

August 2025

Turkmenistan



Table of Contents

Table of Contents	1
List of Graphs & Tables	2
Overview	4
Energy & Climate Policy Framework	6
Energy Companies	10
Energy Supply & Demand	12
Energy Use & Price by Sector	24
Issues & Prospects	33
Statistics, Abbreviations & Glossary	39

AUTHOR

**Maxime BENOIT-
GUYOD**
Senior Analyst

List of Graphs & Tables

List of Graphs

- Graph 1: Primary Consumption Trends by Energy Source 13
- Graph 2: Total Consumption Market Share by Energy (2024) 14
- Graph 3: Installed Electric Capacity by Source 15
- Graph 4: Installed Electric Capacity by Source (2024) 15
- Graph 5: Gross Power Production by Source & Consumption 16
- Graph 6: Power Generation by Source (2024) 17
- Graph 7: Crude Oil Production & Consumption 18
- Graph 8: Petroleum Products Production & Consumption 19
- Graph 9: Gas Production & Consumption 21
- Graph 10: GHG Emissions and CO₂-energy Emissions 22
- Graph 11: Final Demand Trends by Energy Source 26
- Graph 12: Final Consumption by Sector 26
- Graph 13: Final Consumption Market Share by Sector (2024) 27
- Graph 14: Final Consumption in Industry by Energy Source 28
- Graph 15: Final Consumption in Transport by Energy Source 29
- Graph 16: Energy Prices Including Taxes in Transport 30
- Graph 17: Final Consumption in Residential, Services, Agriculture by Energy Source 31
- Graph 18: Upcoming New Capacity by Energy Source 35

List of Tables

Table 1: Economic indicators

- Population, GDP growth
- Imports & exports
- Inflation rate, exchange rate
- Energy security and efficiency indicators
- CO₂ emissions

Table 2: Supply indicators

- Oil & Gas proven reserves
- Electric & refining capacity detailed by source
- Production by energy source
- Power production by source
- External trade by energy source

Table 3: Demand indicators

- Consumption / inhabitant and consumption trends
- Total consumption by energy source
- Final consumption by energy source and by sector
- Electricity consumption by sector

Table 4: Energy Balance

- Total energy balance
- Detailed energy balance by energy source