

Whalen Pulp and Paper Mills, Ltd.—Con.

Plant. The plant is operated in connection with the company's mill. Water is obtained from Mill creek and Cedar creek. The total turbine capacity is 1,530 h.p. and the generator capacity 150 k.w.

Power. Practically all the power is used in the operation of the company's mill. A small amount of power is distributed in Mill Creek for lighting. The company also operates plants at Swanson Bay and Quatsino, B.C.

MISSION CITY.

April, 1918.

Mission Water, Light and Power Company, Ltd. (Hydro Power Plant No. 8MH₁).

Address.—Mission City, B.C.

Owner.—H. Windebank, Mission City, B.C.

History.—Plant installed in 1913.

Capital invested in Plant and Equipment.—\$10,000.

Plant. *Location.*—Plant located on Silver Creek.

Installation.—Plant operates under an average head of 200 feet; Turbine—1 Jas. Gordon, 50-inch, hor., 70 h.p., 1,200 r.p.m.; Generator,—1 Chapman & Walker, A.C., 3-phase, 55 k.v.a., 1,200 r.p.m.; Exciter—1 generator, 14 k.w., 1,200 r.p.m.

Power. *Local distribution lines* serve the municipality of Mission City.

Use of Power.—Power is used for lighting only.

Power is delivered adjacent to Canadian Pacific Ry.

Served also by—

Western Power Company of Canada; see Vancouver, B.C.

MOUNT OLIE.

Mount Olie Electric Light Plant. (Hydro Power Plant No. 8LB₂). Jan., 1918.

Address.—Mount Olie, B.C.

Owner.—J. H. Latremouille.

Plant. *Location.*—Plant located on Nikalliston creek.

Installation.—Plant operates under an average head of 48 feet; water is conveyed from dam to power-house by 600 feet of 16-inch wood-stave pipe; Turbine—1 Chas. Barber, 16-inch, hor., 60 h.p., 580 r.p.m.; Generator—1 Can. Gen. Elect., A.C., 3-phase.

Power. This plant has not operated since 1916.

Use of Power.—Power formerly used for lighting only.

Power was delivered adjacent to Canadian Northern Ry.

NANAIMO.

The Nanaimo Electric Light, Power and Heating Company, Ltd. (Hydro Power Plant No. 8HB₂). April, 1918.

Address.—Nanaimo, B.C.

Officials.—Jos. Hunter, Victoria (Pres.); Wm. Lewis, Nanaimo (Sec. and Gen. Mgr.).

History.—Pelton wheel installed in 1905, one generator installed in 1906, one in 1911. A steam engine and generator installed in 1913.

Capital invested in Plant and Equipment.—\$167,683.

Plant. *Officials.*—H. Alexander, Nanaimo (Supt.); F. W. Byers, Nanaimo (Ch. Engr.); J. W. Parken, Nanaimo (Eng. Pwr. Sta.).

Location.—Plant located on Millstone river; auxiliary steam plant located in same building as hydraulic plant.

Installation.—Turbine—1 Pelton, impulse, 3 wheels, 2 nozzles each, 450 h.p., 165 r.p.m.; Generators—1 Can. Gen. Elect., A.C., 3-phase, 60-cycle, 150 k.w., 600 r.p.m., 1 Can. Gen. Elect., A.C., 3-phase, 60-cycle, 250 k.w., 600 r.p.m.

BRITISH COLUMBIA.