

# Automatic Power Factor Correction Unit Using Arduino Uno and PZEM-004T

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**Abstract:** *In India the energy consumption is in large amount and enough energy is not generated . To reduce energy losses we have to make up the losses which are wasted by means of reactive power generation. The reactive power can be compensated using capacitor banks and this can be termed as power factor correction. Power factor correction is a major problem in large scale industries .Power factor can be corrected according to load by using capacitor bank.*

**Keywords:** Arduino, Capacitor Bank, Power Factor

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