

24.—Growth of the British Columbia Power Commission, Years Ended Mar. 31, 1951-54

Item	1951	1952	1953	1954
Customers..... No.	44,174	45,912	49,509	52,773
Installed plant capacity..... kw.	100,350	123,845	124,415	174,255
Circuit Miles of Line—				
Transmission (high voltage)..... miles	550	570	590 ^r	624
Distribution primaries..... "	2,393	2,541	2,704	2,995
Power Requirements—				
Generated..... kwh.	255,556,217	375,935,761	524,502,927	687,158,106
Purchased..... "	11,932,279	2,817,547	2,350,721	9,962,128
Totals, Power Requirements.... kwh.	267,488,496	378,753,308	526,853,648	697,120,234
Annual revenue..... \$	4,064,641	4,895,230	5,902,344	7,103,853
Capital Investment—				
Generation plant..... \$	18,384,774	24,748,127	26,488,225 ^r	33,678,194
Transmission plant..... \$	5,760,593	8,206,878	10,292,920 ^r	11,686,982
Distribution and general plants..... \$	9,945,223	12,359,770	14,201,418 ^r	15,957,640
Totals, Capital Investment.... \$	34,090,590	45,314,775	50,982,563^r	61,322,816

Sources of power for the year ended Mar. 31, 1954, were as follows:—

<i>Source of Power</i>	<i>kwh.</i>	<i>p.c.</i>
Hydro-electric energy.....	634,100,242	91.0
Diesel-electric energy.....	51,611,544	7.4
Steam-electric energy.....	1,446,310	0.2
Purchased power.....	9,962,128	1.4
TOTALS.....	697,120,224	100.0

The Northwest Territories and Yukon Territory.—The Northwest Territories Power Commission was created by an Act of Parliament in 1948 to bring electric power to points in the Northwest Territories where a need developed and where power could be provided on a self-sustaining basis. By legislation, passed in 1949, the Act was extended to include Yukon Territory.

The Northwest Territories Power Commission has authority to construct and operate power plants as required in a territory having an area of over 1,500,000 sq. miles. The Commission is continually investigating power needs in this large area and studying reports on hydro-electric power sites.

The Commission has a hydro-electric power development in operation on the Snare River about 94 miles northwest of Yellowknife, N.W.T. Power has been supplied from this plant to the mines in the Yellowknife area since the autumn of 1948 and, in the summer of 1949, a transmission-line connection was completed to augment the supply of power to the town of Yellowknife.

A diesel generating station and distribution system was put into operation at Fort Smith, N.W.T., in October 1950. This project supplies the various government establishments at Fort Smith, e.g., the Departments of Northern Affairs and National Resources, Transport, National Defence (R.C.C.S.), Health and Welfare, and Public Works as well as to the Royal Canadian Mounted Police and private commercial consumers and residents of the settlement.

A hydro-electric development was completed on the Mayo River approximately six miles north of Mayo Landing, Y.T., in December 1952. This plant is delivering power to the mining developments in that area and to the settlement of Mayo Landing.

The total capital investment of the Commission as at Mar. 31, 1954, was approximately \$8,861,660.