

A NOVEL SINGLE PHASE RECONFIGURABLE TOPOLOGY IN PV PANEL USING IOT

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Solar PV are gaining more popularity in distribution system due to reduction in cost of solar panel, Government policies such as feed in tariffs to promote renewable energy utilization, modularity and less maintenance etc. But intermittent nature of the renewable causes the significant stability and reliability issues in the distribution system. To mitigate the uncertainty in solar PV generation, storage options are introduced such as battery system, Fuel cells etc. In this paper proposes reconfigurable single phase inverter topology for hybrid ac/ dc converters.

