

# A Review of Monitoring and Analysis of Photovoltaic Grid System

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**Abstract:** Due to huge population and the society of modern industries, the energy demand increases exponentially and the need arises to motivate use of alternate energy sources to improve the quality and efficiency of power. As for the literature survey of renewable energy sources is concerned the use of photovoltaic energy has emerged as a primary resource because the solar energy is clean, environment friendly. As far as the power grids are concerned the demand is a smart concept to be introduced and thus different IOT concepts need to be imperatively implemented to monitor and control the statics of grid. The paper presents the complete review of the proposed system.

**Keywords:** IOT, Smart Grid, PV, DER

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