

List of Tables

| <i>List of Tables</i> | <i>Page No.</i> |
|--|-----------------|
| CHAPTER 1 Reserves and potential for generation | |
| Table 1.1: Statewise Estimated Reserves of Coal | 10 |
| Table 1.1(A): Statewise Estimated Reserves of Lignite | 10 |
| Table 1.2: Statewise Estimated Reserves of Crude Oil and Natural Gas | 11 |
| Table 1.3: Sourcewise and Statewise Estimated Potential of Renewable Power in India as on 31.03.2023 | 12 |
| CHAPTER 2 Installed capacity and capacity utilization | |
| Table 2.1: Installed Capacity of Coal Washeries | 18 |
| Table 2.2: Installed Capacity and Utilization of Refineries of Crude Oil | 20 |
| Table 2.3: Yearwise Installed Capacity of Electricity Generation in Utilities and Non-utilities | 21 |
| Table 2.4: Regionwise and Statewise Installed Capacity of Electricity Generation (Utilities) | 22 |
| Table 2.5: Statewise cumulative Installed Capacity of Grid Interactive Renewable Power as on 31.3.2023 | 23 |
| Table 2.6: Installation of Off-grid / Decentralized Renewable Energy Systems/ Devices as on 31.03.2023 | 24 |
| CHAPTER 3 Production of Energy Resources | |
| Table 3.1: Yearwise Production of Energy Resources in Physical Units | 31 |
| Table 3.2: Yearwise Production of Energy Resources in Energy Units | 32 |
| Table 3.3: Yearwise Production of Coal - Typewise and Sectorwise | 32 |
| Table 3.3 A: Gradewise Production of Coking Coal by Companies in FY: 2021-22 & FY:2022-23(P) | 33 |
| Table 3.3 B: Gradewise Production of Non-Coking Coal by Companies in FY: 2021-22 & FY:2022-23(P) | 33 |

| | |
|---|----|
| Table 3.4: Yearwise Domestic Production of Petroleum Products | 34 |
| Table 3.5: Yearwise Gross and Net Production of Natural Gas | 35 |
| Table 3.6 (A): Yearwise Gross Generation of Electricity from Utilities | 36 |
| Table 3.6 (B): Yearwise Gross Generation of Electricity from Non-Utilities | 36 |
| CHAPTER 4 Foreign Trade and Prices of Energy Resources | |
| Table 4.1: Yearwise Foreign Trade in Coal, Crude Oil, Petroleum Products (total), Natural Gas and Electricity | 41 |
| Table 4.2: Yearwise Wholesale Price Indices of Energy Commodities | 42 |
| CHAPTER 5 Availability of Energy Resources | |
| Table 5.1: Yearwise Availability of Energy Resources | 47 |
| Table 5.2: Yearwise Availability of Coal and Lignite | 47 |
| Table 5.3: Yearwise Availability of Crude Oil, Petroleum Products and Natural Gas. | 48 |
| Table 5.4: Yearwise Availability of Electricity | 48 |
| CHAPTER 6 Consumption of Energy Resources | |
| Table 6.1: Yearwise Consumption of Energy Resources in Physical Units | 56 |
| Table 6.2: Yearwise Consumption of Energy Resources in Energy Units | 56 |
| Table 6.3: Yearwise Consumption of Coal - Industry-wise | 57 |
| Table 6.4: Yearwise Consumption of Lignite - Industrywise | 57 |
| Table 6.5: Yearwise Consumption of Petroleum Products - Categorywise | 58 |
| Table 6.6: Yearwise Consumption of Selected Petroleum Products - Sectorwise (end use) | 59 |
| Table 6.7: Yearwise Consumption of Natural Gas - Sectorwise | 63 |
| Table 6.8: Yearwise Consumption of Electricity - Sectorwise | 64 |

| | |
|--|----|
| Table 6.9: Electricity Generated (from Utilities), Distributed, Sold and Transmission Losses | 64 |
| CHAPTER 7 Energy Balance and Sankey Diagram | |
| Table 7.1: Energy Commodity Balance for the year 2021-22 (F) | 68 |
| Table 7.2: Energy Balance of India for FY: 2020-21(F) | 69 |
| Table 7.3: Energy Balance of Petroleum Products for 2021-22 (F) | 70 |
| Table 7.4: Energy Commodity Balance for 2022-23 (P) | 71 |
| Table 7.5: Energy Balance of India for FY: 2022-23 (P) | 72 |
| Table 7.6: Energy Balance of Petroleum Products for 2022-23 (P) | 73 |
| CHAPTER 8 Sustainability and Energy | |
| Table 8.1: State-wise Number of Villages Electrified | 82 |
| Table 8.2: Per-Capita Energy Consumption and Energy Intensity | 83 |
| Table 8.3: India's Total Emissions related to Energy Sector | 83 |
| Table 8.4: Table 8.4: Energy Use per Capita in India during last 10 years | 86 |
| Table 8.5: Energy Consumption per 000' rupees of GDP during last 10 years | 88 |
| Table 8.6: Efficiency in energy conversion and distribution | 90 |
| Table 8.7: Reserve to Production Ration of Coal, Lignite and All (Coal, lignite, Crude Oil and Natural Gas) during last 10 years (in Year) | 91 |
| Table 8.8: Resource to Production Ratio of all Energy Commodities during last 10 years (in Year) | 93 |
| Table 8.9: Energy Intensity (in MJ/'000 Rs. of GVA) of major sectors during last 10 years | 94 |
| Table 8.10: Electricity Intensity (in Kwh / '000 Rs. of GVA) of major sectors of Economy during last 10 years | 95 |
| Table 8.11: Fuel share of major Energy Commodities in TPES during last 10 years (in percentage) | 96 |
| Table 8.12: Fuel share different energy commodities in TFC during last 10 years (in Percentage) | 98 |
| Table 8.13: Share of different fuel in Total Generation of Electricity (in percentage) | 99 |

| | |
|--|-----|
| | |
| Table 8.14: Share of Renewable and Non-Renewable energy resources in total Electricity | 99 |
| Table 8.15: Net Energy Import dependency of energy commodities during last 10 years | 100 |
| Table 8.16 Energy Indicators (Economic Dimension) for Sustainability from FY: 2012-13 to FY: 2022-23 | 101 |