



SDI FINAL EVALUATION FORM 1.1

PART 1:

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

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
There are significant improvement in the literature review, as reflected in the revised materials under section 1 – Introduction. However, the added materials appears largely confusing to the aim of the paper, as suggested under the Abstract. Readers would like to follow the background leading to the proposed suggestion of the authors that Second-Order Polynomial model actually can provide the best fit. In addition, while the revised Introduction provides the review of methods like ANN and Fuzzy Logic, the Main Text provides the description of Least Square Method, Langrange Interpolation, Power Function, Exponential Functions, in comparison with the proposed Second-Order Polynomial model. These methods are standard numerical methods in textbooks and cannot provide a reasonable comparison with the expected research methods like ANN and Fuzzy. Consequently, the new materials added to Introduction are largely in conflict with the Main Text and the aim of the paper, as suggested under the abstract section. In spite of the fact that BJAST is not particularly concerned about novelty, readers would appreciate an article with coherent focus and materials that provide good intellectual discourse. I suggest that these authors should completely rework this article from the Title to Conclusion, and not just give in to the cheap option of injecting materials within a body of loosely composed texts. The following guidelines can be considered, if helpful: 1. If the presentation of the Second-Order Polynomial model is the main goal of the paper, provide additional review of its proposed edge over other methods in the Introduction, especially the standard models like ANN, Fuzzy Logic, etc; 2. Ensure fluidity in the materials from Abstract to the Main Text; and 3. Provide good validation of the proposed model, possibly with previously published work or verifiable model.	Additional sentence (pg2, 3rd paragraph) is added, to clarify the purpose of the research. Work has been corrected as requested by reviewer 2.