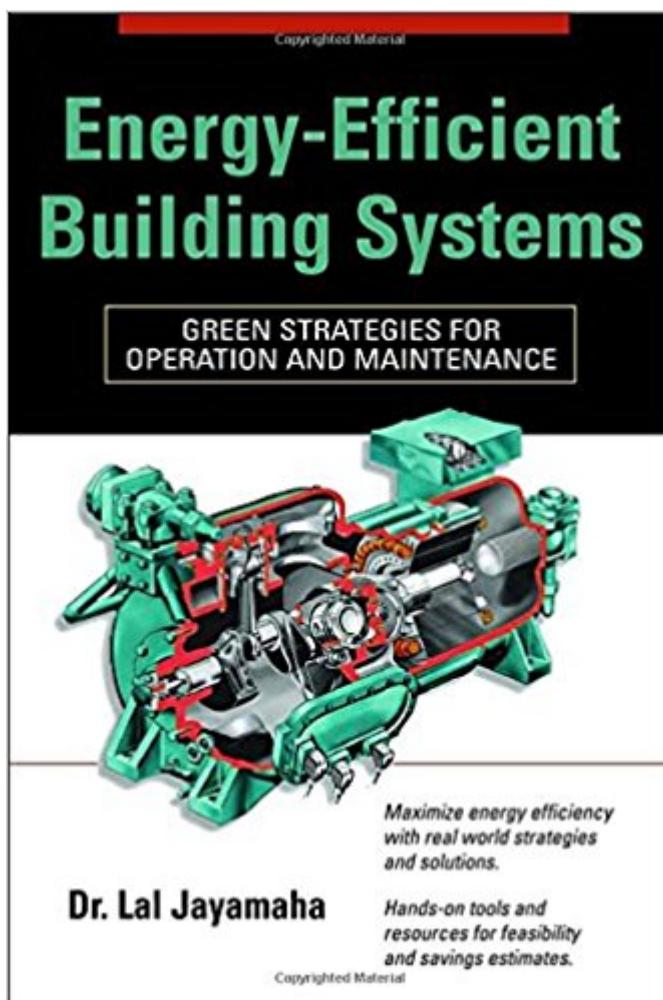


The book was found

# Energy-Efficient Building Systems: Green Strategies For Operation And Maintenance



## Synopsis

Proven Strategies and Solutions for Reducing Energy Consumption Property and facility managers can turn to Energy-Efficient Building Systems as a one-stop guide to operating and maintaining commercial building systems at peak efficiency. Designed to help reduce energy costs and meet environmental standards, this state-of-the-art productivity tool contains fully illustrated, real-world examples of successful green building projects that have achieved significant, energy-saving results. From energy management and auditing, HVAC systems, cooling towers, and pumping systems to lighting, electrical systems, automation, and building envelope, this expert resource takes readers step by step through procedures for getting optimal performance from every building system. For each system, the book presents the latest methods for improving efficiency—identifying promising new solutions—evaluating their feasibility—and estimating actual savings.

Comprehensive and authoritative, Energy-Efficient Building Systems enables building professionals to:

- Get an in-depth understanding of the principles of each building system
- Select the most efficient systems for any nonresidential building
- Maximize energy efficiency with practical strategies and solutions
- Utilize hands-on methods for evaluating feasibility and estimating savings
- Review real-world examples of successful green building projects

Inside This Cost-Saving Energy Guide

- Energy Management and Energy Auditing
- Air-Conditioning and Central Chiller Systems
- Boilers and Heating Systems
- Pumping Systems
- Cooling Towers
- Air Handling and Distribution Systems
- Lighting Systems
- Building Electrical Systems
- Building Automation Systems
- Building Envelope

## Book Information

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## Customer Reviews

This is quite a good book with a lot of useful information for engineers working in design and consulting for building services, mainly HVAC. There is a good treatment of air conditioning systems, without going to complicated calculations, but with a clear view and explanations.

What I like about this book is that it gives lots of useful information in plain English. Complex systems explained in a simple way. I liked section on cooling specifically.

Excellent overview in enough detail to understand larger building systems issues.

good book

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