

## 24.—Growth of the British Columbia Power Commission, Years Ended Mar. 31, 1950-53

Item	1950	1951	1952	1953
Customers..... No.	39,626	44,174	45,912	49,509
Installed plant capacity..... kw.	97,640	100,350	123,845	124,415
Circuit Miles of Line—				
Transmission (high voltage)..... miles	458	550	570	646
Distribution primaries..... "	1,958	2,393	2,541	2,704
Power Requirements—				
Generated..... kwh.	157,946,073	255,556,217	375,935,761	524,502,927
Purchased..... "	10,737,665	11,932,279	2,817,547	2,350,721
<b>Totals, Power Requirements... kwh.</b>	<b>168,683,738</b>	<b>267,488,496</b>	<b>378,753,308</b>	<b>526,853,648</b>
Annual revenue..... \$	3,267,469	4,064,641	4,895,230	5,902,344
Average revenue per kwh. (sold)..... cts.	2.3	1.8	1.5	1.3
Capital Investment—				
Generation plant..... \$	18,081,014	18,384,774	24,748,127	..
Transmission plant..... \$	5,484,615	5,760,593	8,206,878	..
Distribution and general plants..... \$	7,843,076	9,945,223	12,359,770	..
<b>Totals, Capital Investment ... \$</b>	<b>31,408,705</b>	<b>34,090,590</b>	<b>45,314,775</b>	<b>..</b>

Sources of power for the year ended Mar. 31, 1953, were as follows:—

Source of Power	kwh.	p.c.
Hydro-electric energy.....	485,290,014	92.3
Diesel-electric energy.....	39,203,413	7.3
Steam-electric energy.....	9,500	0.1
Purchased power.....	2,350,721	0.3
<b>TOTALS.....</b>	<b>526,853,648</b>	<b>100.0</b>

**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 in operation a hydro-electric power development on the Snare River some 94 miles northwest of Yellowknife, N.W.T. Power has been supplied from this plant since the autumn of 1948 to the mines in the Yellowknife area 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 Resources and Development, Transport, National Defence (R.C.C.S.), Health and Welfare, and Public Works as well as the Royal Canadian Mounted Police and private commercial consumers and residents of the settlement.

A new 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 Dec. 31, 1952, was approximately \$8,500,000.