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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

OCTOBER, 1934

The output of central electric stations in Canada during October amounted to 1,853,388,000 kilowatt hours, or a daily average of 59,787,000 kilowatt hours. This was an increase over the September average of 10.2 per cent and over the October, 1933, average of 14.6 per cent. The index number, after adjustment for seasonal variations as experienced in 1924-1933, rose from 166.11 for September to 173.59, which was exceeded only in March, May and June of this year.

Output less exports to the United States and deliveries to electric boilers also showed an increase from 1,192,695,000 kilowatt hours in September to 1,312,982,000 kilowatt hours and established a new high record, the previous high being for January, 1930. Its index number after adjustment, 156.84, was higher than for any previous October, but was lower than for May, June, July and August, 1934.

Consumption in Quebec jumped from 646,469,000 kilowatt hours in September to 777,796,000 kilowatt hours, or by 20.3 per cent. Over 42 per cent of this power was delivered to electric boilers in the province. The Maritime Provinces' consumption increased 15.2 per cent, Ontario's by 12.2 per cent, the Prairie Provinces' by 11.7 per cent and British Columbia's by 1.8 per cent; the extra day would mean an increase of about 3.3 per cent.

Deliveries to electric boilers amounted to 433,285,000 kilowatt hours. This total has been exceeded only twice, in April and May of this year, and was 49 per cent greater than the October, 1933, total.

Exports to the United States increased from 107,114,000 kilowatt hours in September to 107,122,000 kilowatt hours, but the daily average declined 3.2 per cent and was 15.8 per cent below the October, 1933, average.

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>							
Oct. 1934	1,821,707	48,823	1,009,596	516,425	122,455	124,408	
Sept. 1934	1,597,283	40,557	852,236	472,978	109,400	122,112	
Oct. 1933	1,589,072	55,778	878,097	434,037	111,937	109,223	
<u>Generated by Fuel</u>							
Oct. 1934	31,681	15,649	...	50	15,870	112	
Sept. 1934	30,006	15,403	...	30	14,480	93	
Oct. 1933	28,536	13,081	...	12	15,389	54	
<u>Total Output</u>							
Oct. 1934	1,853,388	64,472	1,009,596	516,475	138,325	124,520	
Sept. 1934	1,627,289	55,960	852,236	473,008	123,880	122,205	
Oct. 1933	1,617,608	68,859	878,097	434,049	127,326	109,277	
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>							
Oct. 1934	1,746,267	63,231	777,796	642,430	139,491	123,319	
Sept. 1934	1,520,175	54,865	646,469	572,792	124,918	121,131	
Oct. 1933	1,490,365	67,743	638,749	547,305	128,372	108,196	

INDEX NUMBERS

	January	February	March	April	May	June	
							<u>TOTAL</u>
1930	147.98	144.89	147.47	152.89	154.01	150.69	
1931	141.69	138.76	137.95	143.60	136.17	135.48	
1932	134.57	137.33	135.14	135.30	126.73	125.86	
1933	132.93	134.68	133.42	131.97	134.59	143.99	
1934	164.21	167.31	174.90	172.79	182.54	179.47	
<u>OUTPUT LESS EXPORTS AND</u>							
1930	155.62	150.28	151.67	154.97	155.79	150.93	
1931	144.18	140.98	143.01	147.18	144.44	143.75	
1932	138.14	141.48	136.90	133.28	128.35	124.96	
1933	129.83	128.59	128.07	127.21	131.46	136.54	
1934	149.81	151.00	156.66	152.13	161.92	157.59	

1/ Production plus provincial imports less provincial exports.

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>					
58,765	1,575	32,568	16,659	3,950	4,013
53,243	1,352	28,408	15,766	3,647	4,070
51,260	1,799	28,326	14,001	3,611	3,523
1,022	505	...	1	512	4
1,000	513	...	1	483	3
921	422	...	...	497	2
59,787	2,080	32,568	16,660	4,462	4,017
54,243	1,865	28,408	15,767	4,130	4,073
52,181	2,221	28,326	14,001	4,108	3,525
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
433,285	3/ 3,159	326,539	83,284	4/ 20,151	152
327,480	3/ 1,317	243,449	68,574	4/ 14,008	132
291,645	3/ 6,022	216,567	51,540	4/ 17,360	156

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
150.38	146.65	147.30	147.48	142.70	143.68
131.99	130.48	131.52	133.78	133.25	133.42
121.89	127.79	130.57	130.20	136.38	133.52
152.17	156.66	152.03	151.51	<u>160.31</u>	159.11
171.02	172.31	166.11	173.59		
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
151.46	146.18	147.43	146.75	143.20	143.80
139.38	136.59	138.86	137.18	136.18	136.58
121.09	125.29	128.80	126.69	135.18	129.99
141.74	<u>146.43</u>	145.24	143.19	144.84	142.73
157.32	157.02	155.03	156.84		

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

3/ New Brunswick only.

4/ Manitoba only.





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OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1930	1931	1932	1933	1934
January	1,554,812	<u>1,488,721</u>	1,413,918	1,396,661	1,725,264
February	1,398,096	1,338,988	1,325,133	1,299,580	1,614,425
March	1,515,465	1,417,558	1,388,697	1,371,060	1,797,334
April	1,502,338	1,411,090	1,329,489	1,296,805	1,697,909
May	1,544,627	1,365,786	1,271,015	1,349,942	1,830,861
June	1,434,611	1,289,828	1,198,232	1,370,901	1,708,632
July	1,425,690	1,251,323	1,155,581	1,442,657	1,621,314
August	1,411,861	1,256,149	1,230,220	1,508,216	1,658,896
September	1,442,962	1,288,413	1,279,140	1,489,322	1,627,289
October	<u>1,574,560</u>	1,428,342	1,390,144	1,617,608	<u>1,853,388</u>
Sub Total	14,795,022	13,536,198	12,981,569	14,142,752	17,135,312
November	1,515,403	1,415,020	<u>1,448,227</u>	1,702,363	
December	1,542,308	1,432,182	1,433,191	<u>1,707,886</u>	
TOTAL	17,862,733	16,383,400	15,862,987	17,553,001	
EXPORTS TO THE UNITED STATES					
January	112,625	<u>162,443</u>	61,767	48,018	100,485
February	117,176	145,498	52,422	46,440	102,151
March	126,894	127,985	<u>55,414</u>	45,343	112,115
April	117,504	97,677	54,982	35,272	63,105
May	129,138	86,824	51,354	42,874	111,000
June	136,016	88,602	64,864	86,673	113,640
July	131,817	95,085	59,015	119,192	105,866
August	142,571	99,781	69,192	109,592	<u>115,988</u>
September	153,657	93,288	<u>71,500</u>	122,907	107,114
October	<u>161,323</u>	95,423	50,737	<u>127,243</u>	107,122
Sub Total	1,328,721	1,092,606	591,247	783,554	1,038,586
November	141,587	73,357	35,023	106,457	
December	149,295	69,362	41,610	99,353	
TOTAL	1,619,603	1,235,325	667,880	989,364	
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	<u>1,273,491</u>	<u>1,179,856</u>	<u>1,130,430</u>	1,062,447	1,225,962
February	1,122,302	1,052,887	1,056,607	960,342	1,127,664
March	1,212,901	1,143,625	1,094,779	1,024,147	1,252,827
April	1,181,750	1,122,294	1,016,348	970,017	1,160,066
May	1,213,472	1,125,041	999,749	1,023,979	1,261,219
June	1,126,485	1,072,893	932,648	1,019,082	1,176,141
July	1,129,110	1,039,037	902,740	1,056,634	1,172,789
August	1,109,551	1,036,736	950,994	1,111,397	1,191,805
September	1,134,245	1,068,277	990,920	1,117,383	1,192,695
October	1,228,479	1,148,387	1,060,554	1,198,720	<u>1,312,982</u>
Sub Total	11,731,786	10,989,033	10,135,769	10,544,148	12,074,150
November	1,190,704	1,132,312	1,123,982	1,204,309	
December	1,215,794	1,154,705	1,099,017	<u>1,206,780</u>	
TOTAL	14,138,284	13,276,050	12,358,768	12,955,237	