

EE 256: POWER AND ENERGY

Experiment: Power & Energy Measurements

Pre-Lab Questionnaire

1. What are the safety procedures you should follow when connecting a rheostat to the circuit?
2. Comment on the accuracy when taking the number of rotations in the energy meter.
3. How to find active power, reactive power, apparent power & power factor using voltmeter, ammeter and single wattmeter readings V , I & W ?
4. How to find the energy acquired by the circuit using the energy meter readings; number of rotations, N & meter constant, K ?