

1. Record Nr.	UNINA9910826505903321
Autore	Patrick Dale R.
Titolo	Electrical power systems technology / / Dale R. Patrick, Stephen W. Fardo and Brian W. Fardo
Pubbl/distr/stampa	Denmark : , : River Publishers, , [2021] ©2021
ISBN	1-00-320742-1 1-5231-4457-2 1-003-20742-1 1-000-60011-4 87-7022-665-2
Edizione	[Fourth edition.]
Descrizione fisica	1 online resource (542 pages) : illustrations
Collana	River Publishers series in power
Disciplina	621.31
Soggetti	Electric machinery Electric power systems Electric power production
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover -- Title -- RIVER PUBLISHERS SERIES IN POWER -- Electrical PowerSystems Technology -- Copyrights -- Contents -- Preface -- UNIT I POWER MEASUREMENT SYSTEMS AND FUNDAMENTALS -- Chapter 1 Power Measurement Fundamentals -- Chapter 2 Power System Fundamentals -- Chapter 3 Power Measurement Equipment -- UNIT II Electrical Power Production Systems -- Chapter 4 Modern Power Systems -- Chapter 5 Alternative Power Systems -- Chapter 6 Alternating Current Power Systems -- Chapter 7 Direct Current Power Systems -- UNIT III Electrical Power Distribution Systems -- Chapter 8 Power Distribution Fundamentals -- Chapter 9 Power Distribution Equipment -- Chapter 10 Single-Phase and Three-Phase Distribution Systems -- UNIT IV Electrical Power Conversion Systems -- Chapter 11 Fundamentals of Electrical Loads -- Chapter 12 Heating Systems -- Chapter 13 Lighting Systems -- Chapter 14 Mechanical Systems -- UNIT V Electrical Power Control Systems -- Chapter 15 Power Control Devices -- Chapter 16 Operational Power Control Systems -- Chapter

[17 Control Devices](#) -- [Chapter 18 Evolving Power System Technologies and Considerations](#) -- [Appendix A Trigonometric Functions](#) -- [Appendix B The Elements](#) -- [Appendix C Metric Conversions](#) -- [Index](#) -- [About the Authors](#).

---