

PORT ALBERNI.

Municipality of Port Alberni. (Fuel Power Plant No. 8HB₁). May, 1918.

Officials.—A. D. MacIntyre (Mayor); R. F. Blandy (Treas.).

History.—Plant installed in 1913.

Capital invested in Plant and Equipment.—\$42,500.

Plant. *Official.*—Geo. Swanson (Electn.).

Location.—Plant located in Port Alberni, adjacent to Canadian Pacific Ry.

Installation.—Oil Engine—1 Aktiebolaget Diesel, 150 h.p.; Generator—1 Can.

Gen. Elect., A.C., 3-phase, 60-cycle, 2,300 v., 125 k.v.a., 277 r.p.m.; Exciter—

Direct connected to main generator.

Power. *Local distribution lines* serve the municipalities of Port Alberni and Alberni.

Use of Power.—Power is used for lighting.

Power is delivered adjacent to Canadian Pacific Ry. and coastal navigation.

Power rate—6.3 cents per k.w. hr. net.

PORT MOODY.

Served by British Columbia Electric Railway Co., Ltd.; see Vancouver, B.C.

POWELL RIVER.

Powell River Company, Ltd. (Hydro Power Plant No. 8GB₁). July, 1918.

Address.—Head Office, 804 Standard Bank Bldg., Vancouver, B.C. Local Office, Powell River, B.C.

Directors.—D. F. Brooks, Minneapolis; M. J. Seanton, Minneapolis; A. S. Brooks, Minneapolis; N. R. Lang, Vancouver, B.C.; F. T. Griffith, Portland.

Officials.—D. F. Brooks, Minneapolis, Minn. (Pres.); N. R. Lang, Vancouver, B.C. (Mng. Dir.); H. K. Brooks, Bend, Oregon (Sec.).

History.—Plant installed in April, 1912; additional units installed in May, 1913.

Capital.—Authorized, \$5,000,000. Issued, \$3,500,400.

Capital invested in Plant and Equipment.—\$1,237,690.

Plant. *Officials.*—Wm. McBain, Powell River, B.C. (Mill Mgr.); C. A. Schram, Powell River, B.C. (Asst. to Mill Mgr.); W. B. Qumwalt, Powell River, B.C. (Supt.).

Location.—Plant located on Powell river at Powell River, B.C., on Malaspina straits.

Installation.—Plant operates under an average head of 147 feet. Water is conveyed from forebay intake to power-house by three pipe lines, one wood stave pipe and two riveted steel pipes. Turbines—2 Allis-Chalmers, 42-inch, hor., Francis, single runner, 3,000 h.p. each, 375 r.p.m., direct connected to generators, 1 Platt, 48-inch, hor., single runner, 3,600 h.p., 375 r.p.m., direct connected to generators, 2 Allis-Chalmers, 36-inch, hor., Francis, double runner, 3,600 h.p. each, 225 r.p.m., connected to grinders, 2 Platt, 54-inch, hor., single runner, 3,600 h.p. each, 225 r.p.m., connected to grinders, total 24,000 h.p.; Generators—2 Can. Gen. Elect., A.C., 3-phase, 50-cycle, 1,500 k.w. each, 375 r.p.m., 1 Can. Gen. Elect., A.C., 3-phase, 50-cycle, 2,000 k.w., 375 r.p.m., total 5,000 k.w.; Exciters—1 motor, 3-phase, 600 v., 1,000 r.p.m., 1 generator, 150 k.w., 1,000 r.p.m., 1 generator, 36 k.w., 375 r.p.m., 2 generators, 30 k.w. each, 375 r.p.m.

Power. *Transmission Lines.*—2.1 miles of wooden pole line serves the municipality of Powell River, B.C.

Use of Power.—Power is used for operation of pulp and paper mills and a small amount for lighting.

Power is delivered adjacent to ocean navigation.

The company contemplates an additional installation of 9,000 h.p., completing the designed capacity of the plant.

BRITISH COLUMBIA.