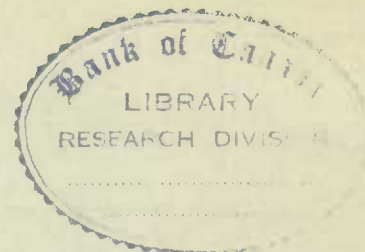


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No. 9

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## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

SEPTEMBER, 1935

Central electric stations in Canada produced 1,919,214,000 kilowatt hours during September, which was by far the largest September output on record, and the index number adjusted for seasonal variations reached a new high point of 195.91; the previous record was 192.28 made in August.

Compared with 1934 records, the total output increased by 17.9 per cent, or 291,925,000 kilowatt hours. This increase was made up of increases in exports to the United States of 35,061,000 kilowatt hours, or from 107,114,000 to 142,175,000 kilowatt hours, in deliveries to electric boilers of 116,986,000 kilowatt hours or from 327,480,000 to 444,466,000 kilowatt hours, and in lighting and power consumptions and line losses of 139,878,000 kilowatt hours, or from 1,192,695,000 to 1,332,573,000 kilowatt hours. This last, which for the sake of brevity we call the consumption of firm power in Canada, was an increase of 11.7 per cent and in a general way it indicates the relative industrial activity in Canada. The index number was slightly lower than the peak made in August, declining from 173.83 to 173.21; the fifth Sunday in September would have a lowering effect.

The consumption of firm power in Quebec increased from 403,020,000 to 468,922,000 kilowatt hours, or 16.3 per cent, in Ontario from 504,218,000 to 561,190,000 kilowatt hours, or 11.3 per cent, in the Maritime Provinces from 53,548,000 to 57,706,000 kilowatt hours, or 7.8 per cent, in the Prairie Provinces from 110,910,000 to 119,570,000 kilowatt hours, or 7.8 per cent, and in British Columbia from 120,999,000 to 125,185,000 kilowatt hours, or 3.5 per cent.

21/10/35

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>						
Sept. 1935	1,888,013	44,442	1,045,369	546,865	124,220	127,117
Aug. 1935	x1,820,892	49,761	x1,003,785	x529,590	107,891	129,865
Sept. 1934	1,597,283	40,557	852,236	472,978	109,400	122,112
<u>Generated by Fuel</u>						
Sept. 1935	31,201	15,963	263	38	14,849	88
Aug. 1935	30,261	15,680	283	46	14,154	98
Sept. 1934	30,006	15,403	...	30	14,480	93
<u>Total Output</u>						
Sept. 1935	1,919,214	60,405	1,045,632	546,903	139,069	127,205
Aug. 1935	x1,851,153	65,441	x1,004,068	x529,636	122,045	129,963
Sept. 1934	1,627,289	55,960	852,236	473,008	123,880	122,205
<u>Total to Date</u>						
1935	16,942,001	588,064	9,180,264	4,878,165	1,173,861	1,121,647
1934	15,299,852	556,593	8,147,973	4,475,990	1,069,909	1,049,387
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
Sept. 1935	1,777,039	59,125	801,004	650,675	140,719	125,516
Aug. 1935	x1,720,848	64,160	x766,772	x637,955	123,618	128,343
Sept. 1934	1,520,175	54,865	646,469	572,792	124,918	121,131
<u>Total to Date</u>						
1935	15,949,093	576,592	7,146,481	5,930,914	1,187,018	1,108,088
1934	14,363,388	546,544	6,365,290	5,337,583	1,081,755	1,037,216

INDEX NUMBERS

	January	February	March	April	May	June
						TOTAL
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	x191.57	186.90	189.13	191.43	191.74	x190.77
					<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	x166.58	x162.57	x168.63	x168.71	x169.88	x169.04

<sup>1/</sup> 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>					
62,934	1,481	34,846	18,229	4,141	4,237
58,738	1,605	x32,380	17,084	3,480	4,189
53,243	1,352	28,409	15,766	3,647	4,070
1,040	532	9	1	495	3
976	506	9	1	457	3
1,000	513	..	1	483	3
63,974	2,013	34,855	18,230	4,636	4,240
59,714	2,111	x32,389	17,085	x3,937	4,192
54,243	1,865	28,408	15,767	4,130	4,073
62,059	2,154	33,627	17,869	4,300	4,109
56,043	2,039	29,846	16,395	3,919	3,844
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
444,466	1,419	332,082	89,485	21,149	331
401,481	1,892	299,914	88,434	10,903	338
327,480	1,317	243,449	68,574	14,003	132
4,213,111	26,606	3,097,331	898,069	187,684	3,421
3,589,291	27,398	2,731,995	673,448	155,082	1,368

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
152.17	156.66	152.03	151.51	<u>160.31</u>	159.11
171.02	174.18	166.11	173.57	<u>183.96</u>	<u>191.26</u>
188.98	192.28	<u>195.91</u>			
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
141.74	<u>146.43</u>	145.24	143.19	144.84	142.73
157.32	<u>159.39</u>	155.03	156.85	158.25	<u>162.28</u>
172.62	<u>173.83</u>	173.21			

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	<u>1,488,721</u>	1,413,918	1,396,661	1,725,264	<u>2,012,742</u>
February	<u>1,338,988</u>	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	1,239,828	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	x1,851,153
September	<u>1,288,413</u>	<u>1,279,140</u>	<u>1,489,322</u>	<u>1,627,289</u>	<u>1,919,214</u>
Sub total	<u>12,107,856</u>	<u>11,591,425</u>	<u>12,525,144</u>	<u>15,299,852</u>	<u>16,942,001</u>
October	1,428,342	1,390,144	1,617,608	1,853,226	
November	1,415,020	<u>1,448,227</u>	1,702,363	1,953,512	
December	1,432,182	<u>1,433,191</u>	<u>1,707,886</u>	<u>2,052,940</u>	
TOTAL	<u>16,383,400</u>	<u>15,862,987</u>	<u>17,553,001</u>	<u>21,159,530</u>	
EXPORTS TO THE UNITED STATES					
January	<u>162,443</u>	61,767	48,018	100,485	113,878
February	<u>145,498</u>	52,422	46,440	102,151	109,524
March	<u>127,985</u>	55,414	45,343	112,115	103,956
April	<u>97,677</u>	54,982	35,272	63,105	97,475
May	<u>86,824</u>	51,354	42,874	111,000	94,256
June	<u>88,602</u>	64,864	86,673	113,640	107,994
July	<u>95,085</u>	59,015	119,192	105,866	93,348
August	<u>99,781</u>	69,192	109,592	<u>115,988</u>	x130,305
September	<u>93,288</u>	<u>71,500</u>	122,907	<u>107,114</u>	<u>142,175</u>
Sub total	<u>997,183</u>	<u>540,510</u>	<u>656,311</u>	<u>931,464</u>	<u>992,911</u>
October	<u>95,423</u>	<u>50,737</u>	<u>127,243</u>	<u>107,122</u>	
November	<u>73,357</u>	<u>35,023</u>	<u>106,457</u>	<u>99,714</u>	
December	<u>69,362</u>	<u>41,610</u>	<u>99,353</u>	<u>110,508</u>	
TOTAL	<u>1,235,325</u>	<u>667,880</u>	<u>989,364</u>	<u>1,248,808</u>	
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	<u>1,179,856</u>	<u>1,130,430</u>	1,062,447	1,225,962	x1,363,198
February	<u>1,052,887</u>	<u>1,056,607</u>	960,342	1,127,664	x1,214,082
March	<u>1,143,625</u>	<u>1,094,779</u>	1,024,147	1,252,827	x1,348,493
April	<u>1,122,294</u>	<u>1,016,348</u>	970,017	1,160,066	x1,286,532
May	<u>1,125,041</u>	999,749	1,023,979	1,261,178	x1,323,255
June	<u>1,072,893</u>	932,648	1,019,082	1,176,141	x1,261,648
July	<u>1,039,037</u>	902,740	1,056,634	1,172,789	x1,286,833
August	<u>1,036,736</u>	950,994	1,111,397	1,209,774	x1,319,367
September	<u>1,068,277</u>	<u>990,920</u>	<u>1,117,383</u>	<u>1,192,695</u>	<u>1,332,573</u>
Sub total	<u>9,840,646</u>	<u>9,075,215</u>	<u>9,345,423</u>	<u>10,779,096</u>	<u>11,735,981</u>
October	<u>1,148,387</u>	<u>1,060,554</u>	<u>1,198,720</u>	<u>1,313,033</u>	
November	<u>1,132,312</u>	<u>1,123,982</u>	<u>1,204,309</u>	<u>1,315,837</u>	
December	<u>1,154,705</u>	<u>1,099,017</u>	<u>1,206,780</u>	<u>1,372,056</u>	
TOTAL	<u>13,276,050</u>	<u>12,358,768</u>	<u>12,955,237</u>	<u>14,780,022</u>	

x - Revised.