

were generated in Corporation plants and 39,183,508 kwh. were purchased in bulk from Regina and National Light and Power utilities. Total invested capital of the Corporation at the end of 1953 (including gas distribution) amounted to \$49,900,004.

During 1953 the Saskatchewan Power Corporation owned and operated four steam generating plants (at Estevan, North Battleford, Prince Albert, Saskatoon) and 10 diesel plants with capacities over 500 kw. each (at Assiniboia, Hudson Bay, Maple Creek, Meadow Lake, Moosomin, Shaunavon, Swift Current, Unity, Weyburn and Yorkton). The total available capacity of the Corporation in generating plants at the end of 1953 was assessed at 115,535 kw., of which 97,950 kw. was located in steam plants and 17,585 kw. in diesel plants.

At the end of 1953 the Saskatchewan Power Corporation owned and operated 18,256 miles of transmission and rural lines. Of this total, 5,205 miles of line were added to the system in 1953. They comprise 104 miles of 69,000 volt-line (Kerrobart-Kindersley and Estevan-Weyburn), 253 miles of 24,000 volt-line (Ogema-Ormiston, Kennedy-Wawota, Revenue-Landis, Gravelbourg-Bateman, Canwood-Big River, Unity-Vera and minor projects), and 4,848 miles of 13,800 volt-line in connection with rural electrification. Large substations were built in 1953 with the total capacity of 12,000 kva. (at Weyburn, Battleford, Unity and Yorkton).

23.—Growth of Saskatchewan Power Corporation (formerly Commission), 1945-53

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 Customers 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

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 eight hydro-generating plants on the Bow River and its tributaries, west of Calgary, namely: Horseshoe Falls, Kananaskis Falls, Ghost River, Cascade, Barrier, Spray, Rundle and Three Sisters. 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.