



## Electrical Energy Systems, Second Edition (Electric Power Engineering Series)

By Mohamed E. El-Hawary

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Discussions ranging from the technical aspects of generation, transmission, distribution, and utilization to power system components, theory, protection, and the energy control center culminate in the most modern and complete introduction to effects of deregulating electric power systems, blackouts and their causes, and minimizing their effects. The author prepares students for real-world challenges by including numerous examples, problems, and MATLAB® scripts, teaching students to use industry-standard problem-solving tools. This edition also features an entirely new chapter on the present and future of electric energy systems, which highlights new challenges facing system designers and operators in light of modern events and transformations impacting the field.

Providing convenience for instructors in addition to a thoroughly modern education for students, Electrical Energy Systems, Second Edition sets a new benchmark for the education of electric power engineering focused on sustainable development and operation of new power systems.

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**Electrical Energy Systems, Second Edition (Electric Power Engineering Series) By Mohamed E. El-Hawary Bibliography**

- Sales Rank: #15444540 in Books
- Brand: Brand: CRC Press
- Published on: 2007-07-23
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x 1.10" w x 6.14" l,
- Binding: Hardcover
- 408 pages

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