

Toronto, Ont.; Vegreville Electric Light Co., Vegreville, Alberta; Essex Roller Mills, Essex, Ont., and Megantic Electric Light Co., Lake Megantic, Que.

Recently a 12 days test was run on a Hornsby-Stockport gas engine of 190 H.P. at the Itchell Pumping Station, Crondall, England. During this test the average coal consumption per brake horse power was only 79 one-hundredths of a pound.

On January 12th last, Wm. Robinson, Professor of Engineering at University College (Engineering Department), Nottingham England, reported test on a 100 H.P. Hornsby-Stockport suction gas engine with the result of only 72 one-hundredths of a pound of coal per brake horse power hour, and closes his report with "This is remarkably low and one of the best results obtained for suction gas plants, as far as I am aware. The cost of fuel in this plant was only 5 to 7 one-hundredths of a penny (equal to 1 tenth to 14 one-hundredths of a cent, or a fuel cost of only \$3.00 per year per brake horse power.)

"The results obtained on a small engine of 22 horse power were extremely good; the thermal efficiency being remarkably high for so small an engine. These suction plants (Hornsby-Stockport) are simple and easy to work, requiring little labor and attention, and are most economical in fuel consumption."

Professor Robinson, at the same time,