Switchboard 1= K1 + K2

= 100 + 100 watt

= 200 watt

Switchboard 2= F1 + SS1 + L1 + TS1 + T1 + SL1 + K3

= 45 + 150 + 100 + 120 + 150 + 100 watt

= 665 watt

Switchboard 3= F2 + SL2 + T2 + L2 + TS2 + K5 + 15_1 + K4 + SS2 +K14

=45 + 150 + 100 + 100 + 120 + 100 + 2000 + 100 + 150 + 100 watt

=2965 watt

Switchboard 4= F3 + F4 + CH1 + SS3 + L3 + ST1 + L4 + L6 + TS3 + T3 + 15_2 + T4

= 45 + 45 + 400 + 150 + 100 + 150 + 100 + 100 + 120 + 180 + 100 watt

=1490 watt

Switchboard 5= ST3 + SL3 + K8 + L11

= 150 + 150 + 100 + 100 watt

= 500 watt

Switchboard 6 = ST6 + SL6 + L10 + K11

= 150 + 150 + 100 + 100 watt

= 500 watt

Switchboard 7= F6 + SS4 + L5 + TS4 + L6 + K6 + 15_3 + T5 + K13

= 45 + 150 + 100 + 120 + 100 + 100 + 2000 + 100 + 100 watt

= 2815 watt

Switchboard 8 = ST6 + SL6 + L10 + K11

= 150 + 150 + 100 + 100 watt

= 500 watt

Switchboard 9= F5 + L8 + SS3 + L7 + 15_4 + K7 + TS5 + T6 + ST2 + K12

= 45 + 100 + 150 + 100 + 2000 + 100 + 120 + 100 + 150 + 100 watt

=2965 watt

Switchboard 10 = ST6 + SL6 + L10 + K11

= 150 + 150 + 100 + 100 watt

= 500 watt

Apartment A= Switchboard 1 + Switchboard 2 + Switchboard 3 + Switchboard 4 + Switchboard 5 + Switchboard 6 + Switchboard 7 + Switchboard

8 + Switchboard 9 + Switchboard 10 +

=2965 + 2815 + 2965 + 665 + 1490 + 500 + 500 + 500 + 500 + 200 watt

= 13100 watt

A building= Apartment A * 10

= 13100 * 10 watt

= 131000 watt