

New Brunswick.—The New Brunswick Electric Power Commission was incorporated under the Electric Power Act, 1923. Generating stations owned and operated by the Commission are as follows:—

<u>Plant</u>	<u>Type</u>	<u>Capacity</u> h. p.
Musquash.....	Water power.....	10,000
Kouchibouguac.....	Water power.....	200
Grand Lake.....	Steam.....	26,800
Saint John.....	Steam.....	25,500
Chatham.....	Steam.....	16,750
Grand Manan.....	Diesel.....	645
St. Quentin.....	Diesel.....	550
St. Stephen.....	Diesel.....	3,300
Campobello.....	Diesel.....	335
Andover.....	Diesel.....	535
Shippegan.....	Diesel.....	2,680
TOTAL CAPACITY.....		87,295

The Musquash Grand Lake, Saint John, Chatham and Kouchibouguac plants are inter-connected and operate in parallel at all times.

In 1949, the New Brunswick Electric Power Commission completed a 69,000-volt line from Musquash to St. Stephen with a tap line to McAdam. High voltage transmission was thereby increased from 476 miles in 1948 to 566 miles in 1949. Power is sold "en bloc" to the cities of Saint John, Moncton, Fredericton and the town of Sussex.

The statistical information given in Table 15 shows the growth of the Commission's undertakings since 1924.

15.—Growth of the New Brunswick Electric Power Commission, Years Ended Oct. 31, 1924, and 1945-49

<u>Item</u>	<u>1924</u>	<u>1945</u>	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>1949</u>
High-voltage transmission line..... miles	138	348	348	348	476	566
Distribution line..... "	67	2,326	2,510	2,902	3,428	4,334
Indirect-customers..... No.	11,561					
Direct customers..... "	1,129	24,166	27,299	33,837	38,908	44,822
Plant capacities..... h. p.	11,100	37,590	37,590	38,190	87,295	87,295
Power generated..... kwh.	15,500,000	122,508,320	131,315,745	147,008,120	195,878,655	222,951,910
Capital invested..... \$	3,780,000	11,509,962	12,439,470	15,532,885	22,286,778	27,175,441
Revenue..... \$	310,000	2,024,468	2,181,272	2,495,868	3,544,717	4,073,979

Quebec.—*The Quebec Streams Commission.*—Created in 1910 by 1 Geo. V, c. 5, and given additional powers by 3 Geo. V, c. 6 (R.S.Q., c. 46) and by 20 Geo. V, c. 34, the 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. The Commission 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,