

Municipality of Kamloops.—Con.**Plant.—Con.**

water-cooled, oil insulated, primary 2,200 v., secondary 44,000 v.; Auxiliary Plant—2 Gen. Elect., steam turbines, 1,000 h.p. each, 2 generators, 3-phase, 900 k.w. each, 1 Gen. Elect., steam turbine, 30 h.p. (used as exciter).

Power. *Transmission Lines*,—45 miles of wooden pole line serves the municipality of Kamloops.

Use of Power,—Power is used for lighting, operation of electric railway, general manufacturing, operation of copper and gold mines, general power purposes and pumping water for municipal supply and irrigation purposes.

Power is delivered adjacent to Canadian Pacific Ry., and Canadian Northern Ry. The municipality has at present available for sale 1,000 h.p. at rates ranging from 1 to 2 cents per k.w. hr.

Present power plant is designed for an additional capacity of 3,000 h.p.

KASLO.

Municipality of Kaslo. (Hydro Power Plant No. 8NH₁). Jan., 1918.

Officials,—Jas. Anderson (Mayor); Wm. E. Hodder (Clerk).

History,—Plant installed by the Kootenay Electric Company, Ltd., in 1897, with new generator in 1907, and purchased by municipality of Kaslo in 1915.

Capital invested in Plant and Equipment,—\$27,059.

Plant. *Official*,—Fred. D. Emory, Kaslo (Supt. and Electn.).

Location,—Plant located near mouth of Kaslo creek, 1½ mile from Kaslo.

Installation,—Plant operates under an average head of 40 feet; Turbine—1 Wm. Kennedy, 19-inch, hor., double runner, 250 h.p., 428 r.p.m.; Generator—1 West., A.C., 2-phase, 60-cycle, 120 k.w., 720 r.p.m.; Exciter—1 generator, 2.75 k.w., 2,100 r.p.m., belted to main generator shaft.

Power. *Transmission Lines*,—2 miles of wooden pole line serve the municipality of Kaslo.

Use of Power,—Power is used for lighting and general power purposes.

Power is delivered adjacent to Canadian Pacific Ry.

KELOWNA.

Municipality of Kelowna. (Fuel Power Plant No. 8NM₂). May, 1918.

Officials,—D. W. Sutherland (Mayor); G. H. Dunn (Clerk and Treas.).

History,—Plant installed in 1908 with additional units in 1911 and 1914.

Capital invested in Plant and Equipment,—\$57,377.

Plant. *Official*,—John McMillan (Ch. Engr.).

Location,—Plant located in Kelowna on shore of Okanagan lake and adjacent to lake navigation.

Installation,—Steam Engines—1 Robb, reciprocating, 95 h.p., 1 Goldie & McCullough, reciprocating, 200 h.p., 1 Goldie & McCullough, reciprocating, 325 h.p., total 620 h.p.; Generators—1 West., A.C., 3-phase, 60-cycle, 50 k.v.a., 277 r.p.m., 1 Fairbanks-Morse, A.C., 3-phase, 60-cycle, 100 k.v.a., 257 r.p.m., 1 Can. Gen. Elect., A.C., 3-phase, 60-cycle, 250 k.v.a., 450 r.p.m., total 400 k.v.a.; Exciters—1 generator, 10 k.w., 2 generators, 7.5 k.w. each.

Power. *Local distribution lines* serve the municipality of Kelowna.

Use of Power,—Power is used for lighting and general power purposes.

Power is delivered adjacent to Okanagan lake navigation.

The municipality has 250 kilowatts available for sale at rates ranging from 9 to 4 cents per k.w.hr., with a discount of 33½ per cent.

BRITISH COLUMBIA.