

Municipality of Calgary.—Con.**Power.—Con.**

The plant is designed for an ultimate capacity of 25,000 k.w.

The municipality has at present available for sale 10,000 h.p.; power rates range from 2 cents to $\frac{3}{4}$ cent per k.w. hr.

Calgary Power Company, Ltd. Nov., 1918.

Address.—Head Office, 164 St. James St., Montreal, Que.; Local Office, Seebe, Alta.

Directors.—R. B. Bennett, K.C., Calgary, Alta.; Sir W. M. Aitken, London, Eng.; A. E. Cross, Calgary, Alta.; H. A. Lovett, K.C., Montreal, Que.; E. R. Wood, Toronto, Ont.; C. C. Giles, Montreal, Que.; V. M. Drury, Montreal, Que.; Thomas Hood, Montreal, Que.; Geo. Robinson, Calgary, Alta.

Officials.—R. B. Bennett, K.C., Calgary, Alta. (Pres. and Mng. Dir.); V. M. Drury, Montreal, Que. (Sec.).

History.—This company operates two plants, one at Horseshoe falls, and one at Kananaskis falls on Bow river. Horseshoe Falls plant was installed in 1911, with additional units in 1913. Kananaskis Falls plant was installed in 1913.

Capital.—Authorized, \$3,000,000. Issued, \$1,850,000.

Bonds.—Authorized, \$616,400. Issued, \$616,400.

Capital invested in Plant and Equipment.—\$4,903,380.

Plants. Official.—F. J. Robertson, Seebe, Alta. (Supt.).**Kananaskis Falls Plant.** (Hydro Power Plant No. 5BE₁).

Location.—Plant located at Kananaskis Falls, on Bow river, near Seebe, Alta., about 52 miles west of Calgary, and adjacent to Canadian Pacific Ry.

Installation.—Plant operates under an average head of 68 feet. Water is conveyed from dam to power-house through tunnels. Turbines—2 Allis-Chalmers, vert., single runner, 5,800 h.p. each, 163.5 r.p.m., total 11,600 h.p.; Generators—2 Swedish Gen. Elect., A.C., 3-phase, 60-cycle, 4,250 k.v.a. each, 163.5 r.p.m., total 8,500 k.v.a.; Exciters—1 turbine, vert., 100 h.p., 600 r.p.m., 1 generator, 74.75 k.w., 600 r.p.m., 1 motor generator set, motor 3-phase, 2,200 v., 860 r.p.m., generator, 74.95 k.w.

Horseshoe Falls Plant. (Hydro Power Plant No. 5BE₂).

Location.—Plant located at Horseshoe Falls, on Bow river, near Seebe, Alta., about 50 miles west of Calgary, and adjacent to Canadian Pacific Ry.

Installation.—Plant operates under an average head of 70 feet. Water is conveyed from dam to power-house through four pen-stocks, two 9½ feet in diameter and two 12 feet in diameter, each 250 feet in length. Turbines—2 Wellman-Seaver-Morgan, hor., double runners, 6,000 h.p. each, 225 r.p.m., 2 Jens Orten-Boying, hor., double runner, 4,000 h.p. each, 300 r.p.m., total 20,000 h.p.; Generators—2 Can. Gen. Elect., A.C., 3-phase, 60-cycle, 2,500 k.v.a. each, 300 r.p.m., 2 Can. Gen. Elect., A.C., 3-phase, 60-cycle, 4,000 k.v.a. each, 225 r.p.m., total 13,000 k.v.a.; Exciters—2 turbines, hor., 235 h.p. each, 700 r.p.m., 2 generators, 175 k.w. each, 700 r.p.m.; Transformers—2 banks of 2 Can. West., 3-phase, water-cooled, oil insulated, primary 12,000 v., secondary 55,000 v., 3,000 k.v.a. each.

Power. Transmission Lines.—111 miles of pole line (both plants combined) serve municipalities of Calgary and Cochrane and the Canada Cement Company at Exshaw.

Use of Power.—Power is used for lighting, operation of street railway, general manufacturing and general power purposes. Power is sold in bulk to the municipalities of Calgary and Cochrane for distribution.

Power is delivered adjacent to Canadian Pacific Ry., Canadian Northern Ry., and Grand Trunk Pacific Ry.

The company has at present available for sale 14,000 h.p.

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ALBERTA.