

Investigation, certain investigatory work is still carried on in Nova Scotia by the Dominion Government represented by a branch of the Dominion Water and Power Bureau with which the Nova Scotia Power Commission is closely associated.

The function of the Commission is, primarily, generation of electric power and energy by the most economical means available that is practically suited to the case under consideration. Its operations are carried out on a cost basis and, while a considerable number of retail customers are served, it is not the policy to compete in the retail field, but rather to serve those districts where it is not practicable to receive service from other sources. The Rural Electrification Act of 1937 greatly increased the possibilities for retail service and full advantage is being taken of this legislation by residents in various parts of the Province.

The following statement shows developments with their initial capacities:—

Development.	Commence- ment of Operations.	Initial Capacity.	1938. Capacity.
		h.p.	h.p.
Mushamush System.....	1921.....	800.....	1,030
St. Margaret System.....	1922.....	10,700.....	15,820
Sheet Harbour System—			
Malay Falls.....	1924.....	5,550.....	5,550
Ruth Falls.....	1925.....	6,290.....	6,290
Musquodoboit Harbour District.....	1937.....	32.....	32
Mersey System—			
Original.....	1928.....	29,400.....	30,800
Cowie Falls.....	1938.....	10,200.....	10,200
Tusket System.....	1929.....	3,000.....	3,000
Roseway System.....	1930.....	560.....	585
Markland System.....	1931.....	1,400.....	*
Antigonish System.....	1931.....	†.....	-
Barrie Brook.....	1940.....	500.....	500
Canseau System.....	1937.....	72.....	342

The progressive trend portrayed above is more strikingly emphasized by the comparison of the total delivery for the year ended Nov. 30, 1939, of 234,288,000 kwh. with the delivery of 192,000 kwh. for the first year of operation.

The Commission's developments are now operated under nine systems comprising: 1,100 miles of transmission and distribution lines serving 22 wholesale and 3,300 retail customers; 16 generating stations and 34 generating units, with a total installed capacity of 76,200 h.p. The *Antigonish System* is non-generating and is supplied by the *Sheet Harbour System*, but will become a generating system when Barrie Brook Development goes into operation. It serves the town of Antigonish and other places in Antigonish and Guysborough Counties. The *Canseau System* is made up of a number of distribution districts throughout the Island of Cape Breton and is served by diesel-electric units except in Mabou District for which energy is purchased from the Inverness Collieries. The Districts in operation are St. Peter's, Cheticamp, Mabou, Port Hawkesbury, Isle Madame, Grand Anse, Whycomagh, Judique, and Margaree. A submarine cable connects the Antigonish and Canseau Systems for interchange of energy. The *Markland System* is non-generating and is supplied by the *Mersey System* from its Cowie Falls Development. It serves the Town of Liverpool, the Caledonia Valley and places in vicinity, and supplies power for a woodworking factory. The *Mersey System* supplies the demands of a pulp and paper mill at Brooklyn, Queens County. The *Mushamush System* sells power wholesale and retail in Lunenburg County. The *Roseway*

\* Discontinued, October, 1938.

† Distribution system only.