

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
			TOTAL CAPACITY.....		140,570

All generating units, with the exception of diesel plants at St. Quentin, Campobello 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 1952.

16.—Growth of the New Brunswick Electric Power Commission, Years Ended Mar. 31, 1952-56

<u>Item</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>
High-voltage transmission line... miles	749	827	859	888	1,071
Distribution line.....	5,938	6,245	6,681	6,891	6,937
Direct customers..... No.	57,016	61,054	64,181	66,531	69,415
Plant capacities..... h.p.	103,310	140,570	140,570	140,570	140,570 ¹
Power generated..... kwh.	282,405,310	321,232,150	379,369,500	422,750,090	493,609,040
Capital invested..... \$	38,286,374	48,120,336	52,077,662	56,634,724	71,140,250
Revenue..... \$	6,255,615	7,059,588	7,814,229	8,528,459	9,635,272

¹ Additions to capacity are outlined at p. 563.

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 and operate certain storage dams to regulate the flow of streams. It 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.

On Apr. 1, 1955, the Quebec Streams Commission was abolished and its powers and attributions transferred to the Hydraulic Resources Department, Province of Quebec. The rivers controlled by the Commission at the time of transfer, either by means of dams on the rivers or by regulating the outflow of lakes at the headwaters, were: the St. Maurice, the Gatineau, the Lièvre, the St. Francis, the Chicoutimi, the Au Sable, and the Métis. The Commission also operated nine reservoirs on North River, two in the watershed of the Ste. Anne-de-Beaupré River, and one at the outlet of Lake Morin on Rivière-du-Loup (lower).

Other Reservoir Control.—Storage reservoirs otherwise controlled or operated are: the Lake St. John, the Lake Manouane and Passe Dangereuse on the Peribonca River, and the Onatchiway on the Shipshaw River; the Témiscouata Lake on Madawaska River, controlled by the Gatineau Power Company; Memphremagog Lake on the Magog River, controlled by the Dominion Textile Company; Témiscamingue and Quinze Lakes on the Ottawa River, controlled by the Federal Department of Public Works; Kipawa Lake on the Ottawa River, controlled by the Gatineau Power Company; and Dozois Lake on the upper Ottawa River and Pipmaukin Lake in the Bersimis River watershed, controlled by the Quebec Hydro-Electric Commission.