

List of Figures

<i>List of Figures</i>	<i>Page No.</i>
CHAPTER 1	
Reserves and potential for generation	
Fig 1.1: Estimated Reserves of Coal as on 01.04.2022	6
Fig 1.2: Estimated Reserves of Lignite as on 01.04.2022	7
Fig 1.3: Estimated Reserves of Crude Oil in India as on 31.03.2022	7
Fig 1.4: Estimated Reserves of Natural Gas in India as on 31.03.2022	8
Fig 1.5: Source-wise Estimated Potential of Renewable Power in India as on 31.03.2022	8
Fig 1.6: Statewise Estimated Potential of Renewable Power in India as on 31.03.2022	9
CHAPTER 2	
Installed capacity and capacity utilization	
Fig 2.1: Trends in Installed Electricity Generation Capacity (MW) in India during the period 2012-13 to 2021-22 (P)	14
Fig 2.2: Trends in Installed Electricity Generation Capacity from Utilities (MW) in India - Sourcewise during the period 2012-13 to 2021-22 (P)	15
Fig 2.3: Regionwise Installed Capacity of Electricity Generation (Utilities) as on 31.03.2022	15
Fig 2.4: Sectorwise percentage distribution of Installed Grid-Interactive Renewable Power Capacity during 2021-22(P)	16
Fig 2.5: Installed Capacity of Grid-Interactive Renewable Power During 2020-21 and 2021-22 (P)	17
Fig 2.6: Installation of Off-grid / Decentralised Renewable Energy Systems/ Devices during last 3 years	17
CHAPTER 3	
Production of Energy Resources	
Fig 3.1: Compound Annual Growth Rate of Production of Energy Resources from 2012-13 to 2021-22 (P)	26
Fig 3.2: Trends in Production of Energy (in petajoules) by Commercial Sources in India from 2012-13 to 2021-22 (P)	27
Fig 3.3: Share of Total Energy Generated from different Commercial Sources in India during FY: 2021-22(P)	27
Fig 3.4: Share of Private and Public sector in Production of Coal in India during FY: 2012-13 to FY: 2021-22 (P)	28
Fig 3.5: Production of Petroleum Products-by type during FY: 2021-22(P)	28
Fig 3.6: Yearwise domestic production of Petroleum products during	29

FY: 2012-13 to FY: 2021-22(P)	
Fig 3.7: Trend of Net production (for Sale) of Natural Gas in India during FY: 2012-13 to FY: 2021-22(P)	30
Fig 3.8: Trends of Generation of Electricity from Utilities and Non-Utilities in India from 2012-13 to 2021-22(P)	30
CHAPTER 4 Foreign Trade and Prices	
Fig 4.1: Trends of Import of Coal, Crude Oil, Petroleum products in India during FY : 2012-13 to 2021-22(P)	39
Fig 4.2: Trends of Import of Natural Gas and Electricity in India during FY : 2012-13 to 2021-22(P)	39
Fig 4.3: Yearwise Wholesale Price Indices of Energy Commodities	40
Fig 4.4: Yearwise Wholesale Price Indices of Energy Commodities	40
CHAPTER 5 Availability of Energy Resources	
Fig 5.1: Yearwise Total Availability of Coal and Lignite in India during FY : 2012-13 to FY : 2021-22(P)	44
Fig 5.2: Trend of Production and Import of Coal in India during FY: 2012-13 to FY: 2021-22(P)	45
Fig 5.3: Yearwise Total Availability of Crude Oil in India during FY : 2012-13 to FY : 2021-22(P)	45
Fig 5.4: Yearwise Total Availability of petroleum products in India during FY : 2012-13 to FY : 2021-22(P)	46
Fig 5.5: Trends of Net availability of Electricity in India during 2012-13 to 2021-22 (P)	46
CHAPTER 6 Consumption of Energy Resources	
Fig 6.1: Growth rate of consumption of Energy Resources in India during FY: 2021-22(P) over 2020-21	50
Fig 6.2: Yearwise Trend of Production and Consumption of Coal in India during FY:2012-13 to FY:2021-22(P)	50
Fig 6.3: Trend of total consumption of Energy in India during FY: 2012-13 to FY: 2021-22 (P)	51
Fig 6.4: Sourcewise Consumption of Energy during 2021-22(P)	51
Fig 6.5: Percentage consumption of Coal into different sectors during FY:2021-22(P)	52
Fig 6.6: Trend of total consumption of Petroleum Products in India during FY: 2012-13 to FY: 2021-22 (P)	53
Fig 6.7: Consumption of Petroleum Products- By type during FY:2021-22(P)	53
Fig 6.8: Sector-wise consumption of	54

HSDO (High Speed Diesel Oil) during last 5 years	
Fig. 6.9: Trend in Percentage Consumption of Natural Gas	54
Fig 6.10: Consumption of Electricity by Sectors in India during 2021-22(P)	55
Fig 6.11: Sector-wise consumption of Electricity during last 5 years	55
CHAPTER 7 Energy Balance and Sankey Diagram	
Fig 7.1: Year-wise comparison of TPES and Energy Supplied from Coal_IEA Vs. Domestic Conversion Factors	72
Fig 7.2: Year-wise comparison of Energy Consumption using IEA Vs. Domestic Conversion Factors	72
Fig 7.3: Sankey Diagram on Overall Energy Flow in India during FY: 2020-21(Final) (in KToe)	73
Fig 7.4: Sankey Diagram on Final Consumption by sectors in India during FY: 2020-21(Final) (in KToe)	74
Fig. 7.5: Sankey Diagram on Overall Energy Flow in India during FY: 2021-22(P) (in KToe)	75
Fig. 7.6: Sankey Diagram on Final Consumption by sectors in India during FY: 2021-22 (P) (in KToe)	76
CHAPTER 8 Sustainability and Energy	
Fig 8.1: Energy Intensity in megajoule per rupee from 2012-13 to 2021-22(P)	79
Fig 8.2: Per Capita Energy Consumption in India (Megajoule/Person) from 2012-13 to 2021-22(P)	80