Review Form 3

Journal Name:	**Journal of Energy Research and Reviews**
Manuscript Number:	**Ms_JENRR_126757**
Title of the Manuscript:	**A Review of Research and Applications of Knowledge Graphs in the Power Sector**
Type of the Article	**Minireview Article**

PART 1: Review Comments

Compulsory REVISION comments	**Reviewer's comment**	**Author's Feedback** *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
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.	**Clarity and Structure in the Introduction: Although the introduction discusses the rationale for employing knowledge graphs, it would be better served by a more organized framework that walks readers through the intricate problems that power systems face and how knowledge graphs particularly solve them.**	
Is the title of the article suitable? (If not please suggest an alternative title)	**Extension of Technical Difficulties: Although the research acknowledges the intricacy of data integration, it skips over the technical difficulties in building knowledge graphs for power systems.**	
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.	**Minimal Talk about Practical Implementations: Although examples are given, further information on current knowledge graph implementations in power systems would be helpful.**	
Are subsections and structure of the manuscript appropriate?	**Knowledge Graph Structure Visualization: Although picture 1 in the text mentions a knowledge graph structure, a more thorough analysis of this picture would help readers comprehend the precise arrangement and structure utilized in power systems.**	
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.	**Further Describe Schema and Data Layer Interaction: Although the schema and data layers are explained, it would be beneficial to provide an example of how these levels work together in actual power system applications.**	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	**Final Thoughts on Readiness for Implementation: In addition to discussing potential future approaches, the study may consider how prepared the power business is right now to implement knowledge graphs on a large scale.**	
Minor REVISION comments **Is the language/English quality of the article suitable for scholarly communications?**		
Optional/General comments		

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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?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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