

and one of 24 miles to Grand Falls; also a 38-mile line from Alardville to Six Roads. Extensions to rural distribution lines totalled 306 miles.

The St. George Pulp and Paper Company Limited carried out a modernization program resulting in an increase in capacity of 2,812 h.p. in its plant on the Magaguadavic River. New draft tubes were installed and the head was raised from 40 to 53 feet. The plant is now rated at 7,812 h.p. in four units (2 x 906 and 2 x 3,000).

#### Nova Scotia

No new developments were completed in 1953 but the Nova Scotia Light and Power Company Limited had under construction for 1954 operation a plant of 9,000 h.p. on the Nictau River near Middleton. The installation will consist of one unit under 400-foot head driving a 8,500-kva. generator. During the year, the Company completed the installation of an additional unit of 22,000 kw. in its steam plant at Halifax; it is planned to further increase the capacity of this plant by a unit of 25,000 kw. for 1955 operation. New transmission lines constructed include 20 miles of 69-kv. line from Black River to Berwick, 11 miles at 22 kv. from Tusket to Argyle and 4 miles from Halifax to Shearwater. Distribution lines were extended by 70 miles.

The Nova Scotia Power Commission is proposing to develop 6,000 h.p. under 22-foot head on the Mersey River near Liverpool for 1955 operation but construction has not as yet begun. For its steam plant at Trenton, the Commission has on order a turbo-generator of 20,000 kw. for installation in 1955. During 1953, a 7-mile 23-kv. transmission line was built from Trenton to Sutherland's River; also 126 miles of secondary distribution line. A 21-mile 66-kv. line is under construction from the Big Falls plant on the Mersey River to Lapland.

The addition of the 18,750-kw. unit in the steam plant of the Seaboard Power Corporation at Glace Bay has been delayed and operation is now scheduled for early 1954.

#### Newfoundland

The Newfoundland Light and Power Company completed the construction of its second plant on the Horsechops River, 10,000 h.p. in one unit under 280-foot head, located below Horsechops Pond about seven miles above tidewater. Investigations have been carried out on Piper's Hole River on which there are three sites totalling about 31,000 h.p. within a reach of eight miles from tidewater; however, no decision on development has been made. A new 66-kv. transmission line from Rocky Pond to Mobile was completed. A diesel unit of 3,850 h.p. has been installed at St. John's for stand-by purposes.

The Anglo-Newfoundland Development Company has completed the modernization of its Bishop's Falls development on the Exploits River, resulting in an increase in capacity of 6,000 h.p. The plant now comprises seven units each of 2,700 h.p. and two of 1,500 h.p. for a total of 21,900 h.p. The capacity of the Grand Falls plant as of December 1953 was reported to be 60,000 h.p. in 14 units.