



1st ed. 2019, XVII, 95 p. 35 illus., 11 illus. in color.

Printed book

Hardcover

109,99 € | £99.99 | \$139.99

^[1]117,69 € (D) | 120,99 € (A) | CHF 121,00

Softcover

109,99 € | £99.99 | \$139.99

^[1]117,69 € (D) | 120,99 € (A) | CHF 130,00

eBook

91,62 € | £79.50 | \$109.00

^[2]91,62 € (D) | 91,62 € (A) | CHF 104,00

Available from your library or springer.com/shop

MyCopy ^[3]

Printed eBook for just

€ | \$ 24.99

springer.com/mycopy

Donato Zarrilli

Integration of Low Carbon Technologies in Smart Grids

Series: Springer Theses

- Nominated as an outstanding PhD thesis by The University of Siena, Italy
- Describes predictive and optimization techniques for the control of smart grids with high penetration of renewables
- Discusses how to integrate demand response in smart building energy management systems

The thesis provides different opportunities and ideas to face some current challenges in the electricity systems. It focuses on the effective and efficient integration of distributed low carbon technologies in the grid of the future. Planning and operation problems for different clean solutions, such as market bidding strategies for intermittent energy producers, demand side management algorithms for smart buildings, and electrical storage options for network operators, are studied for facilitating the integration of renewable energy sources in the power system chain.

Order online at springer.com / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

