

general distribution. In addition, the Company carried out numerous extensions and alterations to existing substations and distribution services on the rest of the system.

The Aluminum Company of Canada Limited installed the fifth and sixth units, each of 150,000 hp., in its Kemano plant bringing the total capacity to 900,000 hp. The installed generator capacity is 750,000 kva. It is expected that a seventh unit, also of 150,000 hp., will be installed early in 1958.

The Alaska Pine and Cellulose Limited installed a 7,500-kw. double extraction condensing steam turbine, coupled to a 7,500-kva. 0.8 pf. generator, at its mill at Port Alice, British Columbia.

The Consolidated Mining and Smelting Company of Canada Limited commenced field investigation, involving geological mapping and preliminary drilling, at the second power site on the Pend d'Oreille River located about six miles upstream from its Waneta plant.

The West Kootenay Power and Light Company Limited was expected to complete and energize before the end of 1957 a 138-kv. transmission line between its plant at South Slocan and the Whatshan plant of the British Columbia Power Commission. It also has completed a 20-kv. line between the South Slocan plant and Slocan City which will provide power service in the Slocan Valley.

The City of Nelson completed the addition of 2,000 kva. and one feeder position to a 12-4 kv. unit substation, and the complete rebuilding to 4 kv. and addition of 3,000 kva. to a 7 feeder position 12-4 kv. substation. Consideration is being given to the building of a 7,500-kva., 69-12 kv. substation in 1958.

The East Kootenay Power Company Limited constructed two miles of 66-kv. transmission line and 21 miles of rural lines, the latter to serve seven customers in British Columbia and eight in Alberta.

The City of Revelstoke did not carry out any major changes during the year but is contemplating a 600-kw. diesel installation for the near future.

The Northwest Power Industries Limited continued field investigations for the power development on the Nass River.

The Wenner-Gren Foundation commenced preliminary investigations of the water power possibilities in the Rocky Mountain Trench area of the Peace River and will continue this work in 1958.