Plant Engineers & Managers Guide to Energy Conservation, 10th Edition

Description: Now in its fully updated tenth edition, this comprehensive, best selling handbook covers management and engineering strategies which can be utilized to slash energy costs by as much as 40% in industrial facilities. New chapters have been added which cover evaluating the economics of solar applications, measurement and verification of energy efficiency savings, and superior energy performance.

Topics covered include motor drive systems, LEED®, building commissioning, cogeneration, gas distributed generation technologies, steam system optimization, geothermal heat pumps, electricity purchasing strategies and power quality case studies.

You’ll also find ready-to-apply guidelines for life cycle costing, electrical system optimization, lighting and HVAC system efficiency improvement, mechanical and process system performance, building energy loss reduction, financing energy projects, energy purchasing, and strategies for establishing an effective energy conservation-oriented maintenance program.

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5 – Utility and Process System Optimization
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