

Plant. *Location.*—Plant located at Drumheller, Alta.

Installation.—Steam Engine—1 Robb-Armstrong, reciprocating, 200 h.p.; Generator—1 Crocker-Wheeler, A.C., 3-phase, 60-cycle, 100 k.v.a., 900 r.p.m.

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

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

Power is delivered adjacent to Canadian Northern Ry.

EDMONTON.

The Alliance Power Company, Ltd. (Fuel Power Plant No. 5DF₁). Sept., 1918.

Address.—Edmonton, Alta.

Officials.—R. B. Bennett, K.C., Calgary, Alta. (Pres.); Chas. E. Taylor, Edmonton, Alta. (Mng. Dir.); D. L. Redman, M.P., Edmonton, Alta. (Sec.).

History.—Original plant placed in operation in 1891. Present units were installed in 1910, 1911, 1913 and 1914. The plant is owned by the municipality of Edmonton and was leased to the Alliance Power Company, Ltd., for a term of five years from July 1, 1916.

Capital invested in Plant and Equipment.—\$2,839,406.

Plant. *Location.*—Plant located on 104th St., Edmonton, Alta., and adjacent to spur line connected to Canadian Northern Ry., Canadian Pacific Ry., and Grand Trunk Pacific Ry.

Installation.—Boilers—Babcock and Wilcox, total 7,200 h.p.; Steam Engines—4 reciprocating, total 3,620 h.p.; Steam Turbines—3, total 10,900 h.p.; total prime power, 14,520 h.p.; Generators—2 Crocker-Wheeler, D.C., 400 k.w. each, 350 r.p.m., 1 Siemens, D.C., 750 k.w., 285 r.p.m., 1 Can. Gen. Elect., A.C., 3-phase, 60-cycle, 1,000 k.w., 120 r.p.m., 1 West., A.C., 3-phase, 60-cycle, 2,500 k.v.a., 3,600 r.p.m., 1 Siemens, A.C., 3-phase, 60-cycle, 2,500 k.v.a., 3,600 r.p.m., 1 Siemens, A.C., 3-phase, 60-cycle, 5,000 k.v.a., 1,800 r.p.m., total 2,550 k.w. and 10,000 k.v.a.; Motor Generators—1 Siemens, A.C., 3-phase induction motor, 425 h.p., 440 r.p.m., West. D.C. generator, 300 k.w., 435 r.p.m.; 1 Can. Gen. Elect., A.C., 3-phase induction motor, 375 h.p., 720 r.p.m., Can. Gen. Elct. D.C. generator, 720 r.p.m.

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

Use of Power.—Power is used for lighting, operation of street railway, general manufacturing, operation of municipal pumping plant, and general power purposes. Power is sold in bulk to the municipality of Edmonton.

Power is delivered adjacent to Canadian Pacific Ry., Canadian Northern Ry., Grand Trunk Ry., Edmonton, Dunvegan and British Columbia Ry., and Alberta and Great Waterway Ry.

Municipal power rates vary from 3 cents to 1 cent per k.w. hr., with 10 per cent discount.

EXSHAW.

Served by Calgary Power Company, Ltd. (See Calgary, Alta.)

FORT SASKATCHEWAN.

Municipality of Fort Saskatchewan. (Fuel Power Plant No. 5EB₁). Jan., 1918.

Officials.—J. W. Kidney (Mayor); H. F. Greenwood (Sec.-Treas.).

History.—Plant installed in December, 1912.

Capital invested in Plant and Equipment.—\$7,300.

Plant. *Official.*—E. Barnott (Supt.).

Location.—Plant located in Fort Saskatchewan, Alta.

Installation.—Boiler—1 Goldie-McCullough, 140 h.p.; Steam Engine—1 Goldie-McCullough, reciprocating, 90 h.p.; Generator—1 Can. Gen. Elect., A.C., 2-phase, 60-cycle, 72 k.w., 1,000 r.p.m.

Power. *Local distribution lines* serve the municipality of Fort Saskatchewan.

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

Power is delivered adjacent to Canadian Northern Ry.