

## 15.—Capacity and Output of the Nova Scotia Power Commission, 1952

Systems	First Year of Operation	Installed Capacity		Annual Generation	
		Initial	1952	Initial	1952
<b>Hydro</b>					
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
Liscomb.....		..	700	..	..
Mersey—					
Original development.....	1923	29,400	29,400	85,863,390	111,945,100
Cowie Falls.....	1938	10,200	10,200	37,866,000	37,105,000
Deep Brook.....	1950	12,800	12,800	11,154,000	11,154,000
Tusket.....	1929	2,820 <sup>1</sup>	2,820 <sup>1</sup>	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
Harmony.....		..	1,200		
Gulch.....		..	8,500		..
Antigonish.....	1931	2	..	389,520 <sup>2</sup>	..
Barrie Brook.....	1940	500	500	1,780,734	2,128,950
Dickie Brook.....	1948	3,500	3,500	8,920,000	6,675,950
<b>Thermal</b>					
Tusket Diesel.....			720		
Canseau Diesel.....	1937	72	3,142	21,650	718,338
Canseau Steam.....	1945	1,125 <sup>4</sup>	1,125 <sup>4</sup>	4,437,280	6,484,300
Sheet Harbour Steam.....	..	..	20,000 <sup>4</sup>	..	..

<sup>1</sup> Minimum head.<sup>2</sup> Distribution only.<sup>3</sup> Purchased energy.<sup>4</sup> 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:—

Plant	Type	Capacity	Plant	Type	Capacity
		h p.			h p.
Musquash.....	Water power.....	10,000	St. Quentin.....	Diesel.....	950
Grand Lake.....	Steam.....	43,550	St. Stephen.....	Diesel.....	2,500
Saint John.....	Steam.....	25,500	Campobello.....	Diesel.....	335
Chatham.....	Steam.....	16,750	Shippegan.....	Diesel.....	2,680
Grand Manan.....	Diesel.....	1,045			
			TOTAL CAPACITY.....		103,310*

The Musquash, Grand Lake, Saint John, Tobique 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 in May 1953 and a water-power installation of 27,000 h.p. will be in operation in April 1953 at the Tobique Narrows for an additional total of 53,000 h.p. and a then-installed capacity of 156,310 h.p.

High-voltage transmission was increased from 694 miles in 1951 to 749 miles in 1952. Power is sold "en bloc" to the cities of Saint John, Moncton and Fredericton and to the town of Sussex.

\* The Tobique 27,000-h.p. development will be completed early in 1953.