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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

FEBRUARY, 1938

Deliveries of secondary power to electric boilers during February declined from 664,150,000 kilowatt hours in 1937 to 513,451,000 kilowatt hours, or by 23 per cent. Exports to the United States also declined from 138,041,000 kilowatt hours to 123,095,000 kilowatt hours, or by 11 per cent. This decrease in exports was practically all in off-peak and surplus power. These decreases reduced the total output from 2,146,573,000 kilowatt hours in February 1937 to 2,057,604,000 kilowatt hours, or by 4.1 per cent, and the index number dropped from 225.22 for February, 1937, and 219.73 for January, 1938, to 215.33.

The consumption of firm power, however, rose from 1,344,387,000 kilowatt hours in February last year to 1,421,059,000 kilowatt hours, or by 5.7 per cent, and the index number, adjusted for seasonal variations, rose from 180.02 for February, 1937, and 189.89 for January, 1938, to 190.28.

The pulp and paper mills show a reduction in production of around 26 per cent in February. These mills take about two-thirds of the secondary power delivered by central electric stations for electric boilers and around 25 to 30 per cent of the firm power. It is quite probable these mills reduced their consumption of electric energy by around 26 per cent and, if they did, the consumption of firm power by other industries and for lighting and residential uses increased by 11 to 12 per cent over the February, 1937, consumption.

22/3/38

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>						
Feb., 1938	2,020,791	52,434	1,098,003	572,810	149,448	148,096
Jan., 1938	x2,242,029	53,134	x1,193,628	660,634	166,734	167,899
Feb., 1937	2,108,188	54,656	1,131,109	671,594	149,058	101,771
<u>Generated by Fuel</u>						
Feb., 1938	36,813	15,958	301	47	19,656	851
Jan., 1938	38,324	15,244	338	60	22,425	257
Feb., 1937	38,390	17,551	285	18	19,293	1,243
<u>Total Output</u>						
Feb., 1938	2,057,604	68,392	1,098,304	572,857	169,104	148,947
Jan., 1938	x2,280,353	68,378	x1,193,966	660,694	189,159	168,156
Feb., 1937	2,146,578	72,207	1,131,394	671,612	168,351	103,014
<u>Total to Date</u>						
1938	4,337,957	136,770	2,292,270	1,233,551	358,263	317,103
1937	4,464,484	156,033	2,362,289	1,370,075	362,347	213,840
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Feb., 1938	1,934,509	67,198	862,704	686,658	170,559	147,390
Jan., 1938	x2,122,821	66,833	x929,151	769,637	190,563	166,637
Feb., 1937	2,008,537	70,653	965,478	701,132	169,854	101,420
<u>Total to Date</u>						
1938	4,057,330	134,031	1,791,855	1,456,295	361,122	314,027
1937	4,191,512	152,612	1,995,401	1,467,474	365,537	210,488

INDEX NUMBERS

	January	February	March	April	May	June	
						<u>TOTAL</u>	
1936	201.54	196.42	210.40	<u>223.02</u>	210.30	215.76	
1937	223.35	225.22	237.66	239.32	232.28	<u>239.83</u>	
1938	x219.73	215.88					
<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	x189.89	190.28					

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>			
	72,171	1,873	39,214	20,457	5,338	5,289
	x72,323	1,714	x38,504	21,311	5,378	5,416
	75,292	1,952	40,396	23,986	5,323	3,635
	1,315	570	11	2	702	30
	1,236	492	11	2	723	8
	1,371	627	10	1	689	44
	73,486	2,443	39,225	20,459	6,040	5,319
	x73,559	2,206	x38,515	21,313	6,101	5,424
	76,663	2,579	40,406	23,987	6,012	3,679
	73,525	2,318	38,852	20,908	6,072	5,375
	75,669	2,645	40,038	23,220	6,142	3,624
			<u>DELIVERIES TO ELECTRIC BOILERS</u>			
		(3)			(4)	
	513,451	4,503	382,936	80,241	45,385	386
	568,875	2,617	431,313	83,317	51,180	448
	664,150	3,477	529,932	81,679	48,585	477
	1,082,326	7,120	814,249	163,558	96,565	834
	1,372,338	9,812	1,087,039	171,175	103,325	987

(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
<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

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

Month	1934	1935	1936	1937	1938
January	1,725,264	2,012,742	2,091,497	2,317,906	x2,280,553
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,604
Sub Total	3,339,689	3,816,189	4,030,475	4,464,484	4,337,957
March	1,797,334	1,943,555	2,135,640	2,412,259	
April	1,697,909	1,881,029	2,164,628	2,322,884	
May	1,830,820	1,923,071	2,083,363	2,301,167	
June	1,708,632	1,816,250	2,028,980	2,255,338	
July	1,621,314	1,791,544	2,021,147	2,188,055	
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	2,280,503	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	
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	123,095
Sub Total	202,636	223,402	228,734	272,972	280,637
March	112,115	103,957	125,921	172,695	
April	63,105	97,475	125,496	164,250	
May	111,000	94,256	130,530	161,033	
June	113,640	107,994	157,871	158,657	
July	105,856	93,348	157,543	164,057	
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	159,093	
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	x1,553,946
February	1,117,047	1,193,820	1,298,872	1,344,387	1,421,059
Sub Total	2,333,969	2,538,466	2,712,088	2,819,174	2,975,005
March	1,239,377	1,321,545	1,387,512	1,532,912	
April	1,141,203	1,267,776	1,353,605	1,510,508	
May	1,244,982	1,304,893	1,371,404	1,519,545	
June	1,158,889	1,245,659	1,353,080	1,496,283	
July	1,159,301	1,270,867	1,359,445	1,510,365	
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	
TOTAL	14,573,600	15,795,176	16,873,342	18,423,813	

x - Revised.