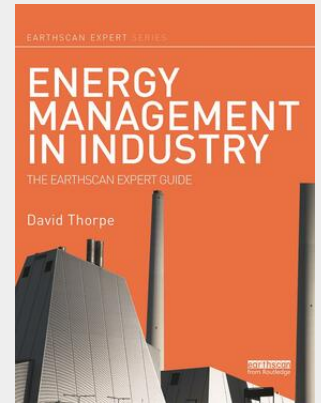


Thorpe

Energy Management in Industry

Energy demand reduction is fast becoming a business activity for all companies and organisations because it can increase profits regardless of the nature of their core activity. The International Energy Agency believes that industry could improve its energy efficiency and reduce carbon dioxide emissions by almost a third using the best available practices and technologies. This guide looks at the many ways available to energy managers to achieve or even exceed this level of performance, including: - base-lining consumption - planning a monitoring and verification strategy - metering (including smart, wireless metering) - energy supply management - motors and drives - compressed air and process controls. Uniquely, it includes a whole chapter on greening data centres. It also looks at topics covered in greater detail in its companion volume, Energy Management in Buildings: insulation, lighting, renewable heating, cooling and HVAC systems. Further chapters examine minimising water use and how to make the financial case, both to prioritise measures for cost effectiveness, and to get management on board. This title is aimed at all professional energy, industry and facilities managers, energy consultants, students, trainees and academics and can be read alongside training for ISO 50001 - Energy Management Systems. It takes the reader from basic concepts to the latest advanced thinking, with principles applicable anywhere in the world and in any climate.



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