

The Nanaimo Electric Light, Power and Heating Company, Ltd.—Con.**Plant.—Con.**

total 400 k.w.; Auxiliary Plant—1 boiler 189 h.p., 1 J. Hawden reciprocating steam engine, 450 h.p., 1 Peebles, A.C., 3-phase, 60-cycle, 300 k.w. generator.

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

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

Power is delivered adjacent to Esquimalt and Nanaimo Ry. (C.P.Ry.), and coastal navigation.

NARAMATA.

Feb., 1918.

The Okanagan Securities Company, Ltd. (Hydro Power Plant No. SNM₁).

Address.—Naramata, B.C.

Capital invested in Plant and Equipment.—\$5,221.

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

Installation.—Turbine—1 Pelton, 60 h.p.; Generator—1 A.C., 30 k.w.; Exciter—1 generator, D.C., 3.25 k.w., direct connected to main generators.

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

The plant has not operated recently due to shortage of water supply.

NELSON.

Municipality of Nelson. (Hydro Power Plant No. SNJ₂). July, 1918.

Officials.—M. R. McQuarrie (Mayor); W. E. Wasson (City Clerk); Dr. W. O. Rose (Comm. Comm.).

History.—Original hydro-electric plant acquired by the municipality about 1898, and replaced by new hydraulic plant in 1907. An additional unit was installed in 1909.

Capital invested in Plant and Equipment.—\$346,380.

Plant. *Officials.*—Herbert P. Thomas (Supt. and City Electn.); T. Needham (Engr. Pwr. Sta.).

Location.—Plant located at Upper Bonnington falls, on Kootenay river, at Bonnington Falls station on Canadian Pacific Ry., about 10 miles west of Nelson.

Installation.—Plant operates under an average head of 60 feet. Intake located above falls, and plant built at foot of falls with short steel penstock from forebay to plant.; Turbines—1 Allis-Chalmers-Bullock, 55-inch, vert., single runner, 1,800 h.p., 180 r.p.m., 1 Allis-Chalmers-Bullock, 53-inch, vert., single runner, 1,600 h.p., 180 r.p.m., total 3,400 h.p.; Generators—1 Allis-Chalmers-Bullock, A.C., 3-phase, 60-cycle, 750 k.w., 180 r.p.m., 1 Allis-Chalmers-Bullock, A.C., 3-phase, 60-cycle, 1,000 k.w., 180 r.p.m., total 1,750 k.w.; Exciters—2 generators, 50 k.w. each, belted to main generator shafts.

Power. *Transmission Lines.*—11½ miles of wooden pole line serves the municipality of Nelson.

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

Power is delivered adjacent to Canadian Pacific Ry.

The municipality has at present available for sale 1,000 k.w.

The plant is designed for an ultimate turbine capacity of about 8,000 h.p. and the municipality contemplates installing additional units at some future date.

NEW DENVER.

Feb., 1918.

The Denver Light and Power Company, Ltd. (Hydro Power Plant No. SNJ₃).

Address.—New Denver, B.C.

Official.—Colin J. Campbell, New Denver (Mgr.).

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BRITISH COLUMBIA.