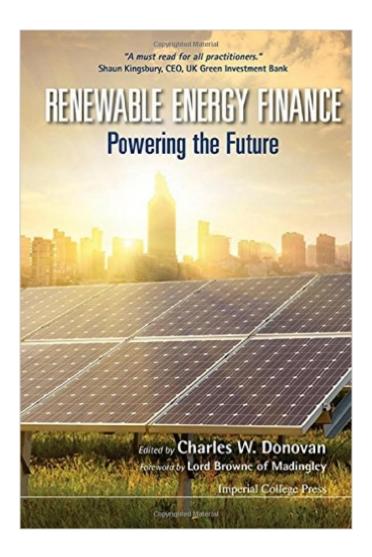
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Renewable Energy Finance: Powering The Future





Synopsis

The future of clean energy is no longer about science and technology; it's all about access to finance. The fossil fuel industry has been subsidized for decades with tax breaks and government backing, while renewables have struggled to compete. But now clean energy is the safe bet for investors, as is argued in Renewable Energy Finance: Powering the Future, edited by Dr Charles Donovan, Principal Teaching Fellow at Imperial College Business School. With a foreword by Lord Brown and contributions from some of the world's leading experts in energy finance, this timely book documents how investors are spending over US\$250 billion each year on new renewable energy projects and positioning themselves in a global investment market that will continue to expand at double-digit growth rates until 2020. It documents first-hand experiences of the challenges of balancing risk and return amid volatile market conditions and rapid shifts in government policy. Renewable Energy Finance provides an insider's perspective on renewable energy transactions, and insight into how countries like the US, India and China are responding to the global energy challenge. Drawing together contributions from senior executives and leading academics, Renewable Energy Finance serves an audience of readers craving intelligent, practical perspectives on the future of clean energy investment. Readership: Advance economics undergraduates and postgraduates undertaking modules in Environmental and Energy economics. Finance students undertaking Energy Finance modules. Researchers and interested financial professionals looking for a reference volume on clean energy investing.

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Production & Extraction

Customer Reviews

Excellent book for those that want to gain a broad understanding of how renewable energy projects can be financed, by who, how these projects compare against other assets, and how the field might evolve in the near future. Key strength is that each chapter is written by a real expert in the area and is full of relevant insights supported by world-class sources and data (e.g. IEA, CPI, BNEF). I found especially interesting the conceptual model that illustrates the influence of cost of capital on the valuation of RE investments across different investor types (Ch3) and the analysis of potential impact in financing costs across a range of policies (e.g. duration of support, revenue certainty, risk perception, etc.) in Ch5. The analysis of whether/how institutional investors can play a role in RE project financing in the future is outstanding and really worth reading in detail (Ch11).

Just got this book to help brief some colleagues on financing wind and solar projects. It is a great entry point and goes deep for people with substantive finance experience as well. I recommend it for people interested in expanding their own understanding of financing renewable projects and are looking for some clear examples of how to make financing projects more successful.

Great book. Written by a slate of real experts on the subject. Provides a solid introduction to renewable energy financing. Would make a good college level text book.

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