

Northland Utilities Limited have on hand a 1,000-h.p. unit for its Astoria River plant near Jasper but installation has been delayed pending agreement with the National Parks administration. Investigations were continued on a site on the Heart River but no decision on development has been made.

Canadian Utilities Limited increased the capacity of their diesel plants by 1,200 kw. at Grande Prairie and 625 kw. at Fort St. John. New transmission lines included 37 miles at 69 kv. and 80 miles at 22 kv. At the end of 1953 it was expected that service would be provided to 5,400 farms.

The City of Medicine Hat, in collaboration with Calgary Power Limited, completed the addition to its plant of a steam-turbo generator of 30,000 kw. capacity; for the present the output of this unit will be largely absorbed by the Company's system.

The City of Edmonton completed the installation of a 30,000-kw. gas-fired steam-turbo-generator in its power plant which serves the city and environs. Substation capacity was increased by 15,000 kva.

The City of Lethbridge completed the installation of an additional unit of 5,000 kw. in its steam-electric plant.

The Alberta Power Commission reported that a total of 23,000 farms in the province would be receiving electrical service by the end of 1953, directly from private companies or through distributing co-operatives.

Saskatchewan

The Saskatchewan Power Corporation completed a 20,000-kw. single-unit addition to its steam plant at Estevan, and has undertaken for 1954 operation the installation of a 25,000-kw. unit in the Saskatoon plant. A 4,300-kw. gas-engine generator set was installed at Unity. A number of diesel units were transferred from one location to another, such as a 500-kw. unit from Watrous to Swift Current. A new 69-kv. transmission line was built from Unity to Luseland and Kindersley, a distance of 45 miles. New substations were built at Estevan and North Battleford and additions at other points for a total increase of 25,000 kva. Farm electrification is proceeding gradually with a total of 5,500 farms receiving service at the end of the year.

The Birch Lake Mine is now receiving service from the Hudson Bay Mining and Smelting Company Limited over a 9-mile 12-kv. line from Flin Flon, Manitoba, which was built in 1953.

Manitoba

No new hydro-electric units were brought into operation in 1953 but the Manitoba Hydro-Electric Board continued construction on its McArthur Falls development of 80,000-h.p. on the Winnipeg River. The concrete gravity dam and the sluice-gates section were 80 per cent completed, the earth dam and forebay dyke were 40 per cent completed, and turbine erection was in progress in the almost completed power-house building. Four units each of 10,000 h.p. are scheduled for operation by December 1954 and plant completion in 1955.