



Handbook of Energy Engineering, Sixth Edition

By Albert Thumann, D. Paul Mehta

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This fully updated, comprehensive reference will guide you step-by-step in applying the principles of energy engineering and management to the design of electrical, HVAC, utility, process and building systems for both new and retrofit projects. You will learn how to do an energy analysis of any system. Detailed presentations cover electrical system optimization, state-of-the-art lighting and lighting controls, thermal storage, cogeneration, HVAC system optimization, HVAC and building controls, and computer technologies. The fifth edition includes a new chapter covering codes, standards and legislation, as well as a new chapter on compressed air systems. You'll also find coverage on use of innovative third party financing mechanisms such as performance contracting to implement energy cost reduction measures. The text is thoroughly illustrated with tables, graphs, diagrams, and sample problems with worked-out solutions.

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Editorial Review

From the Back Cover

Now in its fourth edition, this is the industry's most well-respected guide to applied energy engineering and management. This book's easy-to-follow, step-by-step approach starts with the basics and progresses to the state-of-the-art. It presents methods for energy analysis for any system, including specific problems with worked-out solutions; guidelines for using new financing mechanisms, such as performance contracting; and coverage of organizational, management and cost considerations. Handbook of Energy Engineering has established itself as a widely-used reference and preparatory text for the Certified Energy Manager's Examination. For all energy engineers, managers and planners.

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