

Contents

1 Introduction and Policy 1

- Findings 3
- Policy Context 10
- Policy Options 23

2 Industrial Energy Consumption 35

- Overall Energy Consumption 35
- Energy Sources 37
- Industries and Their Energy Use 43
- Energy Intensity 53
- Outlook 56

3 Improved Technologies and Practice 65

- Generic Improvements 67
- Process Industries 81
- Materials Production 97

4 Energy in the Corporate Context 117

- Investment in Efficiency 117
- Industrial Companies and Utilities 125
- Appendix A: Funding of DOE, Office of
Industrial Technologies Research
and Development Program 133

INDEX 137

