

# Bulgaria

General data	Unit	2010
Population	million	7.5
GDP	bn €	36.0

Coal resources and reserves	Unit	2010
Resources hard coal (black and brown)	Mt	700
Resources lignite	Mt	3,700
Reserves hard coal (black and brown)	Mt	340
Reserves lignite	Mt	2,660

Primary energy production		
Total primary energy production	Mtce (2009)	13.9
Hard coal (black and brown) (saleable output)	Mt	3.0
Lignite (saleable output)	Mt	27.2

Saleable coal quality		
Hard coal calorific value (black and brown)	kJ/kg	12,140 - 13,400
Lignite calorific value	kJ/kg	5,652 - 7,746
Hard coal ash content (black and brown)	% a.r.	up to 26
Lignite ash content	% a.r.	17 - 45
Hard coal moisture content (black and brown)	% a.r.	up to 16
Lignite moisture content	% a.r.	50 - 60
Hard coal sulphur content (black and brown)	% a.r.	up to 2.7
Lignite sulphur content	% a.r.	2.2 - 2.8

Coal imports/exports		
Hard coal imports (brown and black)	Mt	3.5

Primary energy consumption		
Total primary energy consumption	Mtce (2009)	25.1
Hard coal consumption (black and brown)	Mt	3.1
Lignite consumption	Mt	27.2

Power supply		
Total power generation	TWh	46.0
Power imports/(exports)	TWh	1.2/(9.6)
Total power consumption	TWh	37.5
Power generation from lignite	TWh	14.7
Capacity of lignite and brown coal-fired generation	MW	4,400

Employment		
Direct in lignite and brown coal mining	thousand	12.800