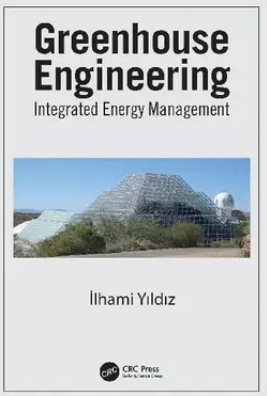
Yildiz

Greenhouse Engineering

Integrated Energy Management



Sustainable energy development concept requires and maintains multiple linkages among energy production, energy consumption, human well-being, and environmental quality. Greenhouse Engineering: Integrated Energy Management puts forward the concept of integrated energy management and modeling pertinent to greenhouses that will eventually help reduce the load on power grids, demand for fossil fuels and water, and supply CO2 for the greenhouse production. This book helps enhance the competitive position of the global greenhouse industry by introducing economically, environmentally and socially sustainable technologies and management strategies. - Exclusive title on integrated energy management approach for greenhouse designing - Addresses energy for heating concept - Includes case studies from real work greenhouse systems - Incorporates a design/energy management approach - Contains updated material on greenhouse heating with examples and case studies Aimed at researchers, professionals, and students in the fields of energy systems, mechanical, agriculture, and biosystems engineering.

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