

September 2025

# United Kingdom





# Table of Contents

Table of Contents	1
List of Graphs & Tables	2
Overview	6
Energy & Climate Policy Framework	8
Energy Companies	23
Energy Supply & Demand	31
Energy Use & Price by Sector	49
Issues & Prospects	61
Statistics, Abbreviations & Glossary	73

## AUTHOR

**Hélène HADJUR**  
*Senior Analyst*

# List of Graphs & Tables

## List of Graphs

- Graph 1: Primary Intensity to GDP 18
- Graph 2: Primary Consumption Trends by Energy Source 32
- Graph 3: Total Consumption Market Share by Energy (2024) 33
- Graph 4: Installed Electric Capacity by Source 35
- Graph 5: Installed Electric Capacity by Source (2024) 36
- Graph 6: Gross Power Production by Source & Consumption 37
- Graph 7: Power Generation by Source (2024) 38
- Graph 8: CO<sub>2</sub> Intensity of Electricity Generation 38
- Graph 9: Crude Oil Production & Consumption 40
- Graph 10: Petroleum Products Production & Consumption 41
- Graph 11: Gas Production & Consumption 43
- Graph 12: Coal Production & Consumption 45
- Graph 13: GHG Emissions and CO<sub>2</sub>-energy Emissions 46
- Graph 14: CO<sub>2</sub>-Emissions per Capita 47
- Graph 15: CO<sub>2</sub> Intensity to GDP 48
- Graph 16: Final Demand Trends by Energy Source 50
- Graph 17: Final Consumption by Sector 51
- Graph 18: Final Consumption Market Share by Sector (2024) 52
- Graph 19: Share of Electricity in Total Final Energy Consumption 53
- Graph 20: Final Consumption in Industry by Energy Source 54
- Graph 21: Energy Prices in Industry (Taxes Included) 55
- Graph 22: Final Consumption in Transport by Energy Source 56

- Graph 23: Energy Prices in Transport (Taxes Included) 57
- Graph 24: Final Consumption in Residential, Services, Agriculture by Energy Source 58
- Graph 25: Energy Prices in Residential (Taxes Included) 60
- Graph 26: Upcoming New Capacity by Energy Source 63

# List of Tables

## Table 1: Economic indicators

- Population, GDP growth
- Imports & exports
- Inflation rate, exchange rate
- Energy security and efficiency indicators
- CO<sub>2</sub> 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