

**Review Form 3**

Journal Name:	<b>Journal of Engineering Research and Reports</b>
Manuscript Number:	<b>Ms_JERR_123381</b>
Title of the Manuscript:	<b>INVESTIGATION OF DEVICES FOR MEASURING THE QUALITY OF ELECTRICAL ENERGY</b>
Type of the Article	Technical Analysis of Energy Management and Instrumentation Systems

**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The quality of electrical energy is a topic of significant importance and relevance, with direct implications for economic and social aspects of life. However, the article does not adequately address the subject from a methodological and scientific standpoint, nor does it meet formal academic standards.	
Is the title of the article suitable? (If not please suggest an alternative title)	I recommend incorporating "deterministic and statistical methods for determining voltage deviation" into the title to enhance its accuracy and better reflect the article's content	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	<p>The abstract should include the most significant results and contributions of the study to provide a clear understanding of the study's impact and relevance.</p> <p>In the Introduction, the author refers to "the requirements of DIST 13109-17 operating in our republic" without providing an explanation or reference for these requirements and without defining which republic is being referred to.</p>	
Are subsections and structure of the manuscript appropriate?	<p>The article lacks structure and does not include subsections, with only a single section besides the abstract, introduction, and conclusion. To improve the organization and clarity, the article should be restructured to include, at a minimum, the following sections:</p> <ul style="list-style-type: none"> <li>• Abstract : summary of the key points and findings of the study.</li> <li>• Introduction: Discuss the importance of measuring electrical energy quality.</li> <li>• Literature Review: Provide an overview of existing devices or methods.</li> <li>• Methodology: deterministic and statistical methods for determining voltage deviation.</li> <li>• Results and Discussion: Analyze the performance or accuracy of these methods.</li> <li>• Conclusion: Summarize key findings and offer recommendations for practice or further research.</li> </ul> <p>This structure will ensure the article is comprehensive and systematically addresses the topic.</p>	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	<p>Based on my evaluation, I find that the manuscript lacks scientific rigor. The following key issues should be addressed:</p> <ul style="list-style-type: none"> <li>• There is an inadequate review of existing devices or methods for monitoring and analyzing service quality.</li> <li>• The manuscript provides an insufficient presentation and explanation of the structural diagram of the statistical data quality analyzer, with no supporting references.</li> <li>• There is a lack of detailed presentation and explanation of both deterministic and probabilistic-static methods.</li> </ul>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	In the references section, there are 20 listed references; however, only four of these are actually cited within the article!	

### Review Form 3

Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	The language and English quality of the article are suitable for scientific communication.	
Optional/General comments		

### **PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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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