Project’s Full Title

Novel transient photovoltaic (PV) system models for the study of the power quality and fault behavior under increasing penetration levels.

Description

Modelling PV systems by assessing in detail the transient behaviour of PV systems. In this framework, an accurate PV system model will be developed, simulated and experimentally validated. The PV system model will be verified by exposing the experimental setup to environmental and load variations and by comparing experimental with simulation results. Intentional islanding will be studied also to observe the dynamics of PV systems under fault conditions and make the required modifications for the improvement of the proposed model.

Partners

University of Cyprus

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