

# Solar Revolution

## The Economic Transformation of the Global Energy Industry

Travis Bradford

The MIT Press  
Cambridge, Massachusetts  
London, England

# Contents

Preface: The Future of Energy	ix
Acknowledgments	xv
<b>I The Inevitability of Solar Energy</b>	<b>1</b>
1 A New Path on the Horizon	3
<b>II Past to the Present</b>	<b>21</b>
2 A Brief History of Energy	23
3 An Unsustainable Status Quo	45
4 The Field of Alternatives	67
5 Solar Energy	89
<b>III Future Transformations</b>	<b>113</b>
6 Modern Electric Utility Economics	115
7 The Emergence of Distributed Economics	135
8 Solar Electricity in the Real World	153
<b>IV A Promising Destination</b>	<b>169</b>
9 Tools for Acceleration	171
10 Facing the Inevitable	185
Appendix: Energy and Electricity Measurements	199
Notes	201
Suggested Readings	221
Credits	223
Index	227