

**13.—Growth of the New Brunswick Electric Power Commission, Years Ended
Mar. 31, 1959-63**

Item	1959	1960	1961	1962	1963
High-voltage transmission line...miles	1,272	1,396	1,585	1,744	1,845
Distribution line..... "	7,286	7,512	7,905	7,996	8,390
Direct customers..... No.	84,025	100,475	103,029	107,415	117,073
Plant capacities..... hp.	256,720	346,180	346,180	412,715	454,450
Power generated..... kwh.	754,714,180	1,184,798,350	1,273,719,910	1,425,489,140	1,644,740,890
Capital invested..... \$	104,511,683	132,844,276	148,280,363	156,190,514	170,859,403
Revenue..... \$	13,527,290	16,665,153	18,971,596	20,309,856	22,591,554

Quebec.—*The Quebec Streams Commission.*—Created by SQ 1910, c. 5, and given additional powers in 1912 (RSQ 1925, c. 46) and SQ 1930, 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. On Apr. 1, 1955, the Commission was abolished and its powers and attributions transferred to the provincial Hydraulic Resources Department. 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; Témiscouata Lake on the 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 Lac Dozois on the upper Ottawa River, Lac Cassé in the Bersimis River watershed and Lac Ste. Anne on the Toulouste River, a tributary of the Manicouagan River, controlled by the Quebec Hydro-Electric Commission.

Power developments on the Saguenay River, benefiting from the Peribonca and Lake St. John reservoirs, have a total capacity of 1,950,000 hp.

The Quebec Hydro-Electric Commission.—The Quebec Hydro-Electric Commission was established by SQ 1944, c. 22, with the object of supplying power to the municipalities, to industrial and commercial undertakings and to citizens of the Province of Quebec at the lowest rates consistent with sound financial administration. The Commission at the end of 1962 controlled, among other assets, the following hydro-electric plants:*

<u>Plant</u>	<u>River</u>	<u>Installed Capacity</u> hp.
Cedars.....	St. Lawrence.....	206,400
Sault au Recollet.....	Rivière des Prairies.....	60,000
Beauharnois.....	St. Lawrence.....	2,145,000
Rapid VII.....	Upper Ottawa.....	64,000
Rapid II.....	Upper Ottawa.....	48,000
Bersimis No. 1.....	Bersimis.....	1,200,000
Bersimis No. 2.....	Bersimis.....	900,000
Carillon (initial operation; completed ca- pacity will be 840,000 hp.)	Ottawa.....	240,000
	TOTAL HYDRO CAPACITY.....	<u>4,863,400</u>
Gas turbine station.....	Les Boules.....	<u>51,900</u>

The Commission operates three systems. The Southwestern Quebec system is the most important. In addition to supplying all types of customers in the Metropolitan

* The Commission also purchases 135,000 hp. from the Shawinigan Water and Power Company.