57-001 C-2

## D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

LIBRARY

PENARCH DEPARTMENT

CENTRAL ELECTRIC STATIONS

December, 1951



HUES WITCH	To	Total Production			Consumption of Primary Power			
Nonth	1949	1950	1951	1 9 4 9	1950	1951		
		Daily	Averages					
		(Thousands o	f Kilowatt Hou	irs)				
January	119,338	131,645	154.557	109,891	122,059	140,907		
February	121,419	155,001	156,282	111,160	122,649	142,250		
Karch	126,572	155,021	158,597	116,183	122,601	141,772		
April	138,345	135,667	163,183	117,239	121,864	140,906		
Кау	137,775	142,746	165,493	115,733	122,694	142,173		
June	133,936	143,756	156,915	116,035	123,534	141,399		
July	120,320	135,504	149,323	108,461	119,824	135.640		
August	122,531	155,442	148,250	113,989	124,154	139,192		
September	125,102	137,383	146,814	116,525	128,388	138,251		
October	128,231	141,772	158,699	117,020	152,328	145,514		
November	130,483	148,598	164,543	120,979	130,088	149,024		
December	130,316	150,786	164,863	120,868	156,821	149,171		

# INDEX NUMBERS - Seasonally adjusted (Average 1935 - 1939 = 100)

January	163.8	180.3	211.3	220.5	244.4	282.1
February	163.3	181.2	210.3	222, 8	245.1	285.1
Karch	172.6	183.8	216.0	236, 8	249.3	289.0
April	194.3	190.2	229.2	243.0	252.0	292.0
Key	196.6	203.3	256.2	242.4	262.3	297.8
June	193.6	207.4	226.8	242.6	257.8	295.7
July	183.3	206.1	227.5	235.0	259.1	295.9
August	181.4	200.1	219.5	241.7	262.7	295.1
September	178.3	195.5	209.3	237.7	261.4	282.0
October	173.9	191.8	215.3	230.1	259.6	286.2
Movember	169.0	192.0	215.1	234.2	266.4	288.2
December	174.2	201.1	220.4	240.2	271.3	296.5

Month of December, 1951

	Total		a 1	Newfound- land		Prince Edward Island	
		1951	1950 (x)	1951	1950	1951	1950
A. Production - B.	Hydraulic Thermal	4,930,784 179,973	4,511,077 163,287	15,148	10,151	2,291	2,137
C. (A+B)	Total	5,110,757	4,674,364	15,148	10,904	2,299	2,145
D. (C - E)	Primary Secondary	4,764,874 345,883	4,368,623	13,148	10,904	2,299	2,145
F. Receipts from Deliveries to	m other Provinces	-	-	_	-	-	-
H. (I+J) Exports to U	.S.A Total (1)	214,272	177,836	-	-		-
I. J.	Primary Secondary	140,564 73,708	127,165 50,671	_	-	-	=
K. (C+F-G-H) Consumption	- Total	4,896,485	4,496,528	13,148	10,904	2,299	2,145
L. (K-M)	Primary Secondary	4,624,310 V 272,175	4,241,458 255,070	13,148	10,904	2,299	2,145
		Cumulative	Totals - Jamus	ry - Decem	ber		
N. Production	- Total	57,399,668	50,902,519	125,607	105,646	23,399	21,268
0. P.	Primary Secondary	53,505,490 3,894,178	47,622,633 3,279,886	125,607	105,646	23,399	21,268
Q. Receipts from R. Deliveries t	m other Provinces	-	-		-	-	-
S. Exports to U	.S.A Total (1)	2,367,744	1,924,428	-		-	-
T. U.	Primary Secondary	1,610,278 757,466	1,537,926 386,502	-	-	-	Ī
V. Consumption	- Total	55,031,924	48,978,091	125,607	105,646	23,399	21,268
W. X.	Primary Secondary	51,895,212√ 3,136,712	46,084,707 2,893,384	125,607	105,646	23,399	21,268
		Onte	rio		Manit		
A. Production -	Hydraulic Thermal	1,570,624 17,785	1,324,908	195	1,203	1950	,502
C. (A+B)	Total	1,588,409	1,334,782	24	1,205	241	506
D. (C-E)	Primary	1,452,114	1,222,469		9,316		8,699
E	Secondary	136,295	112,313		1,887		1,607
G. Deliveries t		407,353	456,193 242		1,672		1,152 1,578
	.S.A Total (1)	135,383	111,312		1		1
J.	Primary Secondary	61,675 73,708	60,653 50,659		1 -		- 1
K. (C+F-G-H) Consumption	- Total	1,859,654	1,679,421		0,885		2,879
L. (K-m) M.	Primary Secondary	1,797,067 62,587	1,617,767 61,654		28,998		1,272
		Cumulative	Totals - Janua	ry - Dece	mber		
N. Production	- Total	16,903,001	13,437,351		1,574		2,722
0. P.	Primary Secondary	15,456,602 1,446,399	12,616,676 820,675	1	4,495	1,892	2,244
Q. Receipts fro R. Deliveries t	m other Provinces	5,165,015 6,083	5,355,515 2,289		6,143		721
S. Exports to U	.S.A Total (1)	1,490,713	1,046,012		7		1
T. U.	Primary Secondary	735,360 755,353	663,596 382,416		7		_ 1
V. Consumption	- Total	20,571,220	17,744,565	2,92	8,912	2,799	9,377

<sup>(1)</sup> Net Exports.

<sup>(</sup>x) Revised to include Newfoundland.

#### REVIEW OF ELECTRIC POWER PROGRESS

#### 1951 - 1951

The past score years have seen Canada move to the forefront of the major nations of the world in the per capita production of electric power. The tremendous transformation of our industrial economy has been based on the vast amounts of hydro-electric power which have been made available at rates which are unmatched anywhere in the world. At the start of 1951 the installed capacity of the netion's hydro developments was astimated at 6,125,000 horsepower. By the end of 1951 this had risen to nearly 15,541,000 horsepower - an increase of 118 p.c. To this must be added the thermal installations in areas where water power is not sufficiently plentiful. New plants and extensions coming on line during the next four years will add some 5,400,000 horsepower to the current total. The future is indeed bright as at present only a quarter of the known hydro resources are developed. It is estimated that the total present water power output represents an effective saving equivalent to some 54,000,000 tons of coal par annum or about double Canada's annual average production of this mineral.

Reviewing 1951 we discover a year of records in production, consumption, investment, new customers and revenues; a year of improved water supply and peak demand in many areas; e year in which the sights of the industry hed to be raised for the years ahead. A number of large capacity thermal units were added. And as to the future - one quarter of the potential water power resources of Canada is harnessed and the vast reserves of natural gas, petroleum, coal, lignite, etc., assure and invite thermal plants to those areas not fevoured with ample hydro resources. The distances hydro power can be economically transmitted are being extended. More and more systems are being interconnected in the interests of national defence, to meet fluctuations in demand between ereas or other emergencies. Rural electrification is proceeding rapidly in several provinces. The coming decads promises further great expansion if materials and manpower be available. Industry is moving to even remote power sites.

Central electric stations reporting monthly to the Bureau produced a net of 57,400,000,000 kilowatt hours during 1951, an increase of 12.8 p.c. or 6,500,000,000 kilowatt hours over the previous high established in 1950. Of the 1951 total, 55,570,000,000 came from hydraulic plants while 1,830,000,000 kilowatt hours was by thermal generation. Gross exports during the year to the United States totalled 2,375,420,000 kilowatt hours, up over 23 p.c. compared with 1,925,778,000 kilowatt hours exported during 1950, but were still below exports during the war years. The Hydro-Electric Power Commission of Ontaric alone reported e record 1,575,000,000 kilowatt hours generated in December. An impressive 881,250 new horsepower was added to Canada's hydro capacity during 1951 bringing the total to 13,540,774 horsepower, including Newfoundland.

During the year all provinces showed considerably increased output over 1950. Ontario's production rose nearly 26 p.c. with the addition of several large plants. Quebec production climbed 8.4 p.c., and represented 52 p.c. of the national total, while British Columbia improved 5 p.c. and exported sizeable amounts to the Northwestern United States.

The above totals do not include the smaller plants which report annually but whose output in toto is not large, nor the power output of industries for own use, except the West Kootenay plants 2, 3, 4 and 5 sold to Consolidated Mining and Smelting in 1946 which have been kept in the monthly summary to preserve continuity.

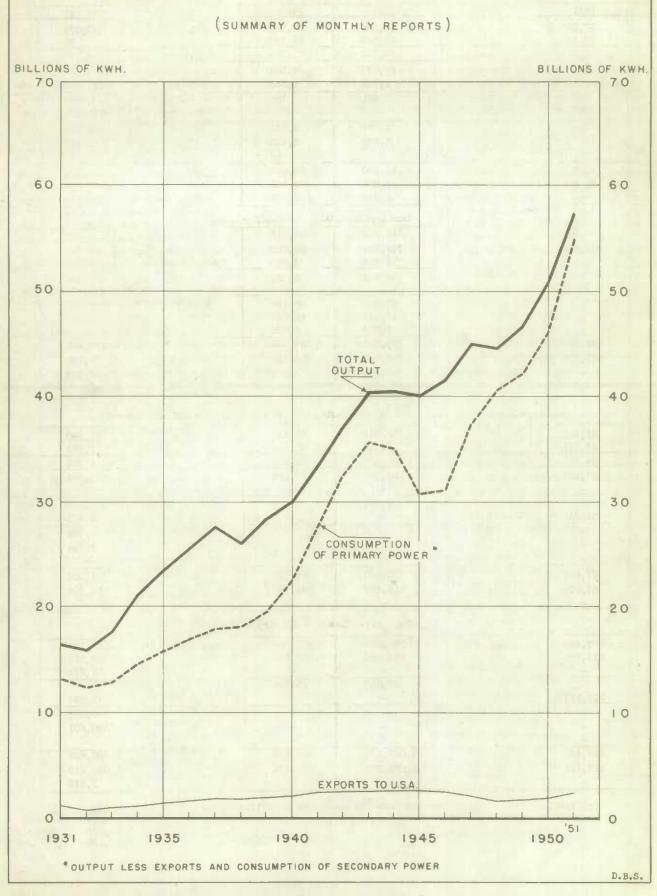
A study of the chart overleaf indicates that power output has strongly resisted the downward drag of depression years and surged forward with increasing population, industrialisation and farm electrification. The recession from 16.4 billion kw. hrs. in 1951 to 15.9 billions in 1952 was more than regained in the next two years when output rose to 21.2 billions in 1954. From then until 1943 there was a steady increase with the exception of a hesitation in 1958. The upward curve flattened off in 1944 and declined slightly in 1945 but for 1946 and 1947 it again continued to edvance. The drop in 1948 of less than one p.c. was due entirely to very light summer and autumn precipitation over eastern Canada, resulting in a run off some 40 p.c. below the 25 year average. This necessitated restrictions on power use in Ontario, both during 1948 and into 1949, but national output again pointed upward in the latter year, and forward to a new peak in the year just ended at nearly 57.4 billion kilowatt hours. The increase from 1951 et 16.4 billion kilowatt hours was thus 41.0 billion, or 250 p.c. The industry took the loss of several heavy consuming electric street railways in its stride as many transit systems were converted to motor bus operation during the period charted.

The consumption of primary power, which is computed by deducting exports and consumption of sacondary power from the total output (and consequently includes the line losses), followed output quite closely up to 1935 when the market for secondary power and the station capacity permitted larger sales of secondary power. For the following 6 years this secondary power output, which is used principally in steam boilers, continued heavy but with the imperative demand for firm power for use in plants producing munitions of war, it was reduced and the primary power consumption steadily approached the total output. With the easing of war requirements late in 1944 and still more so in 1945, primary power consumption dropped from 35.7 billion kilowatt hours in 1943 to 35.1 billions in 1944 and 30.8 billions in 1945. There was a steady rise, however, to 37.4 billions in 1947, 40.6 billions in 1948, 42.1 billions in 1949, 46 billions in 1950 and to 51.9 billions in 1951.

Secondary power is power delivered to the consumer as and when it is available. It is interruptable and in Canada the greeter part of it is used by pulp and paper mills in electric boilers where short interruptions can be tolerated. Power stations on rivers, which are not regulated, such as the Niagara and St. Lawrence, are able to produce many more kilowatt hours with the equipment and water available when they have customers ready to eccept secondary power. Thus, at night when the demand for firm power falls off, water, which otherwise would be wasted, can be used to produce secondary power. But in times of power shortages, such as were experienced in the closing months of 1948 and 1949, some industries changed their operating schedules to take advantage of the low consumption periods during the night and weekends and thus used power which normally would be sold as secondary or surplus. Consequently the retio of secondary power to total output was 13.9 p.c. in 1947 and declined to 5.9 p.c. in 1948, and rose to 6.9 p.c. in 1949 as conditions eased slightly with the addition of new plants and better rainfall. However, heavy primary demand during 1950 reduced the percentage to under 6.5 p.c., which recovered to 6.8 p.c. in 1951.

Transportation Section
Public Finance and Transportation Division
Dominion Rureau of Statistics

### OUTPUT OF CENTRAL ELECTRIC STATIONS



Nova	Nova Scotia		unswick	Quebec			
1951	1950	1951	1950	1951	1950 (x)		
57,057	41,930	45,089	40,962	2,500,636	2,403,079	1.	
43,561	51,526	23,332	19,787	129	80		
80,618	73,256	68,421	60,749	2,500,765	2,403,159		
80,618	73,256	66,575	59,204	2,344,910	2,272,883		
_	-	1,846	1,545	155,855	130,276		
	_	871	785	725	242		
-	- 1	-	-	396,552	445,400		
-	-	3,752	3,532	51,331	53,397		
		3,752	5,520	51,331	53,597		
-	_	0 -	12	-	-		
80,618	73,256	65,540	58,002	2,053,607	1,904,604		
80,618	73,256	65,694	56,469	1,897,752	1,774,528		
_		1,846	1,535	155,855	150,276		
			otals - January				
075 800	1 70% 900				05 455 500	-	
875,380	763,869	756,929	696,218	29,791,550	27,475,570	1	
875,580	763,869	746,836	686,220	27,910,945	25,588,067		
_	***	10,093	9,998	1,880,607	1,887,503		
-	-	9,546	9,030	6,085	2,289		
-	-	-	-	5,025,763	5,210,480	+	
-	-	49,560	46,126	646,895	641,688		
-	100	47,447	42,040	646,893	641,688		
-	-	2,113	4,086	-	-		
875,380	763,869	716,915	659,122	24,124,977	21,625,691	,	
010,000							
875,580	763,869	708,935 7,980	653,210 5,912	22,244,370 1,880,607	19,738,188		
	763,869	708,935	653,210 5,912	22,244,370			
875,580 - Saskat	763,869 -	708,935 7,980	653,210 5,912 erta (x)	22,244,370 1,880,607 British	1,887,503		
875,580 - Saskat 51,355	763,869 - chewan 44,152	708,935 7,980 Alb	653,210 5,912 erta (x) 34,455	22,244,370 1,880,607 British 404,871	1,887,503 Columbia 371,150		
875,580 - Saskat 51,355 47,924	763,869 - chewan 44,152 41,033	708,935 7,980 Alb 66,793 35,715	653,210 5,912 erta (x) 34,455 50,654	22,244,370 1,880,607 British 404,871 9,236	1,887,503  Columbia  571,150 7,619		
875,580 - Saskat 51,355 47,924 99,279	763,869 - chewan 44,152 41,033 85,185	708,935 7,980 Alb 66,793 35,715 102,508	653,210 5,912 erta (x) 34,455 50,654 85,109	22,244,370 1,880,607 British 404,871 9,236 414,107	1,887,505  Columbia  \$71,150     7,619     378,769		
875,580 - Saskat 51,355 47,924	763,869 - chewan 44,152 41,033	708,935 7,980 Alb 66,793 35,715	653,210 5,912 erta (x) 34,455 50,654	22,244,370 1,880,607 British 404,871 9,236	1,887,503  Columbia  571,150 7,619		
875,580 - Saskat 51,355 47,924 99,279	763,869 - chewan 44,152 41,033 85,185	708,935 7,980 Alb 66,793 35,715 102,508 102,508	653,210 5,912 erta (x) 34,455 50,654 85,109 85,109	22,244,370 1,880,607 British 404,871 9,236 414,107	1,887,505  Columbia  \$71,150     7,619     378,769		
Saskat 51,355 47,924 99,279 99,279	763,869 - chewan 44,152 41,033 85,185 85,185	708,935 7,980 Alb 66,793 35,715 102,508	653,210 5,912 erta (x) 34,455 50,654 85,109	22,244,370 1,880,607 British 404,871 9,236 414,107 414,107	1,887,505  Columbia  \$71,150     7,619     378,769     578,769		
875,580 - Saskat 51,355 47,924 99,279	763,869 - chewan 44,152 41,033 85,185	708,935 7,980 Alb 66,793 35,715 102,508 102,508	653,210 5,912 erta (x) 34,455 50,654 85,109 85,109	22,244,370 1,880,607 British 404,871 9,236 414,107 414,107	1,887,505  Columbia  571,150     7,619     378,769     578,769      4,671		
Saskat 51,355 47,924 99,279 99,279	763,869 - chewan 44,152 41,033 85,185 85,185	708,935 7,980 Alb 66,793 35,715 102,508 102,508	653,210 5,912 erta (x) 34,455 50,654 85,109 85,109	22,244,370 1,880,607 British 404,871 9,236 414,107 414,107 - 1,591 23,805	1,887,505  Columbia  \$71,150     7,619     378,769     378,769		
Saskat 51,355 47,924 99,279 99,279	763,869 - chewan 44,152 41,033 85,185 85,185	708,935 7,980 Alb 66,793 35,715 102,508 102,508	653,210 5,912 erta (x) 34,455 50,654 85,109 85,109	22,244,370 1,880,607 British 404,871 9,236 414,107 414,107	1,887,505  Columbia  571,150     7,619     378,769     578,769      4,671		
Saskat 51,355 47,924 99,279 99,279	763,869  chewan  44,152 41,033 85,185 85,185 44,152	708,935 7,980  Alb 66,793 35,715 102,508 102,508	653,210 5,912 erta (x) 54,455 50,654 85,109 85,109 - 4,671	22,244,370 1,880,607 British 404,871 9,236 414,107 414,107 	1,887,505  Columbia  571,150 7,619 378,769 578,769		
875,580  Saskat  51,355 47,924  99,279  99,279	763,869  chewan  44,152 41,033 85,185 85,185 44,152 41,033	708,935 7,980  Alb 66,793 35,715 102,508 102,508 1,391 103,899	653,210 5,912 erta (x) 54,455 50,654 85,109 85,109 - 4,671	22,244,370 1,880,607 British 404,871 9,236 414,107 414,107 	1,887,505  Columbia  \$71,150     7,619     378,769     578,769      4,671     9,594     9,594     -     364,504		
Saskat 51,355 47,924 99,279 99,279	763,869  chewan  44,152 41,033 85,185 85,185 44,152	708,935 7,980  Alb 66,793 35,715 102,508 102,508 - 1,391 103,899 103,899	653,210 5,912 erta (x) 54,455 50,654 85,109 85,109 - 4,671	22,244,370 1,880,607 British 404,871 9,236 414,107 414,107 	1,887,505  Columbia  571,150 7,619 378,769 578,769		
875,580  Saskat  51,355 47,924  99,279  99,279	763,869  chewan  44,152 41,033 85,185 85,185 44,152 41,033	708,935 7,980  Alb 66,793 35,715 102,508 102,508 1,391 103,899 105,899	653,210 5,912 erta (x) 34,455 50,654 85,109 85,109 - 4,671 - - 89,780 89,780	22,244,370 1,880,607 British 404,871 9,236 414,107 414,107 	1,887,505  Columbia  \$71,150     7,619     378,769     578,769      4,671     9,594     9,594     -     364,504		
875,580  Saskat  51,355 47,924 99,279 99,279 51,355 47,924 47,924	763,869  chewan  44,152 41,033 85,185 85,185 44,152 41,033 41,033	708,935 7,980  Alb 66,793 35,715 102,508 102,508 1,391 103,899 105,899 Cumulative T	653,210 5,912 erta (x) 34,455 50,654 85,109 85,109 - 4,671 - 89,780 89,780 otals - January	22,244,370 1,880,607 British 404,871 9,236 414,107 414,107 	1,887,505  Columbia  \$71,150     7,619     378,769     578,769      4,671     9,594     9,594     -     364,504     564,504		
Saskat 51,355 47,924 99,279 99,279 	763,869  chewan  44,152 41,033 85,185 85,185 44,152 41,033 41,033 41,033	708,935 7,980  Alb 66,793 35,715 102,508 102,508 1,391 103,899 105,899 Cumulative T 984,025	653,210 5,912 erta (x) 34,455 50,654 85,109 85,109 - 4,671 - 89,780 89,780 otals - January	22,244,370 1,880,607  British 404,871 9,236 414,107 414,107 - 1,591 23,805 23,805 23,805 - 388,911 588,911 - December 4,404,595	1,887,505  Columbia  371,150 7,619 378,769 578,769 4,671 9,594 9,594 364,504 564,504		
Saskat 51,355 47,924 99,279 99,279 	763,869  chewan  44,152 41,033 85,185 85,185 44,152 41,033 41,033	708,935 7,980  Alb 66,793 35,715 102,508 102,508 102,508 1,391 103,899 105,899 105,899 Cumulative T 984,025 984,025	653,210 5,912 erta (x) 34,455 50,654 85,109 85,109 - 4,671 - 89,780 89,780 - 0tals - January - 857,380 857,380	22,244,370 1,880,607 British 404,871 9,236 414,107 414,107 	1,887,505  Columbia  371,150 7,619 378,769 578,769 4,671 9,594 9,594 364,504 564,504 4,194,595 4,193,361		
Saskat 51,355 47,924 99,279 99,279 	763,869  chewan  44,152 41,033 85,185 85,185 44,152 41,033 41,033 41,033	708,935 7,980  Alb 66,793 35,715 102,508 102,508 102,508 1,391 103,899 105,899 105,899 Cumulative T 984,025 984,025	653,210 5,912 erta (x) 34,455 50,654 85,109 85,109 - 4,671 - 89,780 89,780 otals - January 857,380 857,380	22,244,370 1,880,607  British 404,871 9,236 414,107 414,107 - 1,591 23,805 23,805 23,805 - 388,911 588,911 - December 4,404,595	1,887,505  Columbia  371,150 7,619 378,769 578,769 4,671 9,594 9,594 364,504 564,504		
875,580	763,869  chewan  44,152 41,033 85,185 85,185 44,152 41,033 41,033 41,033  897,902 897,902	708,935 7,980  Alb 66,793 35,715 102,508 102,508 102,508 1,391 103,899 105,899 105,899 Cumulative T 984,025 984,025	653,210 5,912 erta (x) 34,455 50,654 85,109 85,109 - 4,671 - 89,780 89,780 - 0tals - January - 857,380 857,380	22,244,370 1,880,607  British 404,871 9,236 414,107 414,107	1,887,505  Columbia  371,150 7,619 378,769 578,769 4,671 9,594 9,594 364,504 564,504 4,194,595 4,193,361 1,232		
Saskat 51,355 47,924 99,279 99,279 	763,869  chewan  44,152 41,033 85,185 85,185 44,152 41,033 41,033 41,033	708,935 7,980  Alb 66,793 35,715 102,508 102,508 102,508 1,391 103,899 105,899 105,899 Cumulative T 984,025 984,025	653,210 5,912 erta (x) 34,455 50,654 85,109 85,109 - 4,671 - 89,780 89,780 otals - January 857,380 857,380	22,244,370 1,880,607  British 404,871 9,236 414,107 414,107	1,887,505  Columbia  \$71,150     7,619     378,769     578,769      4,671     9,594     9,594      364,504     564,504  4,194,595     4,193,361     1,232     43,294		
875,580	763,869  chewan  44,152 41,033 85,185 85,185 44,152 41,033 41,033 41,033  897,902 897,902	708,935 7,980  Alb 66,793 35,715 102,508 102,508 102,508 1,391 103,899 105,899 105,899 Cumulative T 984,025 984,025	653,210 5,912 erta (x) 34,455 50,654 85,109 85,109 - 4,671 - 89,780 89,780 otals - January 857,380 857,380	22,244,370 1,880,607  British  404,871 9,236 414,107 414,107	1,887,505  Columbia  371,150 7,619 378,769 578,769 4,671 9,594 9,594 364,504 564,504 4,194,595 4,193,361 1,232 43,294 190,601		
875,580	763,869  chewan  44,152 41,033 85,185 85,185 44,152 41,033 41,033 41,033  897,902 897,902	708,935 7,980  Alb 66,793 35,715 102,508 102,508 102,508 1,391 103,899 105,899 105,899 Cumulative T 984,025 984,025	653,210 5,912 erta (x) 34,455 50,654 85,109 85,109 - 4,671 - 89,780 89,780 otals - January 857,380 857,380	22,244,370 1,880,607  British 404,871 9,236 414,107 414,107	1,887,505  Columbia  \$71,150     7,619     378,769     578,769      4,671     9,594     9,594      364,504     564,504  4,194,595     4,193,361     1,232     43,294		
875,380	763,869  chewan  44,152 41,033 85,185 85,185 44,152 41,033 41,033 41,033  897,902 897,902 500,721	708,935 7,980  Alb 66,793 35,715 102,508 102,508 103,899 105,899 105,899  Cumulative T 984,025 984,025	653,210 5,912  erta (x)  34,455 50,654 85,109 85,109 4,671 89,780 89,780 0tals - January 857,380 857,380 43,294	22,244,370 1,880,607  British  404,871 9,236 414,107 414,107	1,887,505  Columbia  371,150 7,619 378,769 578,769 4,671 9,594 9,594 364,504 564,504 4,194,595 4,193,361 1,232 43,294 190,601		
875,380	763,869  chewan  44,152 41,033 85,185 85,185 44,152 41,033 41,033 41,033  897,902 897,902	708,935 7,980  Alb 66,793 35,715 102,508 102,508 102,508 1,391 103,899 105,899 105,899 Cumulative T 984,025 984,025 984,025	653,210 5,912 erta (x) 34,455 50,654 85,109 85,109 - 4,671 - 89,780 89,780 otals - January 857,380 857,380	22,244,370 1,880,607  British  404,871 9,236 414,107 414,107	1,887,505  Columbia  371,150 7,619 378,769 578,769 4,671 9,594 9,594 364,504 564,504 4,194,595 4,193,361 1,232 43,294 190,601		
875,380	763,869  chewan  44,152 41,033 85,185 85,185 44,152 41,033 41,033 41,033  897,902 897,902 500,721	708,935 7,980  Alb 66,793 35,715 102,508 102,508 103,899 105,899 105,899  Cumulative T 984,025 984,025	653,210 5,912  erta (x)  34,455 50,654 85,109 85,109 4,671 89,780 89,780 0tals - January 857,380 857,380 43,294	22,244,370 1,880,607  British  404,871 9,236 414,107 414,107	1,887,505  Columbia  371,150 7,619 378,769 578,769 4,671 9,594 9,594 364,504 564,504  4,194,595 4,193,361 1,232  43,294 190,601 190,601		

(x) Revised.

Gross imports from United States to British Columbia:

1950 Kw.hrs. 160,517 1,350,000

British Columbia: 1951 Kw.hrs. December: 115,536 January - December: 7,677,181



# OBSTRAL ELECTRIC STATIONS (Thousands of Kilowatt Hours) PRODUCTION

		PRODUCTIO:	N		
Month	1947	1948	1949	1950(1)	1951(1)
January	3,851,111	3,754,174	3,699,472	4,080,989	4,784,409
February	3,589,361	3, 492, 823	3,399,725	3,780,016	4,375,847
Karch	3,956,905	3,758,566	3,923,721	4,185,643	4,910,294
April	3,727,377	3,727,459	4,150,340	4,070,021	4,895,491
Kay	3,917,499	4,072,973	4,271,027	4,425,140	5,130,278
June	3,756,104	3,717,619	4,018,065	4,312,667	4,707,449
July	3,750,881	3,657,119	3,729,920	4,200,615	4,629,009
August	3,641,476	3,686,938	3,798,459	4,198,697	4,595,761
September	3,589,497	3,598,154	3,753,055	4,121,496	4,404,416
October	3,862,696	3,774,021	3,975,153	4,394,941	4,919,654
November	3,613,726	3,634,307	3,914,482	4,457,930	4,936,303
December	3,729,731	3,694,696	4,039,795	4,674,364	5,110,757
Total 12 months	44,986,364	44,568,849	46,673,214	50,902,519	57,399,668
	EXPORT	TO THE UNITED	STATES (Gross)		Hill Hard
January	168,163	136,292	151,583	128,075	172,499
February	151,786	122,526	161,796	151,521	164,805
March	183,125	140,019	175,018	175, 805	220,900
lpril .	186,580	166,052	179,869	190,634	208, 203
lay	188,648	185,842	184, 554	199,351	231,344
June	192,227	169,890	155, 169	167,627	224,611
July	217,171	157,395	168,967	158,877	237,823
lugust	198,014	144,836	140,955	149,660	159,726
September	155,707	129,483	120,252	143,000	134,692
October	147,164	126,217	119,623	139,664	202,694
fovember	137,630	123,019	95, 331	143,570	205,756
December	140,271	141,536	104,535	177,996	214,387
Total 12 months	2,066,481	1,743,107	1,756,752	1,925,780	2,375,420
Total Total State of the Land					
	(n		F PRIMARY POWER		
<b>Anna</b>			ports and Second		A 769 069
anuary	3,091,417	3,397,380	3,406,608	3,783,224	4,368,068
ebruary	2,871,102	3,171,019	3,112,488	3,434,183	3,982,387
arch	3,144,747	3,466,686	3,601,670	3,800,633	4,394,913
pril	3,001,561	3,318,715	3,517,466	3,655,915	4,227,187
lay	3,154,143	3,454,902	3,587,721	3,803,521	4,407,377
une	3,017,163	3,330,957	3,481,039	3,706,014	4,241,971
uly	3,048,202	3,355,431			
ugust	3,060,134	3,408,334	3,533,662	3,848,764	4, 314, 959
eptember	3,073,808	3,363,082	3,495,738	3,851,637	4,147,536
ctober	3, 296, 972	3, 537, 516	3,627,618	4,102,159	4,510,928
lovember	3, 227, 370	3,387,713	3,629,358	4,142,642	4,470,729
Occember Total 12 months	3,388,899 37,375,518	3,415,014	3,746,898	4,241,458	4,624,310 51,895,212