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GRID CONNECTED PHOTOVOLTAIC SYSTEMS- ISSUES

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Abstract

The renewable energy generation has developed remarkably in the past years due to its reliable, clean, environment friendly nature. But as a result of the periodic nature of the renewable energy source, it is necessary to connect it to a grid system. Nowadays, photovoltaic technology has grown rapidly, making this technology feasible to the distribution systems. There are numerous issues associated with grid integration of PV systems. This paper presents various technical and non-technical issues.

Biography

Bincy K. Jose received B.E degree in Electrical and Electronics Engineering from Anna University in 2005 and M.E degree in Power Electronics and Drives from the same university in 2009. She is currently a research scholar at Government Rajiv Gandhi Institute of Technology, Kottayam. Her research domain includes power electronics, renewable energy and photovoltaic systems. She had 10 years teaching experience and attended 3 international conferences. She is the author of 3 international journals.

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