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SYNOPSIS

IS 16169 : 2017

PHOTOVOLTAIC DEVICES UTILITY-INTERCONNECTED PHOTOVOLTAIC INVERTERS - TEST PROCEDURE OF ISLANDING PREVENTION MEASURES (FIRST REVISION)

The purpose of this Standard is to provide a test procedure to evaluate the performance of islanding prevention measures used with utility-interconnected PV systems.

This standard describes a guideline for testing the performance of automatic islanding prevention measures installed in or with single or multi-phase utility interactive PV inverters connected to the utility grid. The test procedure and criteria described are minimum requirements that will allow repeatability. Additional requirements or more stringent criteria may be specified if demonstrable risk can be shown.

This standard may be applied to other types of utility-interconnected systems (e.g. inverter based microturbine and fuel cells, induction and synchronous machines). However, technical review may be necessary for other than inverter-based PV systems.

Disclaimer: