

the Ste. Marguerite River. A 19-mile 44-kv. wood-pole line to Seven Islands and a 2-mile 13.8-kv. line to Clark City are under construction.

Favourable progress has been made by the City of Megantic on its initial development of 2,250 h.p. in one unit at the Gayhurst site on the Chaudiere River and operation is expected by May 1954. A second unit will be added when required by load growth.

While not adding to their generating capacity, other companies extended their distribution systems and/or enlarged their storage facilities. The Gatineau Power Company completed a 30-mile 110-kv. line from Lachute to Cedars, which provides an interconnection with the Quebec Hydro-Electric Commission's system; also a new 16-mile 26.4-kv. line Dorion to St. Polycarpe and the re-building of the St. Jovite-Labelle line for 26.4 kv. New 15,000-kva. substations were built at Dorion and Farmers Rapids and voltage-regulation equipment was installed at eight locations. Distribution lines were extended by 143 miles and 8,610 farms are now being served.

The construction of a storage dam on the Mitis River has been begun by the Lower St. Lawrence Power Company, in collaboration with the Quebec Streams Commission. The Company built a 23-mile 66-kv. line from Matane to Les Boules which in 1954 will provide an interconnection with the provincial network. Distribution lines were extended by 100 miles and 7,100 farms are now being serviced.

The Southern Canada Power Company rebuilt 11 miles of line for 48-kv. operation and increased its secondary lines by 50 miles. Its total of 72,292 customers includes 11,552 farms.

The MacLaren-Quebec Power Company has completed the construction of a new storage reservoir at the outlet of Kiamika Lake on the Lievre River.

The Saguenay Electrical Company extended its distribution system by 53 miles and its farm customers now total 5,500.

The Quebec Streams Commission successfully maintained regulation of stream flow for power production and flood control on a number of important rivers through its extensive system of storage reservoirs. Preliminary investigations of water-power sites on some of the more remote rivers in the province were continued during the year.

New Brunswick

The New Brunswick Electric Power Commission brought into operation in April its two-unit 27,000-h.p. plant at "The Narrows" on the Tobique River, normal operating head being 75 feet and generators being rated at 25,000 kva. Active investigations were carried out on the Beechwood site on the Saint John River with a view to building a plant initially of two units each of 48,000 h.p. and with provision for a third unit; the net head would be 60 feet. Surveys also were made of a site on the Sisson River, a tributary of the Tobique River, and preliminary plans have been made covering a development of 10,000 h.p. in two units under 125-foot head. In its steam plant at Grand Lake, the Commission completed early in 1953 the addition of a unit of 18,750 kw. Main transmission lines built in 1953 include two 69-kv. lines from the Tobique plant, one of 40 miles to Woodstock