

- 1-750 K. W. Curtis Turbine generator set.
- 1-1000 K. W. Parsons Turbine generator set.
- 1-300 K. W. Steam Engine and generator set.
- 11-250 H.P. Babcock & Wilcox Boilers.
- 1- Pump reservoir, capacity 300,000 gals.
- 1- Storage Reservoir, capacity 6,000,000 gals.
- * Not at present in use.

The 5,000,000 gals. electric fire pump and the pumps at wells 3, 4 and 5, are connected with the power system of the Winnipeg Electric Railway Co., the generating plant, above mentioned, being held in reserve. Each of the wells 3, 4, 5 and 6 is fitted with electrically driven pumps of a capacity of 2,500,000 gallons per day. Wells 3 and 4, as at present operated, will not furnish this quantity of water. Well No. 5 supplies from $2\frac{1}{2}$ to 3 millions of gallons per day, with a depth of 60 ft. of water remaining in the well. In this well is being installed a second $2\frac{1}{2}$ million gallon pump. Well No. 2 is served by the 5,000,000 gallon 80 lb. pump above mentioned, working at about 50 per cent. of its capacity.

The ordinary pressure carried in the mains is 50 lbs. This is increased to 80 lbs. pressure on alarm, in case of fire, the time required to raise the pressure being from one to two minutes.

With the 6,300,000 gallons reserve in the reservoirs, the following quantities of water can be pumped into the mains:—

For a period of	3 hours	.....	7,800,000	gals.
"	"	" 6 "	.....	9,300,000 "
"	"	" 9 "	.....	10,800,000 "
"	"	" 12 "	.....	12,300,000 "
"	"	" 24 "	.....	18,300,000 "