

Modeling and Simulation of Hybrid Distributed Generation System¹

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Abstract

The goal of this article is designing, Modeling and Simulation of PV-Micro wind Hybrid Distributed Generation System and comparing the results with measured values of a real system .The article consists of three main parts, the first is Modeling and Simulation of Photovoltaic system , the second is Modeling and Simulation of Micro wind Turbine, the last one is Modeling and Simulation of Hybrid Distributed Generation System.

Key Words: modeling-simulation-hybrid system-photovoltaic cell- wind turbine.

¹ For the paper in Arabic see pages (149- 177).

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