

Contents

1	Introduction	1
1.1	Community Energy: From Grassroots Innovation to Political Agent	4
1.2	Research Puzzle, Objectives and Questions	6
1.3	Community Energy: Literature Review and Gaps	11
1.3.1	Community Energy Literature	11
1.3.2	Community Energy and Change	14
1.3.3	Research Gaps	23
1.4	Structure of Work	25
2	Theoretical Framework	27
2.1	Theorizing Energy Transitions and Change	27
2.1.1	Energy Transitions and Socio-Technical Change	27
2.1.2	Energy Transition Politics and Policy Change	30
2.2	Theorizing Policymaking and Change	32
2.2.1	Overcoming the Policy Process	32
2.2.2	Discursive Institutionalism and Change	34
2.2.3	Discursive Practices: Frames, Framing and Storylines	42
2.3	Theorizing Political Agency and Change	46
2.3.1	Community Energy—A Social Movement?	47
2.3.2	The 4 th Wave of Sustainability Movements	49
2.3.3	From Innovation to Mobilization and Political Organization	50
2.3.4	Community Energy as a Policy Actor: Roles, Strategies and Skills	53
2.4	Operationalization	56

2.4.1	Institutionalization of Community Energy in Policymaking	57
2.4.2	Three Analytical Dimensions	60
3	Research Design and Methods	67
3.1	Research Design	67
3.1.1	Qualitative Case Studies	70
3.1.2	Within-Case Analysis and Comparison	78
3.2	Data Collection	86
3.2.1	Interviews	86
3.2.2	Participant Observation	94
3.2.3	Document Analysis	97
3.3	Data Analysis	99
3.3.1	Coding	99
4	Community Energy in European Energy Politics	103
4.1	Community Energy Appears on the Political Agenda (2012–2015)	104
4.1.1	The Energy Union Vision	104
4.1.2	European Community Energy Organizations	108
4.2	Community Energy in Policy Formulation (2015–2016)	126
4.2.1	The EU Commission’s Winter Package	127
4.2.2	EU Energy Transition: From “if” to “how”	130
4.3	Community Energy in Decision-Making (2017–2019)	138
4.3.1	The EU’s Clean Energy for All Europeans Package	139
4.3.2	Ideas Behind Community Energy Policy	145
4.3.3	Interaction and the Politics of EU Energy Policy	161
5	Citizen Energy in German Energy Politics	181
5.1	Citizen Energy Appears on the Political Agenda (2012–2014)	182
5.1.1	Broad Participation of Citizens in the Energy Transition	182
5.1.2	The Emergence of Citizen Energy Organizations	184
5.1.3	Citizen Energy Ideas and a Common Identity	190
5.2	Citizen Energy in Policy Formulation (2014–2017)	200
5.2.1	Reforms of the Renewable Energy Law 2014 & 2016 ...	201
5.2.2	The Struggle Over the Meaning of Actor Diversity	214
5.2.3	The Ministry Subworking Group “Diversity of Players / Citizens’ Energy”	227
5.3	Citizen Energy in Decision-Making (2016)	235

6	Comparison of German and EU Community Energy Politics	251
6.1	Comparing the Policy Outcomes: Same Same but Different	251
6.1.1	Policy Goals: Retain Actor Diversity vs. Enable Citizen Engagement	252
6.1.2	Definitions: Renewable Energy Communities vs. Citizen Energy Companies	253
6.1.3	Measures	255
6.2	Comparing CE Influence on Policy Outcomes	259
6.3	Explaining the Outcomes	261
6.3.1	Mobilization of Knowledge and Translation in Policymaking	261
6.3.2	Framing and Frames in Policymaking	267
6.3.3	Political Agency in Policymaking	274
6.3.4	Constraints and Opportunities in Policymaking	280
7	Findings and Discussion	285
7.1	The Politics of Community Energy: Trajectories of Policy Change	286
7.1.1	A New Role for Community Energy in Energy Transitions	286
7.1.2	Shifting the Balance of Power in Energy Transitions?	298
7.1.3	Policymaking, Pathways and Transitions	308
8	Conclusion	313
8.1	Summary of Thesis	313
8.2	Community Energy’s Trajectory of Political Agency and Change	315
8.3	Contributions to Empirical Knowledge and Theory Building	319
8.4	Scope of this Research	324
8.5	Further Research Avenues	326
8.6	Recommendations for Policy and Practice	328
	List of Events Attended and Organized for Participant Observation	334
	List of Expert Interviews	331
	Bibliography	337