

## Review Form 1.6

Journal Name:	<a href="#">Journal of Engineering Research and Reports</a>
Manuscript Number:	Ms_JERR_94573
Title of the Manuscript:	Performance of an Anisotropic Magneto-Resistive Sensor Electrical Energy Meter
Type of the Article	

### General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaljerr.com/index.php/JERR/editorial-policy> )

### PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Compulsory</b> REVISION comments	This paper presents a digital electrical energy meter based on an Anisotropic Magneto-Resistive (AMR) current sensor and an Arduino micro microcontroller. This study aimed at designing and fabricating a digital electrical energy meter using the AMR sensor which overcomes some of the shortcomings of traditional current sensors used in most energy meters, display electrical energy, consumer's terminal voltage, supply current, power factor and 'real-time' power consumption.	
<b>Minor</b> REVISION comments	Rewrite the formula in "The maximum voltage from the 25A current sensor would be 2.5V (RMS) or a peak-to-peak value of ( $\sqrt{2} \times 2.5V$ ) Re-master table 1, figure 2a, figure 3a, figure 3b (should not be colored in the algorithm), figure 4, figure 5, figure 6, figure 8-10. Figure 3a and figure 3b need to draw in 1 page Tables 1 and 2 do not agree on the presentation and need to be revised. Why does figure 3b have no block: END?	
<b>Optional/General</b> comments	Measurement and experimental results are very few, not convincing readers	

### PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

### Reviewer Details:

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