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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JANUARY, 1937

The output of central electric stations for January amounted to 2,519,158,000 kilowatt hours as against 2,091,497,000 kilowatt hours for January, 1936. The index number, adjusted for seasonal variations, reached a new high at 223.47 despite the month containing five Sundays and five Saturdays, which are low production days, and no adjustment being made for the extra number of these days.

Deliveries of secondary power to electric boilers increased from 660,960,000 kilowatt hours in December to 701,742,000 kilowatt hours, the largest yet recorded. Exports to the United States also increased from 128,070,000 kilowatt hours in December to 134,927,000 kilowatt hours, making the consumption of firm power in Canada (including line losses) 1,482,489,000 kilowatt hours. The index number for firm power consumption was 181.16, as compared with 181.76 for December and the record of 184.42 for September, 1936.

22/2/37

**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>						
Jan., 1937	2,277,638	66,419	1,207,781	722,380	171,701	109,357
Dec., 1936	2,283,384	61,963	1,227,435	704,988	166,080	122,918
Jan., 1936	2,052,114	38,572	1,045,702	675,883	159,899	132,058
<u>Generated by Fuel</u>						
Jan., 1937	41,520	17,407	325	24	22,295	1,469
Dec., 1936	x 42,349	x18,151	345	40	x22,789	1,024
Jan., 1936	39,383	17,587	284	65	21,052	395
<u>Total Output</u>						
Jan., 1937	2,319,158	83,826	1,208,106	722,404	193,996	110,826
Dec., 1936	x2,325,733	x80,114	1,227,780	705,028	x188,869	123,942
Jan., 1936	2,091,497	56,159	1,045,986	675,948	180,951	132,453
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Jan., 1937	2,184,231	81,959	1,031,299	766,220	195,683	109,070
Dec., 1936	x2,197,662	78,533	1,047,193	759,205	x190,822	121,909
Jan., 1936	1,973,446	55,234	865,741	739,119	182,486	130,866

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	196.32	210.40	223.02	210.30	215.76
1937	223.47					
<u>OUTPUT LESS EXPORTS AND</u>						
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.69	167.80	173.51	177.51	176.07	181.29
1937	181.16					

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<sup>2/</sup></u>					
75,472	2,142	38,961	23,502	5,539	3,528
73,658	1,999	39,595	22,742	5,357	3,965
66,197	1,244	33,732	21,803	5,158	4,260
1,339	562	10	1	719	47
x 1,366	x 586	11	1	x 735	33
1,270	567	9	2	679	13
74,811	2,704	38,971	23,303	6,258	3,575
x 75,024	x 2,585	39,606	22,743	x 6,092	3,998
67,467	1,811	33,741	21,805	5,837	4,273
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
701,742	...	556,995	89,496	54,741	510
660,960	4,066	518,576	85,254	52,546	496
560,230	...	379,405	128,894	51,586	345

(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	211.08	x 216.25	216.65	x 219.36
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
170.48	172.16	171.35	169.14	167.77	166.90
182.36	182.71	184.42	x 183.13	178.22	x 181.76

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  
(Thousands of Kilowatt Hours)

Month	1933	1934	1935	1936	1937
January	1,396,661	1,725,264	2,012,742	2,091,497	2,519,158
February	1,299,580	1,614,425	1,803,447	1,937,978	
March	1,371,060	1,797,534	1,943,555	x2,135,640	
April	1,296,805	1,697,909	1,881,029	2,164,628	
May	1,349,942	1,830,820	1,923,071	2,083,563	
June	1,370,901	1,708,632	1,816,250	2,028,980	
July	1,442,657	1,621,514	1,791,544	2,021,147	
August	1,508,216	1,676,865	1,851,153	2,020,416	
September	1,489,322	1,627,289	1,919,213	2,042,423	
October	1,617,608	1,853,226	2,162,569	x2,280,508	
November	1,702,363	1,953,512	2,143,314	2,261,979	
December	1,707,886	2,052,940	2,156,525	x2,325,733	
TOTAL	17,553,001	21,159,530	23,404,412	x25,394,292	

EXPORTS TO THE UNITED STATES

January	48,018	100,485	113,878	118,050	134,927
February	46,440	102,151	109,524	110,684	
March	45,343	112,115	103,957	125,921	
April	35,272	63,105	97,475	125,496	
May	42,874	111,000	94,256	130,530	
June	86,673	113,640	107,994	157,870	
July	119,192	105,856	93,348	157,543	
August	109,592	115,988	130,305	143,342	
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989,364	1,248,798	1,364,587	1,578,107	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,052,123	1,216,922	1,344,646	1,413,216	1,482,489
February	949,956	1,117,047	1,193,820	1,297,872	
March	1,012,774	1,239,377	1,321,545	1,387,512	
April	959,513	1,141,203	1,267,776	x1,353,806	
May	1,014,092	1,244,982	1,304,893	1,371,404	
June	1,006,602	1,158,889	1,245,659	1,353,081	
July	1,045,695	1,159,301	1,270,867	1,359,445	
August	1,099,524	1,191,218	1,306,710	1,386,797	
September	1,106,841	1,173,190	1,317,512	1,418,821	
October	1,189,454	1,290,580	1,415,826	x1,533,075	
November	1,192,494	1,292,686	1,394,955	1,481,813	
December	1,193,359	1,348,205	1,411,097	x1,536,702	
TOTAL	12,822,427	14,573,600	15,795,176	x16,893,344	

x Revised.