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| Journal Name: | Asian Journal of Economics, Finance and Management |
| Manuscript Number: | Ms_AJEFM_1643 |
| Title of the Manuscript: | GAS SECTOR DEVELOPMENT AND ECONOMIC GROWTH IN NIGERIA |
| Type of the Article | Original Research Article |

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PART 1: Review Comments

| <u>Compulsory</u> REVISION comments | Reviewer’s comment | Author’s Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
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| Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part. | This manuscript addresses a valuable research topic with significant practical implications for scientific knowledge. The study presents an engaging subject and provides substantial information on the topic. However, I recommend several changes to enhance the quality of the manuscript. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | Title needs improvement | |
| 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. | Abstract needs improvement. Do not cite literature in abstract. | |
| Are subsections and structure of the manuscript appropriate? | It should comply with the journal's standard format. | |
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| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. = | Some recent references should be added | |

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| Minor REVISION comments | | |
| Is the language/English quality of the article suitable for scholarly communications? | It is good | |
| Optional/General comments | <p>Title: Improve the title of the study</p> <p>Abstract: improve the abstract</p> <p>Introduction</p> <p>The introduction needs improvement. It should be concise and clearly outline the paper's focus on gas supply, price, utilization, and taxation, and their connection with the economic growth of Nigeria. Currently, the paper does not delve deeply into the specific correlation mechanisms and interactions between these factors, resulting in an analysis that lacks sufficient depth. Add organization of the study at the end of introduction section.</p> <p>Literature review</p> <p>The number of studied papers is minimal. More studies from the latest years (2022, 2023, 2024) should be cited in the literature.</p> <p>Results and discussion: it needs improvement</p> <ol style="list-style-type: none">1. Graphs of Trend Analysis: The trend analysis graphs need detailed explanations.2. Descriptive Statistics: The results of the descriptive statistics are presented without any accompanying explanation. Provide an interpretation of the table, highlighting key insights such as central tendencies, variability, and distribution characteristics. Additionally, ensure that the table includes the maximum and minimum values for each variable.3. Correlation Matrix: The correlation matrix table is presented without explanation.4. ADF Test: The results of the Augmented Dickey-Fuller (ADF) test need to be explained. Clarify which cointegration test is appropriate based on the ADF test results.5. Lag Length Selection Criteria: The criteria for selecting the appropriate lag length are missing. Include a discussion on the selection process and its relevance to the model.6. Bound Test: The bound test results indicate that the variables of interest are cointegrated. Provide a detailed explanation of these results and their significance.7. ARDL Test: The Autoregressive Distributed Lag (ARDL) test is missing. This test is essential for understanding the long-run impact of the independent variables on the dependent variable. Include this analysis in the article.8. ECM: The Error Correction Model (ECM) is absent. This model is crucial as it demonstrates which variables help bring the disequilibrium in the model back to equilibrium. Ensure the inclusion of ECM analysis.9. Robustness Tests: Robustness tests are also missing. Conduct and present these tests to validate the reliability and consistency of the results. <p>Make all the above necessary changes to ensuring that the reader can fully understand and evaluate the findings.</p> <p>Conclusion: improve conclusion section. In conclusion a short summary of the study findings is presented.</p> <p>Recommendations: it must be based on the findings of the study.</p> | |

PART 2:

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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? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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|----------------------------------|-------------|
| Name: | Sabeel Khan |
| Department, University & Country | Pakistan |