



SDI Review Form 1.6

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_24426
Title of the Manuscript:	Active-Reactive Power Stability Analysis a Micro Grid in Grid to Connected Mode Based on Particle Swarm Optimization (PSO) Including Model Information
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.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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	<p>The paper is not well written. A careful revision should be done in order to improve the English.</p> <p>– Several upper letters are found in the middle of sentences. For instance: --- Abstract: “as, In the paper” ---- After equation 5: “\teta_0 Is”</p> <p>Some sentences are not clear: ---- at the end of section 1: “Conclusion has been presented at the end of the research too” --- Sentence before equation 6 ---- Sentence after section 2.2 ---- and so on...</p> <p>Some parameters of PSO should be defined: – Inertia weight – \phi_1 and \phi_2</p> <p>A time analysis should be carried on since the time is a critical factor in this kind of systems.</p> <p>The acronym DG was not defined.</p> <p>Before figure 4. remove “artificial intelligence”. → “based on a PSO”</p> <p>Conclusions sections:</p>	



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	<p>The error is lower, however, it is not clear that the changes (signal variation) is lower.</p> <p>Figure 7 and 8: - “PI Controller” in the past figures was plotted in blue. Why do you change the color? The “Optimal PI controller” is the same as “Optimal PI with PSO controller”? Authors should make it clear.</p> <p>Formatting problems: – after equation 5: justify the paragraph – Brackets of equation 9 and 10 are not needed – Section 4: two different fonts are used</p>	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

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