Review Form 1.6

Journal Name:	**Journal of Energy Research and Reviews**
Manuscript Number:	**Ms_JENRR_93097**
Title of the Manuscript:	**Designing and Manufacturing a Single-Phase Transformer and Analyzing its Performance**
Type of the Article	**Method 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.journaljenrr.com/index.php/JENRR/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)*
Compulsory REVISION comments	**Nil**	
Minor REVISION comments	1. The design specification needs to specify it clearly 2. More about the loss of the transformer, Low power transformer application may be discussed in the literature review 3. Why do you select Bm= 1.2 Wb/m2 and bobbin as l = 0.037 m, b= 0.033 m? 4. The primary voltage is 220 V and the secondary voltage is 110V, why do you test the transformer upto 350 V? 5. The standard supply voltage of 1-phase supply is 220V then what is the necessary to test the transformer upto 350 V? 6. The transformer is tested at f= 50Hz , what will happen if the frequency is above or less than 50 Hz? 7.In Fig.7 need specify the axis label 8. Compare the cost with existing model	
Optional/General comments	Do the alignment as per journal template	

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?	***(If yes, Kindly please write down the ethical issues here in details)***	

Reviewer Details:

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