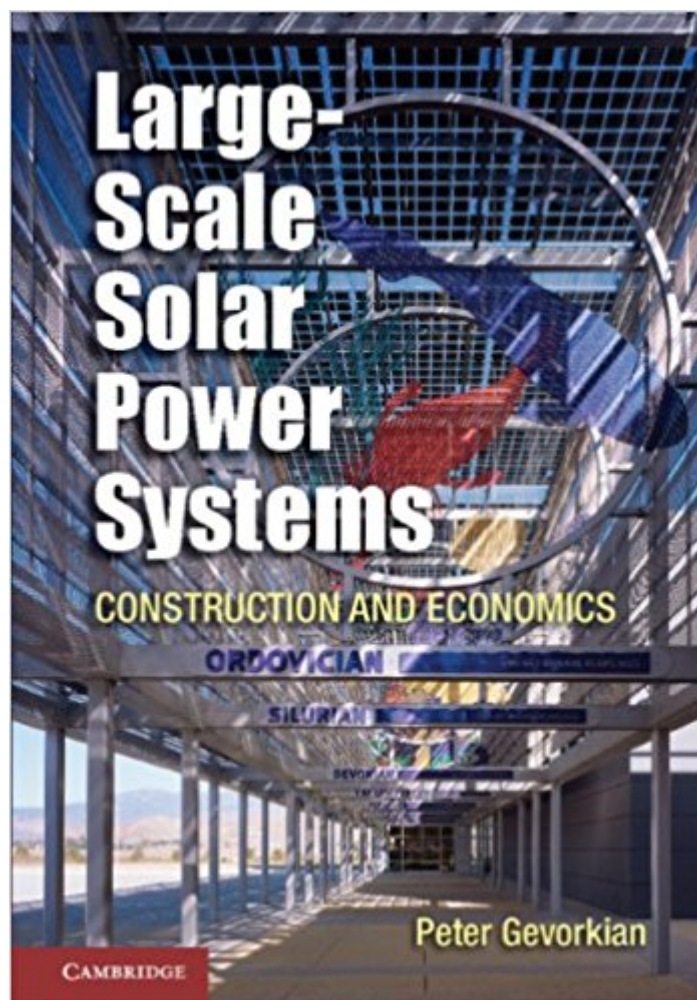




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Large-Scale Solar Power Systems: Construction And Economics (Sustainability Science And Engineering)



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Synopsis

This book is a comprehensive discussion and economic analysis of large-scale solar power systems, specifically referencing critical issues related to design construction and financing. The book provides practical design, installation, and financing guidelines for large-scale commercial and industrial solar power projects. Engineering design and construction methodologies as well as economic analysis provide a step-by-step walk-through of all aspects of solar power systems. Design methodologies outline the specific requirements of solar and electrical design and construction documentation in meticulous detail, which can readily be applied to ground mount, roof mount, building integrated (BIPV), and carport-type solar power projects. In view of the importance of solar power systems as a viable present and future energy resource, the book includes a dedicated chapter on smart grid transmission and large-scale energy storage systems.

Book Information

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Customer Reviews

This book is great for planning and referencing. It is well worth the investment. Used wisely, it can help your solar power system investment pay off for customers, developers, and the environment. However, it does lean towards that end rather than being a technical reference, but still provides sufficient technical information and reference for getting more technical depth, as well.

The economics of renewable technologies are what Dr. Gevorkian clearly identifies. This book is the latest step by step guide for integrators of large scale solar. All factors of design, construction, and finance of solar systems are explained with detail. Clear and concise. Thank you Dr. Gevorkian for the brilliant book.

In view of the importance of solar power energy deployment and use, this book represents an extraordinary perspective on the engineering, design, construction and financing of large scale grid connected solar power systems. The book is a comprehensive resource and reference guide that covers the entire perspective of large scale solar power system design, deployment and economics. The book is specifically written for audiences interested in procurement, financing and operations of large scale solar power systems. Large Scale Solar Power Systems Construction and Economics is a must read for existing and aspiring solar design consultants, integrators and financiers.

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