

DIODE MODEL OF PV ARRAY AND MAXIMUM POWER POINT TRACKER TECHNIQUE TO EXTRACT SOLAR ENERGY & ITS APPLICATION: A REVIEW

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ABSTRACT

In this paper, we give the main focus on the generation of energy. Here we developed a PV array for the voltage generation. We create a model with the help of diode for the single unit and technique used to extract the maximum solar energy by developing MATLAB –simulink model.

KEYWORDS: *PVC: PV Cell, PVA: PV Array, Il: Insulation Level (Sunlight Irradiance), Res: Renewable Energy Sources, Em: Energy Management, Load Forecasting, Mg: Micro-Grid, Mppt: Maximum Power Point Tracker, Aci: Atmospheric Clarity Index*