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WATER POWERS OF BRITISH COLUMBIA

(Continued From Page 4.)

as constitutes British Columbia with other areas, elsewhere situated, differing markedly in physical characteristics.

An examination of the data tabulated in the report shows that the total estimated water-power of the Province is 3,000,000 horse-power, but of this amount 500,000 horse-power cannot be considered, at least for many years to come, in the light of economical development because of the proximity of railways, or possible interference with the salmon industry. The total available 24-hour power may be placed at about 2,500,000 horse-power. It must be remembered, however—and this the report also emphasizes—that there is still considerable territory, especially in the northern part of the Province, to be more fully investigated. Therefore, taking into consideration also the fact that more storage possibilities will undoubtedly be discovered, one may in the future expect an increase in the known power of the Province. In considering the distribution of this power, it may be gathered from the report that the estimated utilizable water powers of the coastal region total approximately 1,000,000 horse-power, and of the interior region, 1,500,000 horse-power. Forty per cent. of the water-power of the Province is therefore associated with less than twenty per cent. of its area. In the railway belt there is about 400,000 horse-power. With regard to the actual developments in the Province, it is noted that the installed capacity of the developed powers totals, in round figures, 300,000 horse-power, of which some 240,000 horse-power are in the coastal region, and 60,000 horse-power are in the interior. About 125,000 horse-power of the developed power lies within the territory known as the railway belt.

The coastal powers include the large developments in connection with the cities of Vancouver and Victoria, several pulp and paper mills and some important mining developments. In connection with the latter, the report points out that the Canadian Collieries, Limited, have found it profitable to make an important development for the purpose of supplying power to operate their large coal mines. In the interior, the bulk of the water-power at present generated is concentrated at the three houses of the West Kootenay Power and Light Company on the Kootenay River. The power supplies the mining district to the south-west and various municipalities therein. This power has specially contributed to the development of this part of the Province. The three largest developments at present are the British Columbia Electric Railways Company's Coquitlam-Buntzen development near Vancouver, with an installed capacity of 84,000 horse-power, and a head of 400 feet; the Western Power Company of Canada, with development on the Stave River having an installation of 40,000 horse-power, and a head of 120 feet; and the developments on the Kootenay River just referred to have a total capacity of 40,000 horse-power operating under heads of 70 feet and 34 feet. The highest head developed in the Province is one

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