

[Review Form 3](#)

Book Name:	Science and Technology: Developments and Applications
Manuscript Number:	Ms_BPR_3927
Title of the Manuscript:	A Mathematical Approach to Analyze Factors Influencing Adoption of Solar Based Power Production in Residential Buildings in Tamilnadu State of India
Type of the Article	Book chapter

PART 1: 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>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	- The article deals with the application of the TOPSIS method in the generation of electricity by photovoltaic solar energy - The article shows that electricity generation is financially important in India - The article shows important factors in the installation of a photovoltaic solar plant	
Is the title of the article suitable? (If not please suggest an alternative title)	In my opinion, a better title would be: "Analysis of factors that influence electricity generation by photovoltaic systems through TOPSIS"	
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.	yes	
Is the manuscript scientifically, correct? Please write here.	yes	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	It would be interesting to include more current references	
Is the language/English quality of the article suitable for scholarly communications?	An English grammar review would be interesting	
<u>Optional/General</u> comments	- The word "photo voltaic " is written photovoltaic - Define TOPSIS, - figure caption: "figure", not Fig., - figure 1 needs to be explained and called out in the text - The Domiciles in Table 1 need to be better explained - Insert space between numeric values and their respective units	

PART 2:

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

Reviewer Details:

Name:	Andre Felipe Vieira Da Cunha
Department, University & Country	Federal University of Pernambuco (UFPE), Brazil