
Province of British Columbia

the shore of Burrard Inlet, an arm of the sea. By the construction of a concrete dam at the north end of Lake Buntzen, an ideal forebay reservoir was obtained.

ULTIMATE DEVELOPMENT

When the original tunnel was designed it was thought that ample provision had been made for any increased demand for water which might occur on account of extensions to Plant No. 1, Lake Buntzen, but the rapid development and growth of the district around Vancouver soon made it evident that the demand for power would in a very short time exceed the maximum capacity of the tunnel. After careful investigation it was decided that the existing development could be considerably enlarged so as to utilize almost the entire run-off of the Coquitlam watershed. The enlargement of the Coquitlam-Buntzen tunnel, and the construction of a dam to increase the storage capacity of Coquitlam Lake was therefore decided upon; extensions were also carried out at the Power House. By the time the enlargement of the tunnel had been completed, June 1911, the rate of growth of the Company's load was such that the construction of an entirely new plant at Lake Buntzen was decided upon. The preliminary work for this new plant was commenced in the autumn of that year, and the first unit in Power House No. 2 was placed in operation in October, 1913.



Coquitlam-Buntzen Development. Old Crib Dam, Coquitlam Lake.