

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_130695
Title of the Manuscript:	Well-to-wheel efficiency analysis for mild hybrid vehicles
Type of the Article	Research Article

General guidelines for the Peer Review process:

This journal’s peer review policy states that **NO** manuscript should be rejected only on the basis of ‘**lack of Novelty**’, provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1.reviewerhub.org/general-editorial-policy/>

Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>
Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

Review Form 3

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.	This article is important for advancing understanding of energy efficiency in transportation, specifically by quantifying the "well-to-wheel efficiency" of hybrid electric vehicles (HEVs) at 21.35%, highlighting significant energy losses during conversion. It identifies areas for improvement in vehicle efficiency while providing a framework for future studies on other vehicle types and transportation modes. The findings have implications for guiding innovation, reducing environmental impact, and shaping sustainable transportation policies.	Slight change to result after including losses due to mining of fuel
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	No Changes
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 it is comprehensive. It should be better if added two sentences about the proposed work.	Added details about proposed work to abstract
Is the manuscript scientifically, correct? Please write here.	Yes	No changes
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	No changes
Is the language/English quality of the article suitable for scholarly communications?	Yes	No changes
Optional/General comments	Please rewrite the Abstract. In the result part of the article improve the efficiency.	Changed the abstract to detail the proposed work. Efficiency cannot be improved further and is a known limitation of hybrid vehicles. The final efficiency of 20% also agrees with existing literature on WTW efficiency of hybrid vehicles

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>	