

# Contents

<b>1</b>	<b>Introduction: Defining Sustainable Electricity</b> . . . . .	<b>1</b>
	Jessica Fox and Anda Ray	
<b>2</b>	<b>American Electric Power: Stakeholder Engagement and Company Culture</b> . . . . .	<b>7</b>
	Sandy Nessing	
<b>3</b>	<b>BC Hydro: How Demand-Side Management Can Help Utilities Achieve Triple Bottom Line Outcomes</b> . . . . .	<b>31</b>
	Brenda Goehring and Kristin Hanlon	
<b>4</b>	<b>Consolidated Edison Company of New York: Distributed Generation</b> . . . . .	<b>53</b>
	Jim Skillman and Morgan Scott	
<b>5</b>	<b>CPS Energy: Clean Energy, Community, and Business Vitality</b> . . . .	<b>75</b>
	Monika Maeckle, Lisa Clyde and Kim Stoker	
<b>6</b>	<b>DTE Energy: Water Management</b> . . . . .	<b>91</b>
	Patricia Ireland	
<b>7</b>	<b>Duke Energy: Engaging Employees in Sustainability</b> . . . . .	<b>111</b>
	Michelle Abbott	
<b>8</b>	<b>Entergy: Climate Change Resiliency and Adaptation</b> . . . . .	<b>133</b>
	Brent Dorsey	
<b>9</b>	<b>Exelon Corporation: Strategic Greenhouse Gas Management</b> . . . . .	<b>151</b>
	Christopher D. Gould, William J. Brady, Melanie Dickersbach, Bruce Alexander and Alfred Picardi	
<b>10</b>	<b>Hoosier Energy Rural Electric Cooperative, Inc.: The Rural Cooperative Perspective</b> . . . . .	<b>169</b>
	Michalene Reilly	

**11 Los Angeles Department of Water and Power: Energy Efficiency  
for Our City and Our Customers . . . . . 191**  
Maria Sison-Roces and David Jacot

**12 Southern California Edison: Renewable Energy . . . . . 211**  
Dawn Wilson, Ron Gales and Pat Adams

**13 Tennessee Valley Authority: Balancing Aquatic Biodiversity,  
River Management, and Power Generation . . . . . 225**  
Tiffany Foster, Monte Lee Matthews, David Matthews, Hill Henry  
and Shannon O’Quinn

**14 The Fourth Energy Wave: The Sustainable Consumer  
Is Knocking . . . . . 241**  
Clark W. Gellings

**15 The Next Decade of Sustainability Science . . . . . 257**  
Jessica Fox

**Index. . . . . 263**

<http://www.springer.com/978-3-319-28951-9>

Sustainable Electricity  
Case Studies from Electric Power Companies in North  
America

Fox, J. (Ed.)

2016, XXXII, 264 p. 117 illus., 116 illus. in color.,

Hardcover

ISBN: 978-3-319-28951-9