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References; 3 Three-Phase IG Operating on a Single-Phase Power System; 3.1 Introduction; 3.2 Phase Balancing using Passive Circuit Elements; 3.2.1 Analysis of IG with Phase Converters
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5.4 Self-regulated SEIG for Single-Phase Loads

Sommario/riassunto

Distributed power generation is a technology that could help to enable efficient, renewable energy production both in the developed and developing world. It includes all use of small electric power generators, whether located on the utility system, at the site of a utility customer, or at an isolated site not connected to the power grid. Induction generator (IG) is the most commonly used and cheapest technology, compatible with renewable energy resources. Permanent magnet (PM) generators have traditionally been avoided due to high fabrication costs; however, compared with IGs they are more rel