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Rajasthan, India

Chapter 9. Implementation of a Corporate-wide Process for Estimating Energy Consumption and Greenhouse Gas Emissions from Oil and Gas Industry OperationsChapter 10. Thermoneutral Co-production of Metals and Syngas without Greenhouse Gas Emissions; Chapter 11. An Analytical Method of Constructing Best-mixed Power Generation Systems Reflecting Public Preference; Chapter 12. Application of the API Compendium of Greenhouse Gas Emissions Estimation Methodologies for the Oil and Gas Industry to Examine Potential Emission Reductions Chapter 13. Cleaner Production Technology and Bankable Energy Efficiency Drives in Fertilizer Industry in India to Minimise Greenhouse Gas Emissions - Case StudyChapter 14. CO₂ Reduction in the Ironmaking Process by Waste Recycling and By-product Gas Conversion; PART III: ZERO EMISSION POWER PLANTS; Chapter 15. Clean Coal-fired Power Plant Technology to Address Climate Change Concerns; Chapter 16. An 865 MW Lignite Fired CO₂ Free Power Plant - A Technical Feasibility Study; Chapter 17. Recent Developments on Flue Gas CO₂ Recovery Technology Chapter 18. IGCC - The Best Choice for Producing Low-CO₂ PowerChapter 19. Modeling Infrastructure for a Fossil Hydrogen Energy System with CO₂ Sequestration; PART IV: ECONOMICS; Chapter 20. A CO₂-Infrastructure for EOR in the North Sea (CENS): Macroeconomic Implications for Host Countries; Chapter 21. Economic Modeling of the Global Adoption of Carbon Capture and Sequestration Technologies; Chapter 22. Economic Benefits of a Technology Strategy and R&D Program in Carbon Sequestration; Chapter 23. Prospects for Carbon Capture and Sequestration Technologies Assuming Their Technological Learning Chapter 24. CO₂ Storage and Sink Enhancements: Developing Comparable Economics

Sommario/riassunto

Climate change is an issue that is highly debated around the globe. This book brings together the papers that were presented at a conference dedicated to this issue, held in Kyoto in October 2002. Covering a broad range of areas, the topics presented will benefit both those working in the field of carbon dioxide recovery and sequestration, and those looking at the effects of non carbon dioxide greenhouse gases. An overview of the Research and Design technologies which aid in mitigating climate change is included, which will be invaluable to those researching new opportunities for dealing
