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Jessica Fox, Morgan Scott (Eds.)

# Sustainable Electricity II

## A Conversation on Tradeoffs

- Realities of power company choices, regulatory boundaries, and stakeholder approvals
- Expectations of the responsible investor, environmental advocate, and Silicon Valley companies including Google, Facebook, and Stanford University
- Surprising stories show how creativity, innovation, and planning can resolve some of the toughest choices facing electric power companies today, although not in all cases

Realities of power company choices, regulatory boundaries, and stakeholder approvals. Expectations of the responsible investor, environmental advocate, and Silicon Valley companies including Google, Facebook, and Stanford University. Surprising stories show how creativity, innovation, and planning can resolve some of the toughest choices facing electric power companies today, although not in all cases. Building on the first volume, *Sustainable Electricity: Case Studies from Electric Power Companies in North America* (Fox, 2016. Springer), this book dives headfirst into the economic, environmental, and social tradeoffs power companies face as they strive to be sustainable. With more than 40 contributing experts, chapters include first-hand power company stories, case studies of leading Silicon Valley organizations; socially responsible investor contemplations; environmental advocacy arguments; and regulatory realities. The book provides a window into the choices companies make, the tradeoffs stakeholders accept, and the bottom line that comes with producing sustainable electricity. It will be an important resource that will accelerate collective thoughts on what 'sustainable electricity' means and what needs to be considered when the "everyone wins" outcome is elusive. "People have been able to fish, hike, camp and boat on a beautiful AEP property that supports recreational activities for many years. Now AEP has to generate income from this property. Do we build roads and drill to extract the natural gas? Do we sell the timber and keep the property? Do we sell the whole thing? What about the fish, deer and other wildlife? Tradeoffs will be made, and not everyone will like them." Tim W. Lohner, Ph.D., Environmental Specialist, American Electric Power.

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