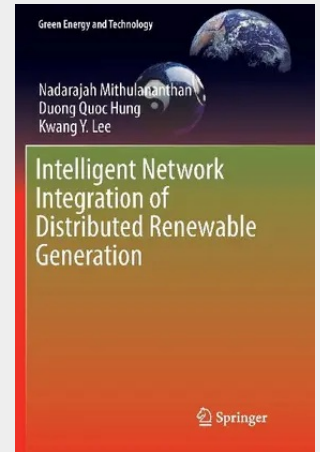


Intelligent Network Integration of Distributed Renewable Generation

This book introduces several simple analytical approaches to aid the seamless integration of renewable distributed generation. It focuses on the idea of intelligent integration, which involves locating and developing suitable operational characteristics of renewable distributed generation. After reviewing the options available, the best location should be chosen, an appropriately sized operation should be installed and the most suitable operational characteristics should be adopted. Presenting these simple analytical approaches, their step-by-step implementation and a number of cases studies using test distribution systems, the book clearly demonstrates the technical, economic and environmental benefits of intelligent integration.

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