

1. Record Nr.	UNINA9910451347803321
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Titolo	Geothermal power plants [[electronic resource]] : principles, applications, case studies and environmental impact / / Ronald DiPippo
Pubbl/distr/stampa	Oxford, : Butterworth-Heinemann, c2008
ISBN	1-281-07707-0 9786611077075 0-08-055476-8
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (518 p.)
Disciplina	621.44
Soggetti	Geothermal power plants Geothermal resources Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previous ed.: Oxford: Elsevier, 2005. Includes index.
Nota di contenuto	Front Cover; Geothermal Power Plants, Second Edition; Copyright Page; Contents; Preface and Acknowledgements to the Second Edition; Preface to the First Edition; Acknowledgements to the First Edition; PART ONE: RESOURCE IDENTIFICATION AND DEVELOPMENT; Chapter 1. Geology of Geothermal Regions; 1.1 Introduction; 1.2 The earth and its atmosphere; 1.3 Active geothermal regions; 1.4 Model of a hydrothermal geothermal resource; 1.5 Other types of geothermal resources; References; Problems; Chapter 2. Exploration Strategies and Techniques; 2.1 Introduction; 2.2 Objectives of an exploration program 2.3 Phases of an exploration program 2.4 Synthesis and interpretation; 2.5 The next step: drilling; References; Problems; Chapter 3. Geothermal Well Drilling; 3.1 Introduction; 3.2 Site preparation and drilling equipment; 3.3 Drilling operations; 3.4 Safety precautions; References; Chapter 4. Reservoir Engineering; 4.1 Introduction; 4.2 Reservoir and well flow; 4.3 Well testing; 4.4 Calcite scaling in well casings; 4.5 Reservoir modeling and simulation; References; Problems; PART TWO: GEOTHERMAL POWER GENERATING SYSTEMS; Chapter 5. Single-Flash Steam Power Plants; 5.1 Introduction

5.2 Gathering system design considerations; 5.3 Energy conversion system; 5.4 Thermodynamics of the conversion process; 5.5 Example: Single-flash optimization; 5.6 Optimum separator temperature: An approximate formulation; 5.7 Environmental aspects for single-flash plants; 5.8 Equipment list for single-flash plants; References; Nomenclature for figures in Chapter 5; Problems; Chapter 6. Double-Flash Steam Power Plants; 6.1 Introduction; 6.2 Gathering system design considerations; 6.3 Energy conversion system; 6.4 Thermodynamics of the conversion process; 6.5 Example: Double-flash optimization; 6.6 Scale potential in waste brine; 6.7 Environmental aspects for double-flash plants; 6.8 Equipment list for double-flash plants; References; Nomenclature for figures in Chapter 6; Problems; Chapter 7. Dry-Steam Power Plants; 7.1 Introduction; 7.2 Origins and nature of dry-steam resources; 7.3 Steam gathering system; 7.4 Energy conversion system; 7.5 Example: Optimum wellhead pressure; 7.6 Environmental aspects of dry-steam plants; 7.7 Equipment list for dry-steam plants; References; Nomenclature for figures in Chapter 7; Problems; Chapter 8. Binary Cycle Power Plants; 8.1 Introduction; 8.2 Basic binary systems; 8.3 Working fluid selection; 8.4 Advanced binary cycles; 8.5 Example of binary cycle analysis; 8.6 Environmental impact of binary cycles; 8.7 Equipment list for basic binary plants; References; Nomenclature for figures in Chapter 8; Problems; Chapter 9. Advanced Geothermal Energy Conversion Systems; 9.1 Introduction; 9.2 Hybrid single-flash and double-flash systems; 9.3 Hybrid flash-binary systems; 9.4 Example: Integrated flash-binary hybrid system; 9.5 Total-flow systems; 9.6 Hybrid fossil-geothermal systems; 9.7 Combined heat and power plants; 9.8 Hot dry rock (enhanced geothermal systems)

Sommario/riassunto

Ron DiPippo, Professor Emeritus at the University of Massachusetts Dartmouth, is a world-regarded geothermal expert. This single resource covers all aspects of the utilization of geothermal energy for power generation from fundamental scientific and engineering principles. The thermodynamic basis for the design of geothermal power plants is at the heart of the book and readers are clearly guided on the process of designing and analysing the key types of geothermal energy conversion systems. Its practical emphasis is enhanced by the use of case studies from real plants that increase the reader's understanding and appreciation of the subject.