

plants or extensions was also active and, in the field of power distribution, new main transmission lines were completed or under construction in many parts of the country, including submarine cables across the lower St. Lawrence River and across the Strait of Georgia. Over-all progress in the provinces, principally covering hydro-electric development, is outlined below.

Atlantic Provinces.—In *Newfoundland* the Iron Ore Company of Canada completed in June its development of 12,000 h.p. in two units under 31 foot head at Menihok Rapids on the Ashuanipi River, a tributary of the Hamilton River in Labrador. The plant is designed for two additional units when required. The Union Electric Light and Power Company Limited was actively engaged on the construction of a development on the Trinity River near Trinity. Initially the plant will consist of one unit of 2,000 h.p. under 260 foot head to be completed in September 1955 but provision is being made for an ultimate second unit. The United Towns Electric Company Limited is planning the development of 2,000 h.p. under 250 foot head on New Chelsea Brook near New Chelsea, construction to begin in 1955.

In *Nova Scotia* the Nova Scotia Light and Power Company Limited completed its 9,000 h.p. development in one unit under 400 foot head on the Nictau River near Middleton. An old development of 400 h.p. at this location was dismantled. The Nova Scotia Power Commission carried out active construction on a new development of 6,000 h.p. in two units under 22 foot head on the Mersey River at Lower Great Brook for operation in 1955.

In *New Brunswick* the New Brunswick Electric Power Commission, in connection with the development of the Beechwood site on the St. John River, called tenders for the relocation of a two mile reach of the Canadian Pacific Railway line and about one mile of Highway No. 2 between McAdam and Edmundston. The plant will consist initially of two units each of 45,000 h.p. under 60 foot head, with provision for a third unit when required; operation is scheduled for 1957.

Steam Plant Construction.—In addition to water power development the Newfoundland Light and Power Company Limited has under construction a new steam plant of 10,000 kw. at St. John's for 1956 operation, with provision for a second unit when required. The Nova Scotia Light and Power Company Limited has under construction a unit of 24,000 kw. in its steam plant at Halifax and the Nova Scotia Power Commission a unit of 20,000 kw. at Trenton. The Seaboard Power Corporation completed in March 1954 an addition of a 18,750 kw. unit in its steam plant at Glace Bay and is adding a similar unit for operation in March 1955. The New Brunswick Electric Power Commission is adding a 22,000 kw. unit to its steam plant at Chatham, scheduled for completion in September 1956. Campbellton completed an addition of 1,360 kw. to its municipal fuel electric station. The City of Edmundston is adding a diesel unit of 1,700 kw. to its plant, scheduled for operation in February 1955.

Quebec.—The Quebec Hydro-Electric Commission completed two units each of 16,000 h.p. in its development at Rapid II on the upper Ottawa River, with a third unit under installation for 1955 operation. Provision has also been made for a fourth unit to bring total ultimate capacity to 64,000 h.p. The Commission is actively engaged on its very large Bersimis River project, designed for 1,200,000 h.p. in eight units. Three units are expected to be in operation in 1956. Progress in 1954 included clearing, road building, camp construction, a new wharf at Forestville, a temporary powerhouse of 15,000 h.p. at Lac Casse, and a beginning of the excavation for the tunnel and powerhouse. Part of the power produced will be used to serve the Gaspé peninsula through four 69 kv. submarine cables 31.5 miles in length laid across the bed of the St. Lawrence River during 1954. Construction of the 161 kv. line of 132 miles from Les Boules to Copper Mountain was also completed in 1954 and, for later use, a double-circuit 300 kv. line from Bersimis River to Quebec and Montreal is under construction.