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Practical Sustainable Facilities Management

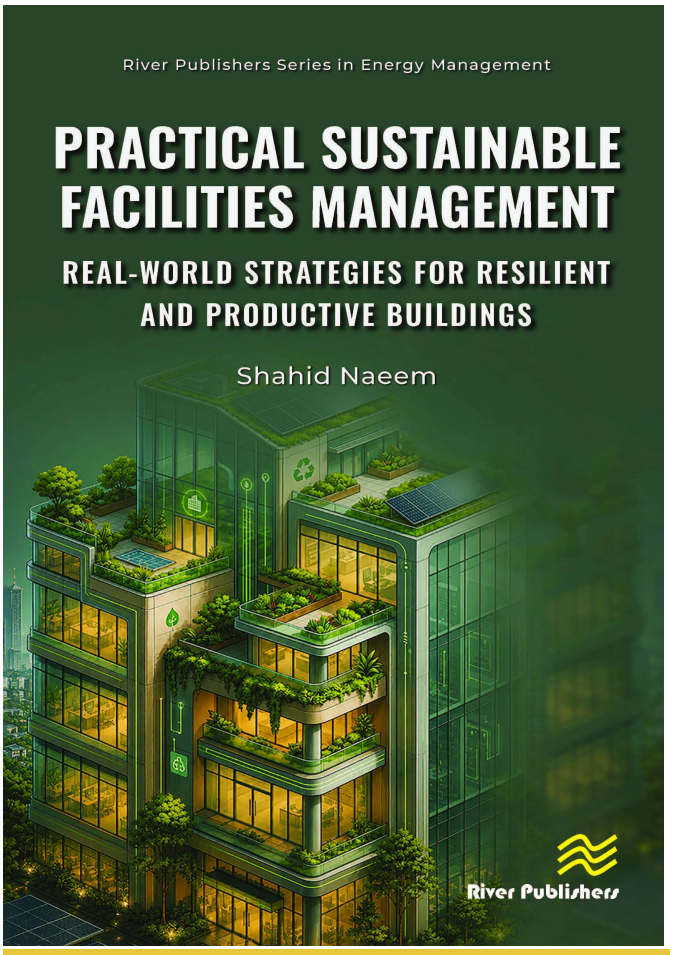
Real-world Strategies for Resilient and Productive Buildings

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Practical Sustainable Facilities Management: Real-world Strategies for Resilient and Productive Buildings delivers actionable guidance for facilities managers, engineers, and sustainability leaders seeking measurable results. Applicable across commercial, industrial, and public settings, the book focuses on improving efficiency, resilience, and long-term performance. It covers optimization of building automation systems, advanced HVAC and lighting controls, asset lifecycle management, and preventive maintenance planning. Readers gain practical insight into lifecycle cost analysis and utility savings to support data-driven investment decisions. Designed for a broad professional audience—including facility managers, energy specialists, engineers, building owners, technicians, and consultants—this resource bridges theory and practice. It provides tools, benchmarks, and case studies to support compliance, justify upgrades, and drive high-impact operational improvements.

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Sustainability metrics, facilities management economics, building automation system optimization, organizational structures, advanced HVAC and lighting control strategies, utility savings, asset lifecycle management, preventive maintenance compliance, maintenance KPIs, energy project economics, building lifecycle cost analysis, demand management, operational revenue streams, benchmarking, and financial performance metrics.

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