

**New Brunswick.**—The New Brunswick Electric Power Commission was incorporated under the Electric Power Act, 1920. Generating stations owned by the Commission are as follows:—

<u>Plant</u>	<u>Type</u>	<u>Capacity</u>	<u>Plant</u>	<u>Type</u>	<u>Capacity</u>
		h.p.			h.p.
Musquash.....	Hydro.....	9,320	St. Stephen.....	Diesel.....	2,800
Tobique.....	Hydro.....	27,000	Campobello.....	Diesel.....	300
Grand Lake.....	Steam.....	58,700	Grand Manan.....	Diesel.....	900
Saint John.....	Steam.....	21,500	Shippegan.....	Diesel.....	2,500
Chatham.....	Steam.....	16,800	St. Quentin.....	Diesel.....	750
			<b>TOTAL CAPACITY.....</b>		<b>140,570</b>

All generating units, with the exception of diesel plants at St. Quentin and Grand Manan, are interconnected in a Province-wide grid system.

The statistical information given in Table 16 shows the growth of the Commission's undertakings since 1949.

**16.—Growth of the New Brunswick Electric Power Commission, Years Ended Oct. 31, 1949-50 and Mar. 31, 1951-53**

<u>Item</u>	<u>1949</u>	<u>1950</u>	<u>1951<sup>1</sup></u>	<u>1952</u>	<u>1953</u>
High-voltage transmission line..... miles	566	646	694	749	827
Distribution line..... "	4,334	5,255	5,623	5,938	6,245
Direct customers..... No.	44,822	52,255	53,777	57,016	61,054
Plant capacities..... h.p.	87,295	87,295	87,095	103,310	140,570
Power generated..... kwh.	222,951,910	242,302,755	114,373,065	282,405,310	321,232,150
Capital invested..... \$	27,175,441	31,357,828	33,857,407	38,286,374	48,120,336
Revenue..... \$	4,073,979	4,768,746	2,385,054	6,255,615	7,059,588

<sup>1</sup> Five months—Nov. 1, 1950, to Mar. 31, 1951. The Commission's fiscal year-end changed in 1951 from Oct. 31 to Mar. 31.

**Quebec.**—*The Quebec Streams Commission.*—Created by S.Q. 1 Geo. V, c. 5, and given additional powers by 3 Geo. V, c. 6 (R.S.Q. 1925, c. 46) and 20 Geo. V, c. 34, the Quebec Streams Commission was authorized to ascertain the water resources of the Province, to make recommendations regarding their control, and to construct certain storage dams and operate them so as to regulate the flow of streams. It has assisted companies engaged in such work by the systematic collection of data on the flow of the principal rivers and on meteorological conditions, by investigation of numerous water-power sites and determination of the longitudinal profile of a large number of rivers, but mainly by the regulation of the flow of the principal power streams through the construction of storage dams.

From 1912 to 1925, a number of storage reservoirs were built or acquired by the Commission, charges being made to benefiting companies to cover interest and amortization on the capital invested as well as the cost of operation. Since 1925, companies or persons have availed themselves of the latitude given them by R.S.Q. 1925, c. 46, to build the necessary dams; such storages have been transferred to and are operated by the Commission, the cost of operation only being charged annually to the interested companies or persons. The Commission now controls and operates 28 storage reservoirs in the Province.