7,319,331
April	2,164,628	2,322,884	2,063,801	2,197,379	
May	2,083,363	2,301,167	2,081,935	2,333,443	
June	2,028,980	2,255,338	1,973,155	2,245,537	
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	<u>2,375,661</u>	<u>2,601,535</u>	
December	<u>2,325,733</u>	<u>2,457,996</u>	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	<u>172,695</u>	144,091	165,422	155,402
Sub-Total	354,655	445,667	424,717	485,828	444,360
April	125,496	164,250	135,616	141,523	
May	130,530	161,033	155,292	164,520	
June	<u>157,871</u>	158,657	158,313	163,063	
July	157,543	164,057	159,349	162,973	
August	143,342	162,617	149,493	<u>177,834</u>	
September	125,127	143,441	151,691	159,713	
October	129,323	142,736	<u>165,455</u>	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
Sub-Total	4,099,600	4,352,086	4,597,663	4,747,452	5,416,038
April	1,353,605	1,510,508	1,480,284	1,560,142	
May	1,371,404	1,519,545	1,505,826	1,623,856	
June	1,353,080	1,496,283	1,470,027	1,586,964	
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	<u>1,533,075</u>	<u>1,655,879</u>	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	<u>1,640,012</u>	<u>1,820,186</u>	
TOTAL	16,873,342	18,423,813	18,434,940	19,848,503	