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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

OCTOBER, 1935

Canadian central electric stations continued to establish new high records by producing 2,162,569,000 kilowatt hours in October. This was not only the largest quantity produced in any month but, after adjusting for the unequal number of days in the months and the seasonal variations, the index number also reached a new high at 202.55 which was 6.64 points above the previous record made in September.

The exports to the United States increased from 142,177,000 kilowatt hours in September and 107,122,000 kilowatt hours in October last year to 146,530,000 kilowatt hours. The increase over last year was 63 per cent firm power and 37 per cent surplus power and the additional day about accounted for the increase over September.

Deliveries to electric boilers increased from 453,337,000 kilowatt hours in September to 563,108,000 kilowatt hours; in Quebec the increase was from 332,082,000 to 408,208,000 kilowatt hours, or by 23 per cent, and in Ontario from 98,356,000 to 123,301,000 kilowatt hours, or by 25 per cent.

The output less exports to the United States and deliveries to electric boilers, or the consumption of firm power in Canada (including losses), also established a new high record at 1,452,931,000 kilowatt hours and the index number rose from 172.06 for September and 156.85 for October last year to 173.56, an increase of 0.77 points over the index number for August, the previous high point. Quebec province showed the largest increase in consumption of firm power, comparing October with September, with an addition of 63,548,000 kilowatt hours, or 13.5 per cent. In Ontario this consumption increased by 41,452,000 kilowatt hours, or 7.5 per cent, in the Prairie Provinces by 10,171,000 kilowatt hours, or 8.5 per cent, in British Columbia by 8,450,000 kilowatt hours, or 6.7 per cent, and in the Maritime Provinces by 5,610,000 kilowatt hours, or 9.7 per cent.

In 1934 exports from Quebec to Ontario increased from 176,447,000 kilowatt hours in September to 202,539,000 kilowatt hours in October, but this year these exports decreased from 196,092,000 kilowatt hours in September to 185,224,000 kilowatt hours. The Hydro Electric Power Commission of Ontario purchases power from Quebec plants on a horse-power year demand basis and resells back to them off peak power on a kilowatt hour basis. Such kilowatt hours are not included in the exports from Quebec to Ontario.

21/11/35

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. 1935	2,122,992	46,811	1,176,353	626,559	137,698	135,571
Sept. 1935	1,888,013	44,442	1,045,369	546,865	124,220	127,117
Oct. 1934	1,821,541	48,823	1,009,597	516,425	122,455	124,241
<u>Generated by Fuel</u>						
Oct. 1935	39,577	17,933	280	61	21,149	154
Sept. 1935	31,201	15,963	263	38	14,849	88
Oct. 1934	31,685	15,649	...	50	15,874	112
<u>Total Output</u>						
Oct. 1935	2,162,569	64,744	1,176,633	626,620	158,847	135,725
Sept. 1935	1,919,214	60,405	1,045,632	546,903	139,069	127,205
Oct. 1934	1,853,226	64,472	1,009,597	516,475	138,329	124,353
<u>Total to Date</u>						
1935	19,104,570	652,808	10,356,897	5,504,785	1,332,708	1,257,372
1934	17,153,078	621,065	9,157,570	4,992,465	1,208,238	1,173,740
<u>PROVINCIAL CONSUMPTIONS</u> ^{1/}						
Oct. 1935	2,016,039	63,761	940,676	717,072	160,457	134,073
Sept. 1935	x1,777,037	59,125	x801,002	650,675	140,719	125,516
Oct. 1934	1,746,105	63,231	777,796	642,430	139,496	123,152
<u>Total to Date</u>						
1935	17,965,130	640,353	8,087,155	6,647,986	1,347,475	1,242,161
1934	16,114,493	609,775	7,143,086	5,980,013	1,221,251	1,160,368

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
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
1935	191.57	186.90	189.13	191.43	191.74	190.77
<u>OUTPUT LESS EXPORTS AND</u>						
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
1935	x165.46	x161.15	x167.17	x167.13	x168.16	x167.44

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
DAILY AVERAGE OUTPUTS ^{2/}					
		81	82		
68,484	1,510	33.0 37,947	16.6 20,212	4,442	4,373
62,934	1,481	30.3 34,846	18,229	4,141	4,237
58,760	1,575	32,568	16,659	3,950	4,008
1,277	579	9	2	682	5
1,040	532	9	1	495	3
1,022	505	..	2	512	3
69,761	2,089	37,956	16.6 20,214	5,124	4,378
63,974	2,013	34,855	18,230	4,636	4,240
59,782	2,080	32,568	16,661	4,462	4,011
62,841	2,147	34,069	18,108	4,384	4,136
56,425	2,043	30,124	16,423	3,974	3,861
DELIVERIES TO ELECTRIC BOILERS					
	(3)	13.2	4.0	(4)	
563,108	445	408,208	123,301	30,716	438
453,337	1,419	332,082	98,356	21,149	331
433,072	3,159	326,326	83,284	20,151	152
2,875,674	27,051	2,505,539	1,118,825	218,400	3,853
4,022,363	30,557	3,058,321	756,732	175,233	1,520

(Average, 1926 = 100)

July	August	September	October	November	December
OUTPUT					
152.17	156.66	152.03	151.51	160.31	159.11
171.02	174.18	166.11	173.57	183.96	191.26
188.98	192.28	195.91	202.55		
DELIVERIES TO ELECTRIC BOILERS					
141.74	146.43	145.24	143.19	144.84	142.73
157.32	159.39	155.03	156.85	158.25	162.28
x171.03	x172.79	x172.06	x173.56		

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	1931	1932	1933	1934	1935
January	1,488,721	1,413,918	1,396,661	1,725,264	2,012,742
February	1,338,988	1,325,133	1,299,580	1,614,425	1,803,446
March	1,417,558	1,388,697	1,371,060	1,797,334	1,943,554
April	1,411,090	1,329,489	1,296,805	1,697,909	1,881,028
May	1,365,786	1,271,015	1,349,942	1,830,820	1,923,071
June	1,289,828	1,198,232	1,370,901	1,708,632	1,816,250
July	1,251,323	1,155,581	1,442,657	1,621,314	1,791,543
August	1,256,149	1,230,220	1,508,216	1,676,865	1,851,153
September	1,288,413	1,279,140	1,489,322	1,627,289	1,919,214
October	1,428,342	1,390,144	1,617,608	1,853,226	2,162,569
Sub Total	13,536,198	12,981,569	14,142,752	17,153,078	19,104,570
November	1,415,020	1,448,227	1,702,363	1,953,512	
December	1,432,182	1,433,191	1,707,886	2,052,940	
TOTAL	16,383,400	15,862,987	17,553,001	21,159,530	

EXPORTS TO THE UNITED STATES

January	162,443	61,767	48,018	100,485	113,878
February	145,498	52,422	46,440	102,151	109,524
March	127,985	55,414	45,343	112,115	103,956
April	97,677	54,982	35,272	63,105	97,475
May	86,824	51,354	42,874	111,000	94,256
June	88,602	64,864	86,673	113,640	107,994
July	95,085	59,015	119,192	105,866	93,348
August	99,781	69,192	109,592	115,988	130,305
September	93,288	71,500	122,907	107,114	x142,177
October	95,423	50,737	127,243	107,122	146,530
Sub Total	1,092,606	591,247	783,554	1,038,586	1,139,443
November	73,357	35,023	106,457	99,714	
December	69,362	41,610	99,353	110,508	
TOTAL	1,235,325	667,880	989,364	1,248,808	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,179,856	1,130,430	1,062,447	1,225,962	x1,354,033
February	1,052,887	1,056,607	960,342	1,127,664	x1,203,481
March	1,143,625	1,094,779	1,024,147	1,252,827	x1,336,822
April	1,122,294	1,016,348	970,017	1,160,066	x1,274,495
May	1,125,041	999,749	1,023,979	1,261,178	x1,309,800
June	1,072,893	932,648	1,019,082	1,176,141	x1,249,692
July	1,039,037	902,740	1,056,634	1,172,789	x1,274,963
August	1,036,736	950,994	1,111,397	1,209,774	x1,311,538
September	1,068,277	990,920	1,117,383	1,192,695	x1,323,700
October	1,148,387	1,060,554	1,198,720	1,313,033	1,452,931
Sub Total	10,989,033	10,135,769	10,544,148	12,092,129	13,091,455
November	1,132,312	1,123,982	1,204,309	1,315,837	
December	1,154,705	1,099,017	1,206,780	1,372,056	
TOTAL	13,276,050	12,358,768	12,955,237	14,780,022	

x - Revised.