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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JULY, 1938

The output of central electric stations for July amounted to 1,987,754,000 kilowatt hours, as against 1,973,155,000 kilowatt hours for June, and the index number rose from 209.82 to 212.27.<sup>1</sup> The consumption of firm power also increased from 1,457,978,000 kilowatt hours in June to 1,467,918,000 kilowatt hours and the index number rose to a new high for the year to 196.91, as against 196.22 for March, the previous peak, and 195.35 for June. Deliveries of secondary power to electric boilers amounted to 360,488,000 kilowatt hours, as against 356,864,000 kilowatt hours for June. Exports to the United States increased from 158,313,000 kilowatt hours in June to 159,348,000, but were 2.9 per cent below July 1937 exports.

Compared with July 1937 data, total production was down by 200,301,000 kilowatt hours, or 9 per cent, deliveries of secondary power to electric boilers decreased by 153,146,000 kilowatt hours, or 30 per cent, and consumption of firm power (including losses) decreased by 42,447,000 kilowatt hours, or 2.8 per cent.

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>						
July, 1938	1,954,439	57,103	1,029,639	579,540	127,310	160,847
June, 1938	1,939,562	59,274	1,018,653	585,107	128,218	148,310
July, 1937	2,147,462	55,471	1,089,338	725,263	126,101	151,289
<u>Generated by Fuel</u>						
July, 1938	33,315	14,210	323	20	18,638	124
June, 1938	33,593	14,803	308	22	18,345	115
July, 1937	40,593	21,421	315	25	18,733	99
<u>Total Output</u>						
July, 1938	1,987,754	71,313	1,029,962	579,560	145,948	160,971
June, 1938	1,973,155	74,077	1,018,961	585,129	146,563	148,425
July, 1937	2,188,055	76,892	1,089,653	725,288	144,834	151,388
<u>Total to Date</u>						
1938	14,702,793	488,633	7,707,952	4,236,408	1,160,171	1,109,629
1937	15,944,187	543,544	8,365,358	4,919,829	1,162,148	953,508
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
July, 1938	1,828,406	70,197	795,707	655,699	147,383	189,420
June, 1938	x 1,814,842	72,917	789,703	657,336	148,136	x 146,750
July, 1937	2,023,999	75,900	919,838	732,140	146,322	149,799
<u>Total to Date</u>						
1938	13,669,667	479,480	6,027,162	4,893,945	1,170,378	1,098,702
1937	14,850,525	534,488	6,945,826	5,255,353	1,172,649	942,209

INDEX NUMBERS

	January	February	March	April	May	June	TOTAL
1936	201.54	196.42	210.40	223.02	210.30	215.76	
1937	223.35	225.22	237.66	239.32	232.28	239.83	
1938	219.73	215.88	222.48	212.63	210.15	209.82	
OUTPUT LESS EXPORTS AND							
1936	172.69	167.92	173.51	177.51	176.07	181.29	
1937	180.22	180.02	191.69	198.08	195.08	200.48	
1938	189.89	191.82	196.22	193.72	192.93	195.35	

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>					
63,047	1,842	33,214	18,695	4,107	5,189
64,652	1,976	33,955	19,503	4,274	4,944
69,273	1,789	35,140	23,396	4,068	4,880
1,074	458	10	1	601	4
1,120	493	10	1	612	4
1,309	691	10	1	604	3
64,121	2,300	33,224	18,696	4,708	5,193
65,772	2,469	33,965	19,504	4,886	4,948
70,582	2,480	35,150	23,397	4,672	4,883
69,353	2,305	36,358	19,983	5,473	5,234
75,209	2,564	39,459	23,207	5,482	4,497
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
(3)				(4)	
360,488	10,500	266,520	67,007	16,229	232
356,864	11,174	270,482	59,710	15,190	308
513,634	2,195	411,041	79,413	20,513	472
3,208,027	45,816	2,396,002	518,579	245,361	2,269
4,461,737	25,028	3,549,054	614,608	269,505	3,542

(AVERAGE 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
215.84	212.47	210.97	216.25	215.65	219.36
233.67	231.12	227.81	224.27	230.21	231.83
212.27					
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
182.36	182.71	184.29	183.13	178.22	179.39
202.60	203.38	204.53	197.80	196.34	192.73
196.91					

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	1934	1935	1936	1937	1938
January	1,725,264	2,012,742	2,091,497	2,317,906	2,280,353
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,598
March	1,797,334	1,943,555	2,135,640	2,412,259	2,258,197
April	1,697,909	1,881,029	2,164,628	2,322,884	2,063,801
May	1,830,820	1,923,071	2,083,363	2,301,167	2,081,935
June	1,708,632	1,816,250	2,028,980	2,255,338	1,973,155
July	1,621,314	1,791,544	2,021,147	2,188,055	1,987,754
<u>Sub Total</u>	<u>11,995,698</u>	<u>13,171,638</u>	<u>14,464,233</u>	<u>15,944,187</u>	<u>14,702,793</u>
August	1,676,865	1,851,153	2,020,416	2,197,725	
September	1,627,289	1,919,213	2,041,423	2,204,291	
October	1,853,226	2,162,569	2,280,508	2,365,052	
November	1,953,512	2,143,314	2,261,979	2,414,676	
December	2,052,940	2,156,525	2,325,733	2,457,996	
<b>TOTAL</b>	<b>21,159,530</b>	<b>23,404,412</b>	<b>25,394,292</b>	<b>27,585,927</b>	

EXPORTS TO THE UNITED STATES

January	100,485	113,878	118,050	134,931	157,532
February	102,151	109,524	110,684	138,041	123,094
March	112,115	103,957	125,921	172,695	144,091
April	63,105	97,475	125,496	164,250	135,616
May	111,000	94,256	130,530	161,033	155,292
June	113,640	107,994	157,871	158,657	x 158,313
July	105,856	93,348	157,542	164,057	159,348
<u>Sub Total</u>	<u>708,352</u>	<u>720,432</u>	<u>926,094</u>	<u>1,093,650</u>	<u>1,033,286</u>
August	115,988	130,305	143,342	162,617	
September	107,114	142,177	125,127	143,441	
October	107,122	146,530	129,323	142,736	
November	99,714	112,305	126,152	145,549	
December	110,508	112,838	128,070	159,095	
<b>TOTAL</b>	<b>1,248,798</b>	<b>1,364,587</b>	<b>1,578,109</b>	<b>1,847,100</b>	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,216,922	1,344,646	1,413,216	1,474,787	1,553,946
February	1,117,047	1,193,820	1,298,872	1,344,387	1,432,541
March	1,239,377	1,321,545	1,387,512	1,532,912	1,569,139
April	1,141,203	1,267,776	1,353,605	1,510,508	1,477,217
May	1,244,982	1,304,893	1,371,404	1,519,545	1,502,741
June	1,158,889	1,245,659	1,353,080	1,496,283	x 1,457,978
July	1,159,301	1,270,867	1,359,445	1,510,365	1,467,918
<u>Sub Total</u>	<u>8,277,721</u>	<u>8,949,206</u>	<u>9,537,136</u>	<u>10,387,787</u>	<u>10,461,480</u>
August	1,191,218	1,306,710	1,386,797	1,543,699	
September	1,173,190	1,317,312	1,417,821	1,573,502	
October	1,290,580	1,415,896	1,533,075	1,655,879	
November	1,292,686	1,394,955	1,481,813	1,632,494	
December	1,348,205	1,411,097	1,516,702	1,629,452	
<b>TOTAL</b>	<b>14,573,600</b>	<b>15,795,176</b>	<b>16,873,342</b>	<b>18,423,813</b>	

x = revised.