

MAXIMIZING SOLAR PANEL PERFORMANCE USING QUANTUM MACHINE LEARNING FOR FAULT DETECTION



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Our objective is to utilize quantum machine learning and neural networks to enhance fault detection on solar panels, improving performance and maintenance of renewable energy systems

- ❖ Preserve Natural Resources and Utilize Green Renewable Sources of Energy.
- ❖ Detect Solar Panel Array Faults Using Neural Networks Algorithms.
- ❖ Compare Classical Machine Learning to the Fast-Computing Quantum Machine Learning.
- ❖ Predict Faults Causing Low Output Power to Develop Solutions.

