

Review Form 3

Journal Name:	Journal of Energy Research and Reviews
Manuscript Number:	Ms_JENRR_124468
Title of the Manuscript:	Energy-Mix Diversification and Renewable Energy Development in Nigeria and South Africa
Type of the Article	Minireview Article

PART 1: Review Comments

Compulsory 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>
<p>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.</p>	<p>Energy-mix diversification and renewable energy development are crucial for Nigeria and South Africa, offering significant benefits for the scientific community. Diversifying the energy mix reduces reliance on finite and environmentally harmful resources, promoting energy security and sustainability.</p> <ol style="list-style-type: none"> 1. For Nigeria, this transition is vital to address energy inaccessibility, which impacts health, education, and economic development. 2. In South Africa, renewable energy investments can mitigate the environmental impact of coal dependency and foster innovation in clean energy technologies. 3. These efforts not only support sustainable development but also provide rich opportunities for scientific research and technological advancements in renewable energy solutions. 	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes suitable</p>	
<p>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.</p>	<p>I suggest adding the production energy, the consumption energy and the energy deficit in these countries</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes, but the authors should add part about the climate of the place (Nigeria and South Africa) like temperatures, wind speeds and radiation, etc...</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>I think that the manuscript is scientifically robust and technically sound, but there are some comments as follows:</p> <ol style="list-style-type: none"> 1- In December 2009, South Africa committed to a reduction in greenhouse gas emissions from its emissions growth trajectory by 34% in 2020, and by 42% in 2025 in line with the agreements of the United Nations Framework Convention on Climate Change (UNFCCC). <p>Was this achieved in 2021?</p>	

Review Form 3

	<p>2- In view of the above, when compared to Nigeria, South Africa has indeed made significant progress in the transition to renewable energy, particularly in the power sector. Nigeria has been slower in its transition to renewable energy despite having vast renewable energy potential, including solar, wind, and hydro resources.</p> <p>The authors should briefly explain about the climate of Nigeria and South Africa, like temperatures, wind speeds and radiation, etc., to prove that these countries have vast renewable energy potential, including solar, wind, and hydro resources.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>-</p>	<p>The references not sufficient and there is some of them not recent like 6,29,29</p>	
<p>Minor REVISION comments</p>		
<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes, the article suitable for scholarly communications</p>	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> - The authors have not calculated the economic cost of renewable energy in these countries. - It's necessary to mention the produced energy and the consumed energy in these countries to know the energy shortage and the possibility of supplying the system with renewable energy to fill the existing shortage in energy. 	

PART 2:

	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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

Name:	Layth Mohammed Abdali
Department, University & Country	University of Kufa, Iraq