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| 1. Record Nr. | UNINA9910787581003321 |
| Autore | Boicea Valentin A. |
| Titolo | Essentials of natural gas microturbines // Valentin A. Boicea |
| Pubbl/distr/stampa | Boca Raton, FL : , : CRC/Taylor & Francis, , [2014] ©2014 |
| ISBN | 0-429-16925-6 1-4665-9471-3 |
| Edizione | [1st edition] |
| Descrizione fisica | 1 online resource (258 p.) |
| Disciplina | 621.43/3 621.433 |
| Soggetti | Gas-turbine power-plants Steam power plants |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | Front Cover; Contents; Acknowledgments; Chapter 1: Gas Turbines and the Automotive Industry; Chapter 2: Natural Gas Microturbines in Distributed Generation; Chapter 3: Gas Microturbines and Pollutant Emissions Optimization; Chapter 4: Generalities on the Design of a TA-100 Natural Gas Microturbine; Chapter 5: Power Converter Circuits Used for Grid Connection; Chapter 6: Grid Measurements and General Features of a TA-100 Gas Microturbine; Chapter 7: Case Studies; Chapter 8: Market Potential for Natural Gas Microturbines in California; References; Appendix 1; Appendix 2; Appendix 3; Back Cover |
| Sommario/riassunto | Addressing a field which, until now, has not been sufficiently investigated, Essentials of Natural Gas Microturbines thoroughly examines several natural gas microturbine technologies suitable not only for distributed generation but also for the automotive industry. An invaluable resource for power systems, electrical, and computer science engineers as well as operations researchers, microturbine operators, policy makers, and other industry professionals, the book: Explains the importance of natural gas microturbines and their use in distributed energy resource (DER) sy |