

Motor running shaft alone.. . . .	1,050 watts.. . . .	1.4 H.P.
Starting to open gate.. . . .	3,200 watts.. . . .	4.42 H.P.
Opening gate, 10 sec. from start.. . . .	2,500 watts.. . . .	3.3 H.P.
Closing gate at start, heavy wind blowing against gate.. . . .	4,200 watts.. . . .	5.6 H.P.

The induction motors are 220 volt three phase moters. To stop down the 2,400 volt of the transmission lines, three 5 K.W. transformers are placed on a pole at each lock. Lead covered cables run down the poles in iron pipes and then underground to the masonry walls of the locks to the gates at the pivoting point.

Only the lower voltage will be distributed about the locks.