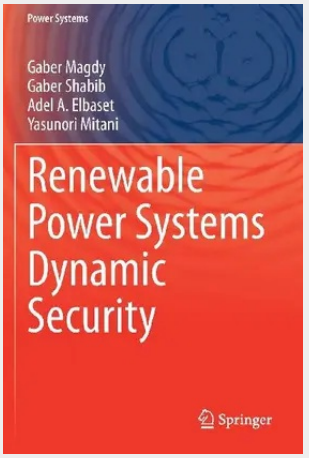
Magdy / Shabib / Elbaset

Renewable Power Systems Dynamic Security

This book presents innovative techniques and approaches to maintaining dynamic security of modern power systems that have a high penetration of renewable energy sources (RESs). The authors propose a number of frequency control strategies and schemes to address and evade stability problems in system frequency and voltage that can lead to power interruption and power failure/blackout. The book includes case studies aimed at validating the effectiveness of the techniques and strategies presented, and will be a valuable resource for researchers working in electrical power engineering, power system stability, dynamics and control, and microgrids.

This book presents innovative techniques and approaches to maintaining dynamic security of modern power systems that have a high penetration of renewable energy sources (RESs). The authors propose a number of frequency control strategies and schemes to address and evade stability problems in system frequency and voltage that can lead to power interruption and power failure/blackout. The book includes case studies aimed at validating the effectiveness of the techniques and strategies presented, and will be a valuable resource for researchers working in electrical power engineering, power system stability, dynamics and control, and microgrids.



123,04 €
114,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783030334574
Medium: Buch
ISBN: 978-3-030-33457-4
Verlag: Springer Nature Switzerland
Erscheinungstermin: 18.12.2020
Sprache(n): Englisch
Auflage: 1. Auflage 2020
Serie: Power Systems
Produktform: Kartoniert
Gewicht: 300 g
Seiten: 165
Format (B x H): 155 x 235 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)