

COUNTRY ENERGY REPORT



CHINA

October 2022



Table of contents



Table of contents	1
List of graphs & tables	2
Overview	4
Institutions and energy policy	6
Energy companies	14
Energy supply	18
Energy prices	24
Energy consumption	28
Issues and prospects	34
Graphs & data files	42
Abbreviations	46
Glossary	48

This country profile was written by Damien CORNELOUP



List of graphs & tables

LIST OF GRAPHS

GRAPH 1:	CO ₂ -energy emissions (MtCO ₂)-----	13
GRAPH 2:	Installed Electric capacity by source (2021, %)-----	19
GRAPH 3:	Gross power production by source (TWh)-----	20
GRAPH 4:	Power generation by source (2021, %)-----	20
GRAPH 5:	Gasoline & diesel prices (US\$/l)-----	24
GRAPH 6:	Electricity prices (US\$/kWh)-----	25
GRAPH 7:	Gas prices for industry and households (US\$/kWh GCV)-----	27
GRAPH 8:	Consumption trends by energy source (Mtoe)-----	28
GRAPH 9:	Total Consumption market share by energy (2021, %)-----	29
GRAPH 10:	Final consumption market share by sector (2021, %)-----	29
GRAPH 11:	Oil consumption (Mt)-----	30
GRAPH 12:	Oil consumption breakdown by sector (2021, %)-----	30
GRAPH 13:	Electricity consumption (TWh)-----	31
GRAPH 14:	Electricity consumption breakdown by sector (2021,%)-----	31
GRAPH 15:	Natural gas consumption (bcm)-----	32
GRAPH 16:	Gas consumption breakdown by sector (2021, %)-----	32
GRAPH 17:	Coal consumption (Mt)-----	33
GRAPH 18:	Coal consumption breakdown by sector (2021, %)-----	33

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

Table 5: Power capacity development status by energy**Table 6: Gas infrastructures and contracts**

- Main gas plant projects
- Main LNG contracts