

The Union Electric Light and Power Company Limited is expanding its Trinity River hydro-electric plant near Trinity by the addition of one unit, under a head of 260 feet, to consist of a 2,000-hp. turbine connected to a 1,875-kva. generator. Completion is expected in 1958. The Company is currently constructing 33 miles of 48-kv. transmission line between Lockston and Clarenville, Trinity Bay.

The United Towns Electric Company Limited is adding a third unit of 3,600-hp. capacity to its hydro-electric plant at Lookout Brook. The unit will operate at a head of 550 feet and, when completed in 1958, will increase total installed capacity of the plant to 7,300 hp.

The British Newfoundland Corporation Limited is actively considering a hydro-electric development at Bay d'Espoir in the central part of Newfoundland where 350,000 hp. may be developed under a head of about 530 feet. In connection with its proposed Hamilton River power site in Labrador, the Corporation completed the all-weather access road from Mile 286 of the Quebec-North Shore and Labrador Railway to the Hamilton River and surveyed the small remaining section leading to the selected powerhouse site.

#### Yukon and Northwest Territories

To encourage the development of the resources of Northern Canada, the Federal Government established in 1948 the Northern Canada Power Commission, an agency for the construction and management of electric power utilities. The Deputy Minister of Northern Affairs and National Resources is Chairman of this Commission and the Director of the Water Resources Branch is a member.

Hydro-electric construction activities of the Commission during 1957 were confined to the Yukon Territory. These included the installation of a second 3,000-hp. unit at its Mayo River hydro-electric plant, which was put into operation in December; also steady progress on development of the Whitehorse Rapids project on the Yukon River about  $1\frac{1}{2}$  miles upstream from Whitehorse, where the initial installation is scheduled for completion in the autumn of 1958 and will consist of two 7,500-hp. Kaplan units under a head of 63 feet. Provision is being made for the installation of a third unit.