A very detailed, workable approach to improving energy efficiency and cost effectiveness in petroleum processing, dealing with the role of management and refinery operators in achieving the best technological parameters, the most rational utilization of energy, as well as the greatest possible economic success. The author provides a detailed and well-founded approach to the methodology, information and criteria necessary for analyzing energy use, economics and the environmental impact, as well as solutions for fulfilling the requirements of the Kyoto agreement. In addition, he describes in sufficient detail the energy streams within a refinery.

A practical guide for refinery engineers, managers, and consultants, as well as all engineers involved in the design of process technologies, in developed as well as developing countries.

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