

Detecting Power and Synchronisation Failure

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Abstract: *The project is designed to develop a system to detect the synchronization failure of any external supply source to the power grid on sensing the abnormalities in frequency and voltage. Further the project can be enhanced by using power electronic devices to isolate the grid from the erring supply source by sensing cycle by cycle deviation for more sophisticated means of detection.*

Keywords: Islanding, Grid, Voltage Variation, Frequency Variation, Active methods, Passive methods

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