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978-1-107-09242-6 - The Global Coal Market: Supplying the Major Fuel for Emerging Economies

Edited by Mark C. Thurber and Richard K. Morse

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The Global Coal Market

Coal has been the world's fastest-growing energy source in absolute terms for over a decade. Coal also emits more CO₂ than any other fossil fuel and contributes to serious air pollution problems in many regions of the world. If we hope to satisfy the demand for affordable energy in emerging economies while protecting the environment, we need to develop a keen understanding of the market that supplies coal. This book offers an in-depth analysis of the key producers and consumers that will most influence coal production, transport, and use in the future. By exploring how countries such as China, India, Indonesia, Australia, and South Africa have developed their respective coal industries – and how these industries link together through the international coal trade – experts shed light on how the global coal market may evolve, and the economic and environmental implications. This book is the most comprehensive treatment of these topics to date and will appeal to a wide readership, including scholars and practitioners working on energy economics and policy.

Mark C. Thurber is Associate Director at the Program on Energy and Sustainable Development (PESD) at Stanford University, where he studies coal, natural gas, oil, electricity, and carbon markets, as well as how to deliver energy to the poorest populations around the world. He teaches on energy markets and policy at Stanford University's Graduate School of Business.

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*Supplying the Major Fuel for Emerging
Economies*

Edited by

Mark C. Thurber and Richard K. Morse

Stanford University



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CAMBRIDGE
UNIVERSITY PRESS

University Printing House, Cambridge CB2 8BS, United Kingdom

Cambridge University Press is part of the University of Cambridge.

It furthers the University's mission by disseminating knowledge in the pursuit of education, learning and research at the highest international levels of excellence.

www.cambridge.org

Information on this title: www.cambridge.org/9781107092426

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First published 2015

A catalogue record for this publication is available from the British Library.

Library of Congress Cataloguing in Publication data

The global coal market : supplying the major fuel for emerging economies / edited by Mark C. Thurber, Richard K. Morse.

pages cm

ISBN 978-1-107-09242-6 (hardback)

1. Coal trade – Developing countries. 2. Energy consumption – Developing countries. I. Thurber, Mark C. II. Morse, Richard K.

HD9554.D442G66 2015

381'.4224–dc23

2015001500

ISBN 978-1-107-09242-6 Hardback

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Cambridge University Press

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Acknowledgements

This book grew out of the observation that academic attention to coal markets in recent years has not been even remotely commensurate with the significance of the fuel in meeting energy needs globally. Whether one believes that coal is a significant positive for the world, a significant negative, or a mixed bag, there is no escaping the fact that dealing with reality means accepting coal's current importance and trying to understand where we go from here. We are delighted that we were able to assemble a group of experts with such deep country, modeling, and technology expertise to explore what we can learn from the development thus far of coal industries and coal markets around the world.

This project began at the Program on Energy and Sustainable Development (PESD) here at Stanford University when David Victor was director of the program. We are grateful for his vision in recognizing the importance of the global coal market and the relative dearth of attention that has been paid to it in academic circles. The current director of PESD, Frank Wolak, picked up where David left off in fully supporting this work and helping to bring it to fruition. Kathy Lung, PESD's operations director, was, as usual, extremely supportive throughout the process. PESD staffer Brian Kooiman provided helpful editing and formatting assistance, as did Laura Seaman from our parent institute at Stanford, the Freeman Spogli Institute for International Studies (FSI).

We appreciate our ongoing relationship with Cambridge University Press and the highly capable work of many staff there in turning this manuscript into a book. Chris Harrison was an advocate for the project from the very beginning, and Philip Good was an excellent steward as well. Claire Wood was a pleasure to work with on all aspects of the editing and production process. David Morris did great work on the cover, and Sri Hari Kumar at Integra was responsive and helpful.

We would like to specially thank contributor Bart Lucarelli for valuable comments and insights that helped improve a number of chapters in the book. Mark Hutchinson of IHS CERA also provided helpful support in the form of published price data for Indonesian steam coal.

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xx *Acknowledgements*

Staff at the National Bureau of Asian Research, and especially Meredith Miller and Clare Richardson-Barlow, have been supportive of this project for several years, and they helped provide forums for discussing the themes of this book.

Many, many other people contributed significantly to the individual chapters herein. They are thanked at the beginning of each chapter.

We hope you will find the material in this volume to be useful.

Mark C. Thurber

Richard K. Morse