

factor Two of these units are scheduled for operation by 1 July 1960, and the remaining two by 1 January 1961. Additional features of construction include the excavation of a channel on the east side of the river to divert the entire flow of the Nelson River around Grand Rapid, the construction of a 1,400-foot rock-filled cofferdam and of a permanent dam which will provide a mean head of 55 feet. Other work related to the project includes a cantilever bridge, 248 feet long, across the river at Grand Rapid, and 14 miles of railway track between the contractor's site and the Canadian National Railway line at Mile 256.

At the Board's steam-electric plant at Brandon, the first two 33,000-kw. generator units were to commence operation in December 1957 and the remaining two in the autumn of 1958. At the Selkirk thermal station, the foundations are being laid for the main building which will house two 66,000-kw. generator units scheduled for initial operation in the latter part of 1959. The Board's program of present and proposed hydro-electric and thermal electric generation and transmission is designed to handle expected power demands up to and including the winter of 1961-62. Proposed extensions to transmission facilities by the Board include 59 miles of 138-kv. double circuit line between the Kelsey Generating Station and the Thompson Lake nickel mine, to be completed by 1 July 1960; 28 miles of 115-kv. double circuit line between the Selkirk Generating Station and the St. Vital Road Terminal Station, scheduled for operation by the autumn of 1959; 9 miles of 115-kv. double circuit line connecting the St. Vital Road and Harrow Street Terminal Stations, of which one circuit is to commence operation in the autumn of 1959; and 12 miles of 115-kv. double circuit line connecting the Parkdale and McPhillips Terminal Stations in Winnipeg, of which one circuit will commence operation in the autumn of 1958.

Sherritt-Gordon Mines Limited will have completed by the end of 1957 its Laurie River No. 2 development comprising one 7,000-hp. Francis turbine operating under a head of 55 feet and connected to a 6,000-kva. generator. This plant is connected to the downstream No. 1 plant by 5 miles of 69-kv. transmission line and is to be automatically controlled from that plant. Concrete sluice-gate sections of the storage dams at the outlets of Eager and Russell Lakes were completed in July.

The City of Winnipeg is continuing with the renovation of its Pointe du Bois hydro-electric station and made repairs to the spillway and sluice gates at the Slave Falls station, both on the Winnipeg River. Two new substations in the Winnipeg area with capacities of 15,000 and 13,334 kva., both reducing from 60kv. to 4.16 kv., are being constructed for operation by 31 January 1958.