



Electric Energy: An Introduction, Third Edition (Hardback)

By Mohamed A. El-Sharkawi

Taylor Francis Inc, United States, 2012. Hardback. Condition: New. 3rd New edition. Language: English . Brand New Book. The search for renewable energy and smart grids, the societal impact of blackouts, and the environmental impact of generating electricity, along with the new ABET criteria, continue to drive a renewed interest in electric energy as a core subject. Keeping pace with these changes, *Electric Energy: An Introduction, Third Edition* restructures the traditional introductory electric energy course to better meet the needs of electrical and mechanical engineering students. Now in color, this third edition of a bestselling textbook gives students a wider view of electric energy, without sacrificing depth. Coverage includes energy resources, renewable energy, power plants and their environmental impacts, electric safety, power quality, power market, blackouts, and future power systems. The book also makes the traditional topics of electromechanical conversion, transformers, power electronics, and three-phase systems more relevant to students. Throughout, it emphasizes issues that engineers encounter in their daily work, with numerous examples drawn from real systems and real data. What's New in This Edition
Color illustrations
Substation and distribution equipment
Updated data on energy resources
Expanded coverage of power plants
Expanded material on renewable energy
Expanded material on electric safety
Three-phase system and...



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Reviews

Good e-book and helpful one. It can be written in basic phrases rather than confusing. I realized this ebook from my i and dad recommended this book to find out.

-- **Ozella Batz**

Thorough guide! Its this sort of excellent read. It is really simplified but unexpected situations in the 50 % in the book. You are going to like just how the blogger create this publication.

-- **Prof. Lela Steuber**