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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

OCTOBER, 1938

Central electric stations produced 2,329,428,000 kilowatt hours in October and 2,163,645,000 kilowatt hours in September. The increase was slightly less than the usual seasonal increase and the index number dropped from 223.61 to 220.89. The output a year ago was 2,365,052,000 kilowatt hours. The decrease of 35,624,000 kilowatt hours was mainly in secondary power delivered to electric boilers which declined from 566,436,000 kilowatt hours in 1937 to 539,236,000 kilowatt hours, or by 27,200,000 kilowatt hours.

Exports to the United States increased from 142,736,000 kilowatt hours in October, 1937, to 165,455,000 kilowatt hours, exports of surplus or off-peak power increasing from 24,739,000 kilowatt hours to 45,074,500 kilowatt hours.

The consumption of firm power increased from 1,530,546,000 kilowatt hours in September to 1,624,738,000 kilowatt hours, which also was less than the usual seasonal increase, and the index number dropped from 198.95 to 194.08, or by 2.4 per cent.

Decrease in power taken by the pulp and paper mills was undoubtedly the chief factor in the decreased output. The production of newsprint paper was down by 19 per cent in October, compared with last year's production. These mills take around 70 to 80 per cent of the secondary power and around 25 per cent of the firm power delivered in Canada.

22/11/38

Price 50 cents per Year

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., 1938	2,287,486	61,232	1,228,750	665,449	162,996	169,059
Sept., 1938	2,123,778	58,140	1,135,316	628,387	140,530	161,405
Oct., 1937	2,318,805	56,076	1,205,409	723,352	167,898	166,070
<u>Generated by Fuel</u>						
Oct., 1938	41,942	16,687	370	...	23,700	1,185
Sept., 1938	39,867	15,793	349	...	21,652	2,073
Oct., 1937	46,247	23,906	331	35	21,776	199
<u>Total Output</u>						
Oct., 1938	2,329,428	77,919	1,229,120	665,449	186,696	170,244
Sept., 1938	2,163,645	73,933	1,135,665	628,387	162,182	163,478
Oct., 1937	2,365,052	79,982	1,205,740	723,387	189,674	166,269
<u>Total to Date</u>						
1938	21,268,733	714,585	11,158,497	6,124,321	1,655,928	1,615,402
1937	22,711,255	782,260	11,782,366	7,041,637	1,662,587	1,442,405
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Oct., 1938	2,163,974	76,490	975,057	755,609	188,125	168,693
Sept., 1938	2,011,954	72,493	894,098	719,821	163,479	162,063
Oct., 1937	2,222,315	78,502	992,097	795,877	191,156	164,683
<u>Total to Date</u>						
1938	19,768,969	701,211	8,741,799	7,055,710	1,670,457	1,599,792
1937	21,168,797	769,592	9,747,248	7,547,881	1,677,373	1,426,703
<u>INDEX NUMBERS</u>						
	January	February	March	April	May	June
						<u>TOTAL</u>
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	x 219.82	215.88	222.48	212.63	210.15	209.82
<u>OUTPUT LESS EXPORTS AND</u>						
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	x 190.01	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>			
	73,790	1,975	39,637	21,466	5,258	5,454
	70,792	1,938	37,844	20,946	4,684	5,380
	74,800	1,809	38,884	23,334	5,416	5,357
	1,353	538	12	...	765	38
	1,329	526	12	...	722	69
	1,492	771	11	1	703	6
	75,143	2,513	39,649	21,466	6,023	5,492
	72,121	2,464	37,856	20,946	5,406	5,449
	76,292	2,580	38,895	23,335	6,119	5,363
	69,963	2,351	36,705	20,146	5,447	5,314
	74,708	2,573	38,758	23,163	5,469	4,745
			<u>DELIVERIES TO ELECTRIC BOILERS</u>			
		(3)			(4)	
	539,236	4,156	407,022	87,965	39,769	324
	481,407	7,311	363,093	84,658	26,073	272
	566,436	2,532	447,539	69,880	45,988	497
	4,638,834	66,835	3,470,700	769,348	328,807	3,144
	6,006,930	32,607	4,772,850	830,772	365,660	5,041
(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
	212.28	217.88	<u>223.61</u>	220.89		
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	182.36	182.71	184.29	183.13	178.22	179.39
	202.60	203.38	<u>204.53</u>	197.80	196.34	192.73
	196.91	<u>199.24</u>	198.95	194.08		

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	x 2,281,299
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	1,987,774
August	1,676,865	1,851,153	2,020,416	2,197,725	2,071,901
September	1,627,289	1,919,213	2,041,423	2,204,291	2,163,645
October	1,853,226	2,162,569	2,280,508	2,365,052	2,329,428
Sub Total	17,153,078	19,104,573	20,806,580	22,711,255	21,268,733
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	
TOTAL	21,159,530	23,404,412	25,394,292	27,583,927	

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	158,313
July	105,856	93,348	157,543	164,057	159,349
August	115,988	130,305	143,342	162,617	149,493
September	107,114	142,177	125,127	143,441	151,691
October	107,122	146,530	129,323	142,736	165,455
Sub Total	1,038,576	1,139,444	1,323,885	1,542,458	1,499,926
November	99,714	112,305	126,152	145,549	
December	110,508	112,838	128,070	159,093	
TOTAL	1,248,798	1,364,587	1,578,109	1,847,100	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,216,922	1,344,646	1,413,216	1,474,787	x 1,554,892
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	1,457,978
July	1,159,301	1,270,867	1,359,445	1,510,365	1,467,938
August	1,191,218	1,306,710	1,386,797	1,543,699	1,512,244
September	1,173,190	1,317,312	1,417,821	1,573,502	1,530,546
October	1,290,580	1,415,896	1,533,075	1,655,879	1,624,738
Sub Total	11,932,709	12,989,124	13,874,829	15,161,867	15,129,974
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	
TOTAL	14,573,600	15,795,176	16,873,342	18,423,813	

x - Revised.