

Energy INFOcard

United States (2000)

PETROLEUM

Production (crude oil, NGPL)(MMbd)	7.7
Net imports (crude oil & refined products)(MMbd)	10.1
Other sources(refinery gain, alcohols, other)(MMbd)	1.7
Consumption (26% of world total in 1999) (MMbd)	19.5
Share of US oil consumption for transportation	68%
Dependence on foreign oil (net imports/consump.)	52%
Share of US imports from: Persian Gulf 22%, OPEC 46%	
Recoverable resources (yrs of current production)	77
Real world oil price (2000\$/bbl) 1980(peak):\$64 2000:\$28	

NATURAL GAS

Production(dry gas) (2nd in world to Russia) (tcf)	19.3
Consumption (26% of world total in 1999) (tcf)	22.7
Consumers: industrial (<i>incl. nonutility electric generation</i>) 47%, residential 22%, commercial 15%, electric utilities 13%	
Share of consumption from Canadian imports	15%
Recoverable resources (yrs of current production)	66
Real wellhead price (2000\$/Mcf) 1983: \$4.02 2000: \$3.60	

COAL

Production (2nd in world after China) (billion tons)	1.08
Share produced West of the Mississippi	53%
Share produced from surface mining	64%
Exports as percent of production	5%
Electricity generation share of consumption	91%
Productivity: 6.5 tons/miner-hour(1999) vs 1.8 t/m-hr(1979)	
Recoverable reserves (yrs of current production)	250+

ELECTRICITY

Net generation (trillion kilowatthours)	3.79
Coal 52%, Nuclear 20%, Gas 16%, Hydro 7%, Oil 3%, Non-hydro Renewable 2%	
<i>(Electric power industry; includes utilities and non-utilities)</i>	
Sales: residential 35%, commercial 30%, industrial 31%	
Emissions (million tons)	CO ₂ --2503, SO ₂ --13, NO _x --8
(1999)	Coal fired 81% 92% 88%
	Oil & gas fired 19% 7% 11%
	Other 1% 1% 1%

Units:

MMbd = million barrels per day; Mcf = thousand cubic feet
tcf = trillion cubic feet; kWh = kilowatthour; MM = million

Most recent annual data available as of 6/15/2001

Source: Energy Information Administration,
U.S. Department of Energy.

NUCLEAR

Operable generating units	104 in 2000 vs 112 in 1990
Capacity (million kilowatts)	97
Capacity Factor	88% in 2000 vs. 66% in 1990

RENEWABLE ENERGY

Consumption (quadrillion Btu)	6.8
<i>Hydropower 46%, Wood 38%, Waste 8%, Other(ethanol, geothermal, solar, wind) 8%</i>	
Renewable share of total energy consumption	7%

TOTAL ENERGY and EFFICIENCY OF USE

Total Primary Energy Production (quadrillion Btu)	72
<i>Coal 32%, Gas 27, Oil 21, Nuclear 11, Renewable 9%</i>	
Total Consumption (quadrillion Btu)	99
<i>Coal 23%, Gas 24%, Oil 39, Nuclear 8, Renewable 7%</i>	
Energy-use CO ₂ emissions (MM tonnes Carb.)(1999)	1511
<i>industrial 36%, resid.&comm. 37%, transportation 27%</i>	
<i>(Emissions from electric generation (37%) are distributed to end-use)</i>	
Decline in Energy/GDP ratio since 1973	2.0%/yr
Number of households in U.S. (million)(1997)	101
Heated by: Gas 52%, Elect.30, Oil 9,Propane 4,Wood 2%	

World (1999)

Primary energy production (quadrillion Btu)	380
<i>Coal 22%, Gas 23%, Oil 39%, Hydro 7%, Nuclear 7%</i>	
<i>(Non-US dispersed renewables, primarily firewood, are not included)</i>	
World energy consumption (quadrillion Btu)	382
<i>US 25%, China 8%, Russia 7, Japan 6, Germany 4%</i>	
Per capita consumption (selected countries)(million Btu):	
US 356, Russia 177, Japan 172, Germany 170, China 25	
Energy-related CO ₂ emissions (MM tonnes carbon)	6144
<i>US 25%, W.Europe 17%,China 11,Russia 7,Japan 5%</i>	
Crude oil production (million bbls/day)	66
<i>US 9%, OPEC 42%, Persian Gulf 28%</i>	
Electricity generation (trillion kilowatthours)	14.0
<i>US 26%, W.Europe 20%, China 8, Japan 7, Russia 6%</i>	
Nuclear share of electricity (selected countries):	
France 75%, Japan 30%, Germany 30%, UK 27, US 20%	
Share of world nuclear electricity generation (5 largest):	
US 30%, France 16%, Japan 13, Germany 7, Russia 5%	
Retail gasoline price (regular,\$/gal) (selected countries):	
Germany 3.42, Japan 3.27, Australia 1.72, US 1.17	

Btu Equivalents: 1 bbl crude oil: 5.8 million; 1 Mcf gas: 1.03 million;
1 kWh electric: 3.4 thousand; 1 ton coal: ~21 million;

For further information, please contact the National Energy Information Center (202-586-8800 or infoctr@eia.doe.gov) or visit our Web site: www.eia.doe.gov