

PRINCE GEORGE.

Municipality of Prince George. (Fuel Power Plant No. 8JC₁). Feb., 1918.

Officials.—H. G. Perry (Mayor); H. A. Cameron (Clerk).

History.—Plant installed January, 1917.

Capital invested in Plant and Equipment.—\$71,960.

Plant. *Location.*—Plant located in Prince George, B.C.

Installation.—Oil Engines—2 Type Y, Fairbanks-Morse, semi-diesel, 150 h.p. each, total 300 h.p.; Generators—1 Minneapolis Elect., A.C., 3-phase, 60-cycle, 160 k.w., 900 r.p.m., 1 Fairbanks-Morse, A.C., 3-phase, 60-cycle, 100 k.w., 900 r.p.m., total 260 k.w.

Power. *Local distribution lines* serve the municipalities of Fort George, South Fort George and Prince George.

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

Power is delivered adjacent to the Grand Trunk Pacific Ry., and Fraser River navigation.

PRINCE RUPERT.

Municipality of Prince Rupert. (Hydro Power Plant No. SEG₁). July, 1918.

Officials.—Thos. McClymont (Mayor); F. Peters, K.C. (City Clerk).

History.—Plant installed in November, 1914.

Capital invested in Plant and Equipment.—\$156,500.

Plant. *Official.*—T. C. Duncan (Supt.).

Location.—Hydro-electric plant located 5½ miles east of Prince Rupert at outlet of Woodworth lake; auxiliary steam plant located in Prince Rupert, B.C.

Installation.—The plant operates under an average head of 253 feet. The water is conveyed from the dam, at the outlet of Woodworth lake, to the powerhouse through a 45-inch pipe, 7,800 feet long; Turbine—1 Can. Allis-Chalmers, 75-inch, hor., single runner, 1,650 h.p., 514 r.p.m.; Generator—1 Can. Gen. Elect., A.C., 3-phase, 60-cycle, 1,125 k.v.a., 514 r.p.m.; Exciter—1 Can. Gen. Elect. generator, 15 k.w., 514 r.p.m.; Auxiliary Plant—2 Ridgway, reciprocating steam engines, 165 h.p. each, 1 reciprocating steam engine 150 h.p., total 480 h.p.; 3 A.C., 3-phase, 60-cycle, generators, 100 k.w. each, total 300 k.w.

Power. *Transmission Lines.*—5½ miles of wooden pole line serves the municipality of Prince Rupert.

Use of Power.—Power is used for lighting and for general industrial purposes, including operation of saw-mills, ore conveyors, Grand Trunk dry dock and wharves, fish-handling plants, Provincial Government wharf, hoists, etc., coal-handling machinery and also for numerous small power purposes.

Rates for power based on a connected load of 21 h.p. to 100 h.p. inclusive of 720 watts per horse-power per month, vary from 4 cents per connected kilowatt up to and including 100 kilowatt hours per month, to 1 cent per connected kilowatt for 720 kilowatt hours per month and over.

Power is delivered adjacent to Grand Trunk Pacific Ry., and Pacific Ocean navigation.

PRINCETON.

Princeton Coal and Land Company. (Fuel Power Plant No. SNI₁). Jan., 1918.

Address.—Princeton, B.C.

Official.—J. Smellie, Princeton, B.C. (Acct.).

History.—Plant installed in 1914.

Capital invested in Plant and Equipment.—\$8,000.

Plant. *Location.*—Plant located at Princeton, B.C.

Installation.—Steam Engine—1 reciprocating, 75 h.p.; Generator—1 West., A.C., 3-phase, 60-cycle, 50 k.w.

BRITISH COLUMBIA.