

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_111299
Title of the Manuscript:	Case study on techno economic analysis of solar roof top power plant in India
Type of the Article	Original Research Article

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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 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u>	<p>This manuscript specifically focuses on the energy generation dynamics of a 1kWp Solar PV rooftop system and does not delve into case studies of other rooftop systems installed in India. While it provides valuable insights into this specific scenario, its scope is limited to the mentioned solar setup and does not encompass a broader examination of diverse rooftop systems within the country. Academically, the manuscript is lacking a robust introduction, a comprehensive literature review, and a detailed methodology.</p> <p>Manuscript title is not suitable Suggested Alternative Title: Techno-Economic Analysis of Solar PV Rooftop Systems in the Indian Context: A Case Study</p> <p>The abstract lacks clarity in conveying the authors' contributions and innovations regarding the analyzed study problem in the document. Additionally, there are grammar issues, and the overall presentation lacks a coherent flow.</p> <p>The manuscript is lacking a robust introduction, a comprehensive literature review, and a detailed methodology with appropriate results.</p> <p>The manuscript lacks proper data measurement, analysis, modelling, and comparison of results, raising concerns about its scientific accuracy.</p> <p>While some references pertain to Agro photovoltaic plants, which may be deemed irrelevant to the context, it is recommended to incorporate more recent publications from high-impact journals, preferably not older than 2017, within the relevant domain.</p>	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	The language and English quality of the article may not be entirely suitable for scholarly communications.	
Optional/General comments		

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

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Reviewer Details:

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