

TWO MUNICIPAL LIGHTING PLANTS.

We print herewith illustrations of municipal lighting plants recently installed by the United Electric Company

In a letter to the Company the reeve of the municipality expresses his appreciation and that of the citizens with the satisfactory working of the plant, and refers particularly to the good regulation and freedom from heating. Over 600 16 c.p. lights have already been installed.



MUNICIPAL PLANT, BEETON, ONT.

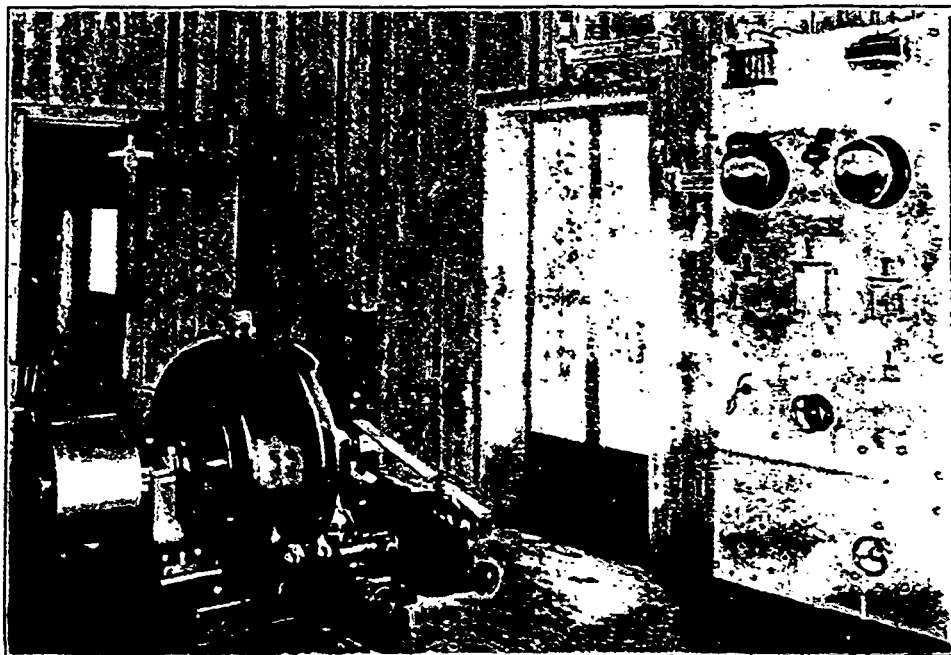
in the towns of Acton and Beeton. Some particulars of the former were printed in a previous number. The plant is installed in a stone building, 24 x 50 feet, and includes a 50 kilowatt alternating current generator with a capacity of 800 incandescent lights, a 2 panel marble switchboard fully equipped. Power is supplied by a 75 h.p. Wheelock engine manufactured by the Goldie & McCulloch Co., of Galt. The main driving belt is 16 inches in width and 65 feet long, and the dynamo a 10 inch, double, endless. There are fifty-six 32 candle power incandescent street lamps, arranged in two circuits independent of each other, and a third independent circuit for domestic and commercial service. The Beeton plant is very similar to the one at Acton. Besides furnishing light for the streets and commercial and domestic use current is supplied for 200 incandescent lights at the County House of Industry.

GLASGOW AND ELECTRICAL PROGRESS.

ALTHOUGH Glasgow may consider itself in many respects the centre of light and leading, it has by no means made astonishing progress in municipal electrical work. The population of Glasgow is 657,000, and the rateable value £4,046,726; Manchester, on the other hand, has a population of 530,000, and a rateable value £2,911,083. Curiously enough, the municipal control of electric lighting commenced in these cities within a few months of each other, but the latest returns show a marked difference in the two systems, as will be seen from the following figures:

	35 watt lamps.	Units sold.	Revenue.
Manchester	23,595	1,748,244	£38,253
Glasgow.....	79,140	1,090,959	£25,862

For years past the Glasgow Corporation has owned probably the most paying system of tramways in the kingdom, and four or five years ago a committee collected an amazing mass of information on the subject of working tramways by electrical means; moreover, it was generally accepted that electrical working was far and away the best system. Four years ago the tramways in Leeds were owned and worked by a company, yet to-day the Corporation of Leeds has not only taken over the whole of the city tramways, but has equipped 10 miles with the overhead trolley system—and Glasgow to-day is in a difficulty about running a short experimental line on the same



MUNICIPAL PLANT, ACTON, ONT.

system. Notwithstanding, Glasgow has sufficient confidence in itself to be desirous of acquiring and working a telephone system.—Electrical Review, London, Eng.