Review Form 3

Journal Name:	**Journal of Energy Research and Reviews**
Manuscript Number:	**Ms_JENRR_131048**
Title of the Manuscript:	**SOLAR RADIATION VERY SHORT-TERM FORECASTING ON ADAPTIVE SOLAR CELLS USING HYBRID MODEL DECOMPOSITION FEED FORWARD NEURAL NETWORK METHOD**
Type of the Article	**Original Research Article**

PART 1: Comments

	Reviewer's comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.**	**Author's Feedback** *(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. A minimum of 3-4 sentences may be required for this part.	The importance of this manuscript for the scientific community. It will enhance the efficiency in energy conversion and also aiding hybrid power system and energy storage system in renewable energy generation. It will have great impact in Artificial intelligence renewable energy forecasting techniques, enhance sustainable practices in power generation solar power system has no environmental impact. It also forms a bases for future research on the direction renewable, smart grid and integrated	
Is the title of the article suitable? **(If not please suggest an alternative title)**	Yes, the title, **SOLAR RADIATION VERY SHORT-TERM FORECASTING ON ADAPTIVE SOLAR CELLS USING HYBRID MODEL DECOMPOSITION FEED FORWARD NEURAL NETWORK METHOD** is suitable for the article according to research focus area.	
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.	The abstract is comprehensive enough for it consist of background knowledge of problem statement of the research, aim of the study and the approach technique employed for the study. It also summarized the findings of the Research and concluded the abstract with the gap of the study which will the next direction of research.	
Is the manuscript scientifically, correct? Please write here.	The Research is scientifically correct because it employed adequate scientific theories of FFNN and DFFNN used for simulation and data analyses technique to have a clear distinct result analysed.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes, the references are suitable and recent only D. K. Sondhiya, *et al, is 2017* out of 19 references.	
Is the language/English quality of the article suitable for scholarly communications?	Yes, the English language is quality and suitable for scholarly communications.	
Optional/General comments	Thank you for the opportunity to provide the peer review of the scientific article titled, SOLAR RADIATION VERY SHORT-TERM FORECASTING ON ADAPTIVE SOLAR CELLS USING HYBRID MODEL DECOMPOSITION FEED FORWARD NEURAL NETWORK METHOD. The article uses Decomposition-Feed Forward Neural Network (DFFNN) and Feed Forward Neural Networks (FFNN) for short-term solar radiation forecasting backed up with suitable literatures, theories and mathematical equations and concluded with good contributions to the bank of knowledge especially in science and engineering field. Paragraph 2.1 and 2.2 have more of AI-generated writeup, the author may further work on these two paragraphs. The article in general needs minor revision before publishing.	

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	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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