

# Contents

<i>List of Figures</i>	page viii
<i>List of Tables</i>	ix
<i>Preface</i>	xi
<i>Acknowledgements</i>	xii
<i>List of Abbreviations</i>	xiv
<b>1 Introduction</b>	<b>1</b>
1.1 The Argument	9
1.2 The Approach	12
1.3 Why Energy? The Peculiar Politics of Energy	16
1.4 Continuity and Change in the Study of Energy	17
1.5 Energy as a Change in State	21
<b>2 Theorising Energy Transitions</b>	<b>27</b>
2.1 Sociotechnical Transitions	28
2.2 From Transition to Transformation	35
2.3 Political Economies of Transition	37
2.4 Globalising the Political Economies of Energy Transition	39
2.5 The International Relations of Energy	42
2.6 Historicising the Political Economy of Energy Transitions	49
2.7 Ecologising the Political Economy of Energy Transitions	59
<b>3 Producing Energy Transitions</b>	<b>62</b>
3.1 Historicising Energy Production	67
3.2 Political Economy of Energy Production	73
3.3 The Global Organisation of Incumbent Power	75
3.4 Discursive Support to Incumbents	77
3.5 Transitions within Business: The Business of Climate Change	82



3.6	Labour	90
3.7	The Shifting Governance of Energy Production	93
3.8	Ecologies of Energy Production	96
3.9	Production as If the Planet Mattered	101
4	Financing Energy Transitions	104
4.1	Historicising Energy Finance	109
4.2	Financing Energy Infrastructures and Technological Revolutions	112
4.3	Financialisation and Commodification of Energy and Climate	115
4.4	Political Economy of Energy Finance	118
4.5	Governance of Energy Finance	123
4.6	Ecologies of Energy Finance	129
4.7	Contesting Finance	131
4.8	Ecologies of Governance of Energy Finance	132
4.9	Conclusions	134
5	Governing Energy Transitions	137
5.1	Historicising Energy Governance	140
5.2	Political Economy of Energy Governance	143
5.3	Regulation	150
5.4	Governing Technology and Innovation	156
5.5	Political Economy of Distribution	159
5.6	Ecologies of Energy Governance	161
5.7	Conclusion	167
6	Mobilising Energy Transitions	170
6.1	Historicising Mobilisation	174
6.2	Political Economy of Mobilisation	177
6.3	Redirecting Finance	178
6.4	Participation in Policy	184
6.5	Co-producing Energy Governance	187
6.6	Restricting Production through Resistance	191
6.7	Building Just Transitions	194
6.8	Culturing Change	202
6.9	The Turn Towards Behaviour	204
6.10	Ecologies of Mobilisation	213
6.11	Conclusion	219



7	Conclusions	221
7.1	Pathways to Change	228
	Notes	241
	Bibliography	244
	Index	280