

[Review Form2](#)

Book Name:	Current Approaches in Engineering Research and Technology
Manuscript Number:	Ms_BPR_2884
Title of the Manuscript:	Capacitor Coupled Substation State Space Formulation for Power Tapping and Power Injection Application
Type of the Article	Book Chapter

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>
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.	The importance of this book chapter is to develop the state space representation of the two CCS application that are for electrical power tapping and electrical power injection. Statespace formulation presents a unified and flexible approach to modeling electrical circuits, accommodating complex configurations with non-linear elements and time-varying parameters.	
Is the title of the article suitable? (If not please suggest an alternative title)	Little modification required/ State Space Formulation of Capacitor Coupled Substation for Power Tapping and Power Injection Application.	
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 was well written. It covers the following points: This article investigates the formulation of a State Space Model for a Capacitor Coupled Substation to facilitate power tapping and injection into an electrical transmission network. The primary objective is to establish a state space representation of the electrical system that can be used to simplify the modeling of complex multi-variable electrical circuits or systems. Author needs to draw the block diagram of the system which will increase the help for the researchers.	
Are subsections and structure of the manuscript appropriate?	Yes, they are appropriate and well aligned with the aim of the paper. It consists of 5 subsections, out of which subsections 2, 3, 4 deal with the state space modelling of the paper.	
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.	This manuscript clearly demonstrated the step by step procedure to develop the state space model for the Capacitor Coupled Substation for Power Tapping and Power Injection Application. The methods were properly designed and demonstrated in the article. Mathematical modelling is properly presented with appropriate citations. All the abbreviations in the article were clearly presented at last with the relevant section.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	No, Author has to add few more recent references from the literature.	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes it is suitable and readability is good.	
Optional/General comments	Overall the manuscript is good interms of technical content and the state space modelling for the system.	

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>
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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