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978-1-107-04371-8 - Transforming U.S. Energy Innovation

Edited by Laura Diaz Anadon, Matthew Bunn and Venkatesh Narayanamurti

Frontmatter

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TRANSFORMING U.S. ENERGY INNOVATION

One of the greatest challenges facing human civilization is the provision of secure, affordable energy without causing catastrophic environmental damage. As the world's largest economy, and as a world leader in energy technologies, the United States is a particularly important case. In the light of increased competition from other countries (particularly China), growing concerns about the local and global environmental impacts of the energy system, an ever-present interest in energy security, and the realization that technological innovation takes place in a complex ecosystem involving a wide range of domestic and international actors, this volume provides a comprehensive and analytical assessment of the role that the U.S. government could play in energy technology innovation. It will be invaluable for policy makers in energy innovation and for researchers studying energy innovation, future energy technologies, climate-change mitigation, and innovation management. It will also act as a supplementary textbook for courses on energy and innovation.

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