

Energy Policy and Economic Framework

1 – The World of Energy: A Global Overview

- 1 The Shifting Landscape of Global Energy Markets
- 2 Increasing Energy Demand by Increase in Population
- 3 Economic Growth and Growing Energy Demand
- 4 Increased Volume of Traffic
- 5 The Geostrategic Importance of Access to Energy
- 6 Energy and Environment
- 7 Climate Protection
- 8 Energy and Foreign- and Security Policy
- 9 Policy and Lobbying

2 – Overview of Renewable Energy Technologies

- 1 Introduction to Renewables
- 2 Renewable Energy Technology Overview
- 3 Integrating Renewables into the Power System

3 – Understanding the Energy Transition

- 1 Introduction
- 2 Key Resources to Understand the Energy Transition

4 – Global Climate Change: Politics and Prospects

- 1 United Nations Framework Convention on Climate Change (UNFCCC) and Kyoto Protocol
- 2 The Paris Climate Accord
- 3 Outlook: Climate Protection for the post-2020 Period

5 – The Role of Energy Policy

- 1 The Roles of Energy Policy
- 2 Environmental Sustainability
- 3 Socio-Economic Aspects of Energy Policy
- 4 The Use of Energy Subsidies

6 – Renewable Energy Policy Instruments

- 1 Introduction
- 2 Feed-in Tariffs
- 3 Auctions
- 4 Quota-based Mechanisms
- 5 Net Metering
- 6 Fiscal and Financial Instruments

7 – The Importance of Energy Efficiency

- 1 Introduction
- 2 Feed-in Tariffs
- 3 Auctions
- 4 Quota-based Mechanisms
- 5 Net Metering
- 6 Fiscal and Financial Instruments

8 – Understanding Electricity Markets

- 1 Introduction
- 2 Historical Context
- 3 Understanding Electricity Markets

