



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_10958
Title of the Manuscript:	Prediction of Electrical Power Demand of Bayelsa State (Nigeria) by year 2025 Using Improved Estimate Method
Type of the Article	Research

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		
Minor REVISION comments	Page 1, Abstract, Line 6 and line 11: repetition of the sentences: "This work predicts the peak electrical load demand consumption of Bayelsa State by the year 2025." and " The analyzed results were used for the prediction of electrical load demand of Bayelsa State by the year 2025." Page 1, Abstract, Line 12: the sentence "Various improved engineering analysis models and applications including calculations, diagrams and graphs were reviewed and applied to justify the study" is not appropriate for the Abstract. Page 1, Abstract, Line 15: please change the size of "f(x)" Line 52-53 and Line 62-63: there is a repetition of the sentences: "This The least square method can be used in approximating the relationship between two variables using polynomial of any degree" and " The method involves developing a polynomial of any degree that describes the relationship between the two variables" Line 64: use a space between "{Y,X}" and "were" Line 65: use a space between "(X)" and "with" Line 78: delete "N " in the expression (3) Line 79: write "b" instead of "a" in the "∂a" Line 87: write "X" in the element X_{22} in the matrix Line 87: write "n+3" in the exponent of the element X in the last row of the matrix Line 90: write "$Y_i X_i$" instead of "$Y_i X_i^2$" Line 95: last column, delete "96" Line 95: write "i=0" instead of "i=1" Line 135: equation, -> equation Line 136: equation 12 -> equation 13 Line 137: delete this expression, there is a repetition with the line 130 Line 272: Align "Fig 3" to the left	1. Line 11 expunged (deleted). 2. Repetition corrected. 3. Font size of f(x) reduced. 4. Done (see page 3). 5. Done (see page 3). 6. Done (see page 4 eqn 3). 7. Done (see page 4 eqn 4). 8. Done (see page 4 matrix after eqn 5). 9. Done (see page 4 matrix after eqn 5). 10. Done (see page 4 eqn 6). 11. $(9.80)^2 = 96.04$. (see page 5 table 2). 12. Done (see page 6 eqn. 12). 13. Done (see page 6 eqns 12 & 13). 14. Done (see page 6). 15. Done (see page 8, Table 3 aligned).



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	Line 219: linearize -> linearized Line 229: write "$Y_i X_i$" instead of "$Y_i X_i^2$" Line 235: write "10^B" instead of "10^A" Line 236: write "X-2005" instead of "X-200:" Line 269: write "show" instead of "shows" Line 270: improve the Fig 6 Line 272: Align "Fig 6" to the left Line 286: look for the size in the Table 10 Line 292: write "show" instead of "shows" Line 295: Align "Fig 7" to the left Line 301: write "presented" instead of "present" Line 332: missed "w" Line 336: write "v3-149-152.pdf" instead of "v3- 149-152.pdf" Line 368: put an empty row after line 368	16. Done (see page 11 after eqn 31). 17. Done (see page 4 eqn 6). 18. Done (see page 12) 19. Done (see page 9 table 4). 20. Done (see page 10). 21. Y-axis properly labelled. Actual valves align with predicted ones. 22. Done (see page 12). 23. Done (see page 12, tables 6 & 7). 24. Done (see page 15 line 7). 25. Reference expunged. 26. Done (see page 16 ref 5).
<u>Optional/General</u> comments	Introduction is too small part from the paper. THEORETICAL ANALYSIS could be written in the Introduction. All references are not cited in the paper!	27. Corrected. 28. All listed references are cited in the paper. Referencing style corrected to journal template.