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Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_28163
Title of the Manuscript:	IMPACT OF STOCHASTIC LOAD AND HYBRID DISTRIBUTED GENERATION PENETRATION LEVEL ON TRANSIENT STABILITY OF POWER SYSTEM
Type of the Article	Original Research 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.

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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(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)</i>
<u>Compulsory</u> REVISION comments	In this paper, the authors discussed the impact and hybrid distributed generation penetration level on transient stability of power system. A detail modeling of grid connected wind/solar PV and small hydro power system and the hybrid system with single machine infinite system has been described, and some simulation results were performed based on DIgSILENT. The idea in this paper is interesting and the following are some comments for the authors to improve the manuscript: 1. The writing of the paper is too poor, which would decrease the readability of the paper, the authors should make their efforts to improve the English. 2. There are too many typos and language errors in the manuscript, such as a) In line 3 of Introduction, 'Among which is the potential to provide quality and reliable power [1]..', the point should be removed. b) In line 15 of Introduction, '... increase the possibilities of instabilities. ' should be '... increases the possibilities of instabilities. ' c) In line 2 of first paragraph in Page 2, 'Several works have been done on distributed generation but most of the work is based on single energy source [7-14]. ', ' ' should be removed. d) The authors should check and revise the manuscript carefully.	1. The writing is improved now 2. All the error have been corrected 3. The stochastic load was not introduced to reduce the effect of randomness and intermittence of the penetration of renewable energies but to show the impact on the grid and transient stability. The intermittence and randomness of the renewable energies is not considered. 4. That is already done in results and discussion



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	3. In the modeling part, the authors did not provide the modeling of stochastic load, which were introduced due the randomness and intermittence of the penetration of renewable energies. 4. Furthermore, some necessary discussions and comparisons should be provided to demonstrate the usefulness of the proposed modeling method in this paper. Based on the above questions, needs few revisions.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		