

considered as urban and 23,865 customers classified as rural, predominantly farmers. During 1954 all these customers absorbed 472,763,014 kwh. of which 429,171,476 kwh. were generated in Corporation plants and 43,591,538 kwh. were purchased in bulk from Regina and from National Light and Power Company utilities. At the end of the year the investment of the Provincial Government in Corporation assets amounted to \$58,947,187.

During 1954 the Saskatchewan Power Corporation owned and operated four steam generating plants (at Estevan, North Battleford, Prince Albert and Saskatoon) and 10 diesel plants with capacity of over 500 kw. each (at Assiniboia, Hudson Bay, Maple Creek, Meadow Lake, Moosomin, Shaunavon, Swift Current, Unity, Wynyard and Yorkton). The total available capacity of the Corporation in generating plants at the end of 1954 was assessed at 160,080 kw., of which 139,100 kw. was located in steam plants and 30,980 kw. in diesel plants.

At the end of 1954 the Corporation owned and operated 25,356 miles of transmission and rural lines. Of this total 6,475 miles of line were added to the system in 1954 comprising 315 miles of 72,000 volt line, (Saskatoon-North Battleford, Estevan-Red Jacket, Weyburn-Assiniboia, and Cantuar-Fosterton), 310 miles of 25,000 volt line, and 5,850 miles of 14,400 volt line in connection with rural electrification. Large substations were built in 1954 with a total capacity of 38,000 kva.

23.—Growth of Saskatchewan Power Corporation (formerly Commission) 1945-54

NOTE.—Figures for 1929-33 are given at p. 499 of the 1947 Year Book and for 1934-44 at p. 578 of the 1950 edition.

Year	Communities Served in Bulk and Retail Sales	Individual Meters in Communities Served	Power Distributed	Revenue
	No.	No.	kwh.	\$
1945	150	40,968	106,539,448	2,677,289
1946	229	45,495	118,990,127	3,141,652
1947	320	63,805	160,420,859	4,442,507
1948	366	71,009	186,834,305	5,058,142
1949	420	78,389	202,135,947	5,629,372
1950	454	84,361	235,926,656	6,363,597
1951	535	93,923	278,826,919	7,159,876
1952	582	107,942	332,674,176	8,553,619
1953	631	122,676	398,211,673	10,363,752
1954	664	134,587	472,763,014	11,936,234

Alberta.—Public ownership of power generating and distributing systems in Alberta is confined to certain urban municipalities. The regulatory authority over privately owned systems is the Board of Public Utility Commissioners which has jurisdiction over the distribution and sale of electricity. The Board has power to hold investigation upon complaint made either by a municipality or by a utility company and, following such investigation, may fix just and reasonable rates.

There are three private utility services in the Province: Calgary Power Limited, Canadian Utilities Limited, and Northland Utilities Limited. A synopsis of these services is given below.

Calgary Power Limited.—This Company has nine hydro generating plants on the Bow River and its tributaries, west of Calgary, namely: Horseshoe Falls, Kananaskis Falls, Ghost River, Cascade, Barrier, Spray, Rundle, Three Sisters and Bearspaw. At Dec. 31, 1953 the Company's total plant capacity was 206,550 h.p. All the plants except Horseshoe Falls are operated by remote control from the Kananaskis Falls Plant.

The Company has four reservoirs on the Bow River and its tributaries:—

Lake Minnewanka	180,000 acre-feet
Interlakes (Kananaskis Lakes)	90,000 acre-feet
Spray Lakes	200,000 acre-feet
Ghost	74,000 acre-feet