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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

DECEMBER, 1937

Central electric stations in Canada produced 2,457,996,000 kilowatt hours during December and the index number rose from 230.21 for November to 231.83. The consumption of firm power (total production less exports and secondary power delivered to electric boilers) dropped from 1,638,703,000 kilowatt hours in November to 1,629,452,000 kilowatt hours and the index number dropped from 197.08 to 192.73. Exports to the United States amounted to 159,093,000 kilowatt hours, as against 145,549,000 kilowatt hours in November and 128,070,000 kilowatt hours in December, 1936. Deliveries of secondary power to electric boilers increased from 630,424,000 kilowatt hours in November to 669,451,000 kilowatt hours but were below the December, 1936, deliveries of 680,960,000 kilowatt hours.

The total output, exports to the United States, deliveries of secondary power to electric boilers, and the consumption of firm power all created new high records in 1937. The total output amounted to 27,574,926,000 kilowatt hours which was 2,180,634,000 kilowatt hours, or 8.6 per cent, above the 1936 record. Exports to the United States increased from 1,578,109,000 kilowatt hours in 1936 to 1,847,100,000 kilowatt hours, deliveries to electric boilers rose from 6,942,841,000 kilowatt hours to 7,306,805,000 kilowatt hours, and the consumption of firm power from 16,873,342,000 kilowatt hours to 18,421,022,000 kilowatt hours, or by 9.2 per cent.

21/1/38

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>							
Dec., 1937	2,409,935	60,432	1,282,770	715,242	181,165	170,326	
Nov., 1937	x 2,366,634	55,952	x1,252,873	721,545	170,711	165,553	
Dec., 1936	2,283,384	61,963	1,227,435	704,988	166,080	122,918	
<u>Generated by Fuel</u>							
Dec., 1937	48,061	23,427	355	42	23,651	586	
Nov., 1937	48,041	24,723	355	30	22,773	160	
Dec., 1936	42,349	18,151	345	40	22,789	1,024	
<u>Total Output</u>							
Dec., 1937	2,457,996	83,859	1,283,125	715,284	204,816	170,912	
Nov., 1937	x 2,414,675	80,675	x1,253,228	721,575	193,484	165,713	
Dec., 1936	2,325,733	80,114	1,227,780	705,028	188,869	123,942	
<u>Total to Date</u>							
1937	27,574,926	946,794	14,309,719	8,478,496	2,060,887	1,779,030	
1936	25,394,292	840,162	13,005,591	7,954,604	1,929,872	1,664,063	
<u>PROVINCIAL CONSUMPTIONS 1/</u>							
Dec., 1937	2,298,903	82,267	1,032,743	808,288	206,381	169,224	
Nov., 1937	x 2,269,127	79,165	x1,039,336	x791,536	195,045	164,045	
Dec., 1936	2,197,662	78,534	1,047,193	759,205	190,822	121,908	
<u>Total to Date</u>							
1937	25,727,827	931,024	11,810,327	9,147,705	2,078,799	1,759,972	
1936	23,816,184	825,720	11,064,425	8,331,776	1,947,900	1,645,363	

INDEX NUMBERS

	January	February	March	April	May	June	
							<u>TOTAL</u>
1935	193.95	189.22	191.48	193.80	194.12	193.14	
1936	201.54	203.44	210.40	<u>223.02</u>	210.30	215.76	
1937	223.35	225.22	237.66	239.32	232.28	<u>239.83</u>	
<u>OUTPUT LESS EXPORTS AND</u>							
1935	164.31	159.85	165.26	166.25	167.53	166.90	
1936	172.69	173.92	173.51	177.51	176.07	181.29	
1937	180.22	180.02	191.69	198.08	195.08	200.48	

1/ Production plus provincial imports less provincial exports.

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>			
	77,740	1,949	41,380	23,073	5,844	5,494
	78,887	1,865	41,762	24,052	5,690	5,518
	73,658	1,999	39,595	22,742	5,357	3,965
	1,550	756	11	1	763	19
	1,601	824	12	1	759	5
	1,366	586	11	1	735	33
	79,290	2,705	41,391	23,074	6,607	5,513
	80,488	2,689	41,774	24,053	6,449	5,523
	75,024	2,585	39,606	22,743	6,092	3,998
	75,548	2,594	39,205	23,229	5,646	4,874
	69,657	2,295	35,808	21,734	5,273	4,547
			<u>DELIVERIES TO ELECTRIC BOILERS</u>			
		(3)			(4)	
	669,451	6,891	519,203	84,458	58,356	543
	630,424	2,962	494,629	85,523	46,761	549
	680,960	4,086	538,576	85,254	52,546	498
	7,306,805	42,460	5,786,682	1,000,753	470,777	6,133
	6,942,841	47,357	5,325,970	1,130,139	434,131	5,244

(AVERAGE, 1926 = 100)

	July	August	September	October	November	December
<u>OUTPUT</u>						
	191.32	194.67	198.34	205.07	204.34	203.40
	215.84	212.47	210.97	216.25	215.65	219.36
	233.67	231.12	226.88	224.27	230.21	231.83
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	170.48	172.16	171.35	169.14	167.77	166.90
	182.36	182.71	184.29	183.13	178.22	179.39
	202.60	203.38	203.36	197.80	197.06	192.73

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

Month	1933	1934	1935	1936	1937
January	1,396,661	1,725,264	2,012,742	2,091,497	2,317,906
February	1,299,580	1,614,425	1,803,447	1,938,978	2,146,578
March	1,371,060	1,797,334	1,943,555	2,135,640	2,412,259
April	1,296,805	1,697,909	1,881,029	2,164,628	2,322,884
May	1,349,942	1,830,820	1,923,071	2,083,363	2,301,167
June	1,370,901	1,708,632	1,816,250	2,028,980	2,255,338
July	1,442,657	1,621,314	1,791,544	2,021,147	2,188,055
August	1,508,216	1,676,865	1,851,153	2,020,416	2,197,725
September	1,489,322	1,627,289	1,919,213	2,041,423	2,195,291
October	1,617,608	1,853,226	2,162,569	2,280,508	2,365,052
November	1,702,363	1,953,512	2,143,314	2,261,979	x2,414,675
December	1,707,886	2,052,940	2,156,525	2,325,733	2,457,996
TOTAL	17,563,001	21,159,530	23,404,412	25,394,292	27,574,926

EXPORTS TO THE UNITED STATES

January	48,018	100,485	113,878	118,050	134,931
February	46,440	102,151	109,524	110,684	138,041
March	45,343	112,115	103,957	125,921	172,695
April	35,272	63,105	97,475	125,496	164,250
May	42,874	111,000	94,256	130,530	161,033
June	86,673	113,640	107,994	157,871	158,657
July	119,192	105,856	93,348	157,543	164,057
August	109,592	115,988	130,305	143,342	162,617
September	122,907	107,114	142,177	125,127	143,441
October	127,243	107,122	146,530	129,323	142,736
November	106,457	99,714	112,305	126,152	x145,549
December	99,353	110,508	112,838	128,070	159,093
TOTAL	989,364	1,248,798	1,364,587	1,578,109	1,847,100

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,052,123	1,216,922	1,344,646	1,413,216	1,474,787
February	949,956	1,117,047	1,193,820	1,298,872	1,344,387
March	1,012,774	1,239,377	1,321,545	1,387,512	1,532,912
April	959,513	1,141,203	1,267,776	1,353,605	1,510,508
May	1,014,092	1,244,982	1,304,893	1,371,404	1,519,545
June	1,006,602	1,158,889	1,245,659	1,353,080	1,496,283
July	1,045,695	1,159,301	1,270,867	1,359,445	1,510,365
August	1,099,524	1,191,218	1,306,710	1,386,797	1,543,699
September	1,106,841	1,173,190	1,317,312	1,417,821	1,564,502
October	1,189,454	1,290,580	1,415,896	1,533,075	1,655,879
November	1,192,494	1,292,686	1,394,955	1,481,813	x1,638,703
December	1,193,359	1,348,205	1,411,097	1,516,702	1,629,452
TOTAL	12,822,427	14,573,600	15,795,176	16,873,342	18,421,022

x - Revised.