

In Nova Scotia, the Nova Scotia Power Commission completed the construction of two single-unit hydro-electric developments on the Sissiboo River. One of these, with a capacity of 12,000 hp., is located at Weymouth Falls and the other, with a capacity of 8,000 hp., at Sissiboo Falls. The Commission was giving active consideration to the construction of two other developments—a 10,800-hp. plant at Riverdale on the Sissiboo River, and a 90,000-hp. development on Wreck Cove Brook. The Nova Scotia Light and Power Company Limited is expected to complete the construction of its single-unit, 7,500-hp. development on the Allain (Lequille) River at Lequille in 1963. In addition, the Company is actively considering the development of a 6,500-hp. plant on the Nictaux River at Alpena. In the thermal-electric field, an 11,500-kw. steam plant was brought into service at Port Hawkesbury by Nova Scotia Pulp Limited.

In Newfoundland, new electric generating facilities brought into service in 1961 consisted of 1,200 kw. of thermal-electric capacity. This new capacity resulted from the addition of a 1,000-kw. unit at the Iron Ore Company of Canada thermal plant at Carol Lake in Labrador and the installation of single 100-kw. units at each of the Newfoundland Light and Power Company's plants at Badger and Baie Verte. In the hydro-electric field, the Twin Falls Power Corporation Limited continued construction of its Twin Falls hydro-electric development on the Unknown River in Labrador. The initial stage, comprising two units of 60,000 hp. each, is scheduled for completion in mid-1962. Ultimate development of this site is expected to reach 300,000 hp. Two other hydro-electric developments, both on the island portion of the province, were in the planning stage. One of these, with an initial installation of 77,000 hp. in two units and an ultimate capacity of up to 350,000 hp., is planned by the Southern Newfoundland Power and Development Limited for installation on the Salmon River at Head Bay d'Espoir. The other is planned by the Bowater Power Company Limited which proposes to install a 54,000-hp. hydro-electric development on Hinds Brook.

In New Brunswick, the New Brunswick Electric Power Commission's Courtenay Bay steam plant at East Saint John was placed in operation in 1961 with an initial installation of 50,000 kw. in one unit. With reference to future thermal-electric development, the Commission's plans include the construction of a 60,000-kw. steam plant at Newcastle Creek on Grand Lake for operation in 1964. In the hydro-electric field, installation of an additional unit at the Commission's Beechwood plant on the St. John River was expected to be completed early in 1962. The new unit, with a turbine rated at 55,500 hp., will bring the total installed capacity at Beechwood to 145,500 hp. in three units. The Commission also continued studies of a power site on the St. John River at Mactaquac, about 15 miles upstream from Fredericton. Indications are that a total of about 600,000 hp. could be installed at this site.

In Prince Edward Island, the Town of Summerside added a 2,200-kw. unit in its diesel-electric plant, raising the total plant capacity to 5,081 kw. in eight units. The Maritime Electric Company Limited plans to install a 20,000-kw. unit in its steam plant at Charlottetown to augment the 32,500 kw. at present available.

Quebec.—In 1961, the Province of Quebec added only 76,700 hp. of new hydro-electric turbine capacity to its already substantial power-producing capability. However, this is not a true indication of the level of activity in the field of hydro-electric construction in the province, as construction under way will bring about the installation of some 240,000 hp. of new capacity in 1962 and more than 5,900,000 hp. in subsequent years. In addition, about 300,000 kw. of new thermal-electric capacity is planned for 1964.

The third and last stage of the Beauharnois development of the Quebec Hydro-Electric Commission was essentially completed in 1961 when the tenth 73,700-hp. unit was brought into operation. Provision has been made for an eleventh and final unit which will raise the installed capacity of the entire Beauharnois development to 2,234,700 hp. L'Office de L'Electrification Rurale completed the installation of two units of 1,500 hp. each on the