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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

NOVEMBER, 1938

The output of central electric stations reached a new high for the year in November at 2,374,993,000 kilowatt hours and the index, adjusted for seasonal variations, also was the highest for the year at 226.42, as compared with the previous record of 223.61 for September and 220.89 for October.

Exports to the United States at 165,300,000 kilowatt hours were exceeded this year only by the October exports of 165,455,000 kilowatt hours and were the heaviest November exports on record.

Deliveries of secondary power to boilers amounted to 596,146,000 kilowatt hours, an increase over October deliveries of 10.5 per cent, but 6.4 per cent below November 1937 deliveries. This decrease from last year's was practically all in Quebec with a decrease of 53,116,000 kilowatt hours, or 10.7 per cent. British Columbia showed a decrease of 249,000 kilowatt hours, but in the other divisions heavier deliveries were recorded.

The consumption of firm power, i.e., the output less exports to the United States and secondary power delivered to boilers, amounted to 1,613,548,000 kilowatt hours and the index number at 194.06 was slightly below October's and 2.28 points below the November, 1937, index.

22/12/38

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>							
Nov., 1938	2,333,825	61,652	1,286,397	649,454	176,290	160,032	
Oct., 1938	2,287,486	61,232	1,228,750	665,449	162,996	169,059	
Nov., 1937	2,366,634	55,952	1,252,873	721,545	170,711	165,553	
<u>Generated by Fuel</u>							
Nov., 1938	41,168	16,293	373	...	24,169	333	
Oct., 1938	41,942	16,687	370	...	23,700	1,185	
Nov., 1937	48,041	24,723	355	30	22,773	160	
<u>Total Output</u>							
Nov., 1938	2,374,993	77,945	1,286,770	649,454	200,459	160,365	
Oct., 1938	2,329,428	77,919	1,229,120	665,449	186,696	170,244	
Nov., 1937	2,414,675	80,675	1,253,228	721,575	193,484	165,713	
<u>Total to Date</u>							
1938	23,643,726	792,530	12,445,267	6,773,775	1,856,387	1,775,767	
1937	25,125,930	862,935	13,035,594	7,763,212	1,856,071	1,608,118	
<u>PROVINCIAL CONSUMPTIONS 1/</u>							
Nov., 1938	2,209,694	76,581	1,009,897	762,522	201,940	158,754	
Oct., 1938	x 2,163,973	76,490	975,057	755,609	188,125	x 168,692	
Nov., 1937	2,269,127	79,165	1,039,336	791,536	195,045	164,045	
<u>Total to Date</u>							
1938	21,978,662	777,792	9,751,696	7,818,232	1,872,397	1,758,545	
1937	23,437,924	848,757	10,786,584	8,339,417	1,872,418	1,590,748	
<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	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	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>				
	77,794	2,055	42,880	21,649	5,876	5,334
	73,790	1,975	39,637	21,466	5,258	5,454
	78,887	1,865	41,762	24,052	5,690	5,518
	1,372	543	12	...	806	11
	1,353	538	12	...	765	38
	1,601	824	12	1	759	5
	79,166	2,598	42,892	21,649	6,682	5,345
	75,143	2,513	39,649	21,466	6,023	5,492
	80,488	2,689	41,774	24,053	6,449	5,523
	70,790	2,373	37,261	20,281	5,558	5,317
	75,227	2,583	39,029	23,243	5,557	4,815
		<u>DELIVERIES TO ELECTRIC BOILERS</u>				
		(3)			(4)	
	596,146	7,042	441,513	94,086	53,205	300
	539,236	4,156	407,022	87,965	39,769	324
	636,633	2,962	494,629	85,523	52,970	549
	5,234,980	73,877	3,912,213	863,434	382,012	3,444
	6,643,563	35,569	5,267,479	916,295	418,630	5,590
(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	223.61	220.89	<u>226.42</u>	
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	182.36	182.71	<u>184.29</u>	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	194.06	

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	2,281,299
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
November	1,953,512	2,143,314	2,261,979	2,414,676	2,374,993
Sub Total	19,106,590	21,247,887	23,068,559	25,125,931	23,643,726
December	<u>2,052,940</u>	2,156,525	<u>2,325,733</u>	<u>2,457,996</u>	
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	<u>172,695</u>	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	<u>157,871</u>	158,657	158,313
July	105,856	93,348	157,543	164,057	159,349
August	<u>115,988</u>	130,305	143,342	162,617	149,493
September	107,114	142,177	125,127	143,441	151,691
October	107,122	<u>146,530</u>	129,323	142,736	165,455
November	99,714	112,305	126,152	145,549	165,300
Sub Total	1,138,290	1,251,749	1,450,039	1,688,007	1,665,226
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	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	<u>1,415,896</u>	<u>1,533,075</u>	<u>1,655,879</u>	1,624,738
November	1,292,686	1,394,955	1,481,813	1,632,494	1,613,548
Sub Total	13,225,395	14,384,079	15,356,642	16,794,361	16,743,522
December	<u>1,348,205</u>	1,411,097	1,516,702	1,629,452	
TOTAL	14,573,600	15,795,176	16,873,342	18,423,813	