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REVIEWER'S REPORT

Manuscript No.: IJAR-59608

Title: Predictive Maintenance and Reliability-Centred Asset Management for Resilient Industrial Infrastructure in Saudi Arabia: A Framework for Transformers, Switchgear and High-Voltage Electrical Systems.

Recommendation:

Accept as it is .....

Accept after minor revision.....

Accept after major revision .....

Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality	✓			
Techn. Quality		✓		
Clarity		✓		
Significance		✓		

Reviewer Id: JPR-364

Reviewer's Comment for Publication.

The manuscript addresses an important and technically relevant topic by examining predictive maintenance and reliability-centred asset management for transformers, switchgear, and high-voltage electrical systems in Saudi Arabia. The review provides a useful synthesis of recent literature on transformer diagnostics, partial-discharge detection, circuit-breaker monitoring, maintenance optimization, and infrastructure resilience. The proposed framework effectively connects condition monitoring, risk assessment, maintenance planning, and recovery strategies. However, the literature selection process should be described more clearly, and the consistency of tables, figures, and references should be checked carefully. The practical implementation and validation of the proposed framework could also benefit from further clarification, particularly regarding Saudi-specific operating conditions and field-based evidence. Minor revisions are recommended to improve methodological transparency, presentation, and academic quality. Overall, the manuscript makes a valuable contribution to electrical asset management and may be considered for publication after minor revision.