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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

FEBRUARY, 1940

Central electric stations produced 2,367,031,000 kilowatt hours in February as against 2,214,174,000 kilowatt hours a year ago and 2,526,143,000 kilowatt hours in January. Although the daily average output was 81,621,000 kilowatt hours in February and 81,488,000 kilowatt hours in January, the index number adjusted for seasonal variations and the extra day in February this year dropped from 243.42 for January to 239.79.

Exports to the United States decreased from 149,050,000 kilowatt hours in January to 139,908,000 kilowatt hours and deliveries of secondary power to electric boilers dropped from 523,936,000 kilowatt hours to 499,681,000 kilowatt hours.

The consumption of firm power declined from 1,853,157,000 kilowatt hours in January to 1,727,442,000, although on a daily basis there was very little difference. The index number, however, adjusted for seasonal variations dropped from 226.46 for January, the highest reached to date, to 223.33.

23/3/40.

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>							
February, 1940	2,322,074	36,967	1,271,131	678,439	176,351	159,186	
January, 1940	2,476,295	50,991	1,319,028	748,358	186,783	171,135	
February, 1939	2,174,972	44,420	1,194,388	620,575	170,641	144,948	
<u>Generated by Fuel</u>							
February, 1940	44,957	20,507	386	...	23,108	956	
January, 1940	49,848	22,105	415	...	26,341	987	
February, 1939	39,202	15,916	328	...	21,768	1,190	
<u>Total Output</u>							
February, 1940	2,367,031	57,474	1,271,517	678,439	199,459	160,142	
January, 1940	2,526,143	73,096	1,319,443	748,358	213,124	172,122	
February, 1939	2,214,174	60,336	1,194,716	620,575	192,409	146,138	
<u>Total to Date</u>							
1940	4,893,174	130,570	2,590,960	1,426,797	412,583	332,264	
1939	4,601,153	134,779	2,468,302	1,279,638	402,677	315,757	
<u>PROVINCIAL CONSUMPTIONS 1/</u>							
February, 1940	2,227,123	55,687	974,506	837,451	201,487	157,992	
January, 1940	2,377,093	71,272	999,940	920,777	214,974	170,130	
February, 1939	2,060,683	58,996	918,624	744,634	193,799	144,630	
<u>Total to Date</u>							
1940	4,604,216	126,959	1,974,446	1,758,228	416,461	328,122	
1939	4,280,748	131,910	1,898,572	1,532,083	405,621	312,562	
<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					
<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					

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>						
	80,071	1,275	43,832	23,394	6,081	5,489
	79,880	1,645	42,549	24,141	6,025	5,520
	77,677	1,586	42,657	22,163	6,094	5,177
	1,550	707	13	...	797	33
	1,608	713	13	...	850	32
	1,400	569	12	...	777	42
	81,621	1,982	43,845	23,394	6,878	5,522
	81,488	2,358	42,562	24,141	6,875	5,552
	79,077	2,155	42,669	22,163	6,871	5,219
	81,553	2,176	43,183	23,780	6,876	5,538
	77,986	2,284	41,836	21,689	6,825	5,352
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	499,681	<u>3/</u> ...	365,005	84,524	<u>4/</u> 51,894	258
	523,936	375	359,063	111,478	52,784	236
	572,203	...	395,943	119,124	56,909	227
	1,023,617	375	722,068	196,002	104,678	494
	1,147,285	6,785	800,245	221,279	118,465	511

(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
Sub-Total	4,030,475	4,464,484	4,341,289	4,601,153	4,893,174
March	2,135,640	2,412,259	2,258,197	2,366,740	
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	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
Sub-Total	228,734	272,972	280,626	320,406	288,958
March	125,921	172,695	144,091	165,422	
April	125,496	164,250	135,616	141,523	
May	130,530	161,033	155,292	164,520	
June	157,871	158,657	158,313	163,063	
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
Sub-Total	2,712,088	2,819,174	2,994,573	3,133,463	3,580,599
March	1,387,512	1,532,912	1,573,090	1,613,989	
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	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	18,425,813	18,434,940	19,848,503	