

Turkey

information

General Data	Unit	2006
Population	millions	47.2
GDP	bn €	260.0
Prim. energy consumption (PEC)	Mtce	135.4
CO ₂ -emissions	Mt	221.0

information

Coal and Energy Data	Unit	2006
Resources Hard Coal	Mt	1,039
Resources Lignite	Mt	3,147
Reserves Hard Coal	Mt	860
Reserves Lignite	Mt	534
Domestic Output		
Hard Coal	Mt	3.5
Lignite	Mt	62.0
Total	Mt	65.5
Selected Coal Quality Data		
<i>Calorific Value</i> Hard Coal	kJ/kg	24,000.0
<i>Calorific Value</i> Lignite	kJ/kg	4,564 – 22,316
<i>Ash content</i> Hard Coal	%	n.a.
<i>Ash content</i> Lignite	%	11.0 – 46.0
<i>Water content</i> Hard Coal	%	n.a.
<i>Water content</i> Lignite	%	6.0 – 55.0
<i>Sulphur content</i> Hard Coal	%	n.a.
<i>Sulphur content</i> Lignite	%	0.2 – 4.7
Imports		
Hard Coal	Mt	16.5
Prim. Energy Consumption		
Total	Mtce	135.4
Hard Coal and Lignite	Mtce	41.2
Power Supply		
Generation, total	TWh	176.3
Hard Coal	TWh	13.2
Lignite	TWh	23.4
Net power imports	TWh	– 1.7
Gross power consumption	TWh	143.1
Power Plant Capacity		
Total	MW	40,600
Hard Coal	MW	> 2,000
Lignite	MW	> 7,000

Source: Nat. and internat. statistics and reports, BGR 2003/2007, some data estimated