

The territory of the Commission extends the entire length of the Province and embraces nine systems which include 22 generating stations and 3,426 miles of transmission and distribution lines, through which 44 wholesale and 21,919 retail customers received 242,467,861 kwh. during the year ended Nov. 30, 1950.

The installed capacity and annual output of the various systems of the Nova Scotia Power Commission are given in Table 15. The Commission had under construction a plant of 8,600 h.p. on the Bear River scheduled for operation in 1952.

15.—Capacity and Output of the Nova Scotia Power Commission, 1950

Systems	First Year of Operation	Installed Capacity		Annual Generation	
		Initial	1950	Initial	1950
		h.p.	h.p.	kwh.	kwh.
Hydro					
Mushamush.....	1921	800	330	208,752	832,500
St. Margaret.....	1922	10,700	15,700	19,538,000	24,483,800
Sheet Harbour—					
Malay Falls.....	1924	5,550	5,550	6,536,860	7,973,327
Ruth Falls.....	1925	6,290	10,590	7,361,117	25,960,760
Mersey—					
Original development.....	1928	29,400	29,400	85,863,390	111,945,100
Cowie Falls.....	1938	10,200	10,200	37,866,000	37,105,000
Tusket.....	1929	2,820 ¹	2,820 ¹	3,680,540	9,847,240
Roseway.....	1930	560	1,060	365,600	4,011,800
Markland.....	1931	1,400	1,200	5,813,555	3,737,805
Deep Brook.....	1950	12,800	12,800	11,154,000	11,154,000
Antigonish.....	1931	2	—	389,520 ²	—
Barrie Brook.....	1940	500	500	1,780,734	2,128,950
Dickie Brook.....	1948	3,500	3,500	8,920,000	6,675,950
Thermal					
Canseau Diesel.....	1937	72	1,320	21,650	718,338
Canseau Steam.....	1945	1,125 ⁴	1,125 ⁴	4,437,280	6,484,300

¹ Minimum head.

² Distribution only.

³ Purchased energy.

⁴ Rated in kilowatts.

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

<i>Plant</i>	<i>Type</i>	<i>Capacity</i>	<i>Plant</i>	<i>Type</i>	<i>Capacity</i>
		h.p.			h.p.
Musquash.....	Water power.....	10,000	St. Stephen.....	Diesel.....	2,500
Grand Lake.....	Steam.....	43,550	Campobello.....	Diesel.....	335
Saint John.....	Steam.....	25,500	Andover.....	Diesel.....	535
Chatham.....	Steam.....	16,750	Shippegan.....	Diesel.....	2,680
Grand Manan.....	Diesel.....	1,045			
St. Quentin.....	Diesel.....	950			
			TOTAL CAPACITY.....		103,845

The Musquash, Grand Lake, Saint John and Chatham plants are interconnected and operate in parallel at all times. The St. Stephen and Shippegan plants also may be paralleled with the system as required.

A new steam plant was placed in operation at Grand Lake in the autumn of 1951, adding 16,750 h.p. to the Commission's generating capacity. A 25,000 h.p. unit will be in service in this same plant late in 1952.