## Contents

Preface and Acknowledgements		vii
Part O	ne Setting the Scene	1
1	Introduction	3
2	Welfare Economic Foundations	6
Part T	wo A General and Comprehensive Analysis of	
	Peak-load Pricing	23
3	Introduction to the Theory of Peak-load Pricing	25
4	Peak-load Pricing Models under Certainty	36
5	Stochastic Models of Peak-load Pricing	66
6	Some Numerical Illustrations	99
7	Dynamic Analysis of Peak-load Pricing	108
Part T	hree Public Utility Regulation	117
8	Public Utility Regulation or Public Ownership	119
9	Some Theoretical Considerations of Regulation	129
Part Four Policy Implications for Electricity Supply		157
10	Electricity Supply	159
11	Peak-load Pricing and Energy Conservation	179
12	Concluding Remarks	194
Mathematical Appendix		201
Solution and Hints to Selected Problems		209
Notes		215
References		231
Index		243