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Sommario/riassunto	This book examines simultaneous power generation and desalination driven by renewable energy systems. It covers all renewables, including solar, wind, geothermal, hydro, ocean and biomass as well as waste sources. This book also includes thermodynamic fundamentals, concepts, and system design, analysis and assessment studies, along with illustrative examples and case studies, for sustainable applications. It further provides an ample opportunity to learn more

about cutting-edge technologies and newly developed systems for power generation and desalination. Covers the most up-to-date systems, technologies and applications; Augments research presented with case studies, illustrate examples and problems; Includes utilization and discussion of exergy-based analysis and assessment methods. .

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