Record Nr. UNINA9910983491203321 Autore Murari Krishna Titolo Recent Advances in Power Systems: Select Proceedings of EPREC 2024, Volume 1 / / edited by Krishna Murari, Ravi Bhushan, S. K. Parida, S. N. Singh, S. A. Soman Singapore:,: Springer Nature Singapore:,: Imprint: Springer,, 2025 Pubbl/distr/stampa **ISBN** 9789819779215 9819779219 Edizione [1st ed. 2025.] Descrizione fisica 1 online resource (362 pages) Collana Lecture Notes in Electrical Engineering, , 1876-1119; ; 1271 Altri autori (Persone) BhushanRavi ParidaS. K SinghS. N SomanS. A Disciplina 621.31 Soggetti Electric power production Energy policy **Electrical Power Engineering** Mechanical Power Engineering Energy Policy, Economics and Management Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Chapter 1 -- Distributed Generation and Microgrid – Operation, Optimization and Stability. Chapter 2 -- Power System Protection --Chapter 3 -- Power System Restructuring, Chapter 4 -- Electric Vehicles Charging/Discharging Scheduling. Chapter 5 -- HVDC & FACTS - Recent Developments. Chapter 6 -- Demand-side Management. Chapter 7 -- Power Quality. Chapter 8 -- Developments in Load Flow Analysis. This conference proceedings, titled "Recent Advances in Power Systems: Sommario/riassunto Select Proceedings of EPREC-2024," offers comprehensive discussions, case studies, and recent advancements in power systems, with a particular focus on policy matters such as policies for distributed generation, sustainable energy, microgrid, smart grid, HVDC & FACTS,

power quality, and power system protection. The publication aims to

enrich the knowledge and expertise of readers in the field, serving as a valuable reference for beginners, researchers, and professionals keen on exploring developments in power systems. Furthermore, the book has the potential to inspire the generation of novel and innovative ideas in this domain.