

The predominant position of Quebec in the electric-power field can be seen from the column in Table 18 showing electric energy generated. Of the total power generated in Canada by all central electric stations 53 p.c. was generated by privately owned or commercial stations in the Province of Quebec; practically all of this amount was hydro power.

There are two important factors in this large production of hydro-electric power in Quebec: (1) the pulp and paper mills, located close to both the water power and the supply of pulpwood, which take around 40 p.c. of the Quebec hydro-electric power; and (2) the industries in eastern and southern Ontario that import around 18 p.c. of the Quebec output of power.

All stations in Ontario produce only about one-half as much power as the Quebec stations and only 25 p.c. of the total for Ontario stations is produced by privately owned stations.

#### 18.—Privately Owned Central Electric Stations in Canada, 1941 and 1942

Province	Power Plants	Customers	Electric Energy Generated	Power Equipment	
				Water Wheels and Turbines	Total
	No.	No.	'000 kwh.	h. p.	h. p.
<b>1941</b>					
Prince Edward Island.....	7	5,524	8,965	392	7,149
Nova Scotia.....	20	52,199	228,804	21,740	85,314
New Brunswick.....	7	25,682	446,505	92,900	110,140
Quebec.....	80	517,396	17,649,562	4,045,842	4,046,172
Ontario.....	63	77,074	2,391,156	542,729	542,944
Manitoba.....	14	33,739	1,338,300	353,300	354,649
Saskatchewan.....	110	27,460	69,468	1	57,378
Alberta.....	62	31,148	194,495	68,180	78,648
British Columbia and Yukon.....	61	184,684	2,457,436	628,067	634,766
<b>Totals, 1941.....</b>	<b>421</b>	<b>954,906</b>	<b>24,784,691</b>	<b>5,753,150</b>	<b>5,917,160</b>
<b>1942</b>					
Prince Edward Island.....	7	5,643	9,910	392	7,149
Nova Scotia.....	20	58,554	278,127	26,170	89,669
New Brunswick.....	8	26,218	395,139	94,150	111,630
Quebec.....	82	531,720	20,581,703	4,362,402	4,362,732
Ontario.....	63	76,788	2,491,270	543,779	544,019
Manitoba.....	15	34,254	1,446,889	353,300	354,644
Saskatchewan.....	107	27,922	72,686	1	59,463
Alberta.....	64	32,344	277,373	91,180	102,124
British Columbia and Yukon.....	62	191,616	2,624,290	628,067	637,956
<b>Totals, 1942.....</b>	<b>428</b>	<b>985,059</b>	<b>28,177,387</b>	<b>6,099,440</b>	<b>6,269,386</b>

<sup>1</sup> Power generation in Saskatchewan was entirely by fuel plants. There is one hydro-electric station but the power is used in Manitoba and the statistics are included with those of Manitoba.

#### Subsection 4.—Export of Electric Power

Electric energy is exported from Canada only under licence and an export tax of 0.03 cents per kwh. is levied. The export duties for the fiscal years ended Mar. 31, 1940, 1941, 1942 and 1943 were \$443,783, \$560,047, \$598,038 and \$618,953, respectively.

Exports for the calendar years 1940-43 are shown in Table 19. There are also large interprovincial movements of electric energy from Quebec to Ontario, and smaller movements from Quebec to New Brunswick and from British Columbia to Alberta.