



Pakistan Energy Yearbook 2009



Ministry of Petroleum & Natural Resources
Hydrocarbon Development Institute of Pakistan

Table: 1.1

PRIMARY ENERGY SUPPLIES BY SOURCE							
Source	Unit: TOE						ACGR
	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	
Oil ^{1/}	15,221,024 29.9%	16,329,979 29.4%	16,411,834 28.3%	18,188,280 30.0%	19,206,441 30.5%	20,103,060 32.1%	5.7%
Gas	25,254,481 49.7%	27,953,380 50.3%	29,169,971 50.3%	29,304,612 48.4%	29,863,194 47.5%	30,241,540 48.3%	3.7%
LPG ^{2/}	205,526 0.4%	251,789 0.5%	400,430 0.7%	470,998 0.8%	418,952 0.7%	401,705 0.6%	14.3%
Coal	3,300,491 6.5%	4,227,842 7.6%	4,049,654 7.0%	4,426,678 7.3%	5,783,844 9.2%	4,732,823 7.6%	7.5%
Hydro Electricity ^{3/}	6,431,312 12.6%	6,127,429 11.0%	7,366,452 12.7%	7,626,755 12.6%	6,851,955 10.9%	6,631,841 10.6%	0.6%
Nuclear Electricity ^{3/}	420,135 0.8%	667,234 1.2%	592,887 1.0%	546,159 0.9%	734,537 1.2%	386,165 0.6%	-1.7%
Imported Electricity ^{4/}	17,418 0.0%	26,050 0.0%	34,775 0.1%	40,781 0.1%	47,550 0.1%	54,266 0.1%	25.5%
TOTAL:	50,850,387 100.0%	55,583,703 100.0%	58,026,004 100.0%	60,604,262 100.0%	62,906,473 100.0%	62,551,399 100.0%	4.2%
Annual growth rate	8.06%	9.31%	4.39%	4.44%	3.80%	-0.56%	

1/ Excluding petroleum products exports and bunkering.

14.12%

2/ Include imports and production from field plants.

3/ Converted @ 10,000 Btu/kWh to represent primary energy equivalent of hydro and nuclear electricity as if this was generated by using fossil fuel

4/ WAPDA imported electricity from Iran since Oct-2002.

Table: 1.2

FINAL ENERGY CONSUMPTION BY SOURCE							
Source	Unit: TOE						ACGR
	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	
Oil ^{1/}	11,145,365 38.5%	11,710,920 36.5%	10,877,601 32.0%	10,575,330 29.4%	11,528,722 29.3%	10,842,614 29.0%	-0.5%
Gas ^{2/}	10,067,245 34.7%	11,637,566 36.2%	13,325,251 39.3%	14,701,024 40.8%	15,881,990 40.3%	16,307,898 43.7%	10.1%
Coal ^{2/}	2,703,906 9.3%	3,310,512 10.3%	3,611,490 10.6%	4,149,041 11.5%	5,404,715 13.7%	3,893,001 10.4%	7.6%
Electricity ^{3/}	4,682,063 16.2%	4,994,560 15.6%	5,505,555 16.2%	5,921,635 16.4%	5,977,697 15.2%	5,731,032 15.3%	4.1%
LPG	380,370 1.3%	450,379 1.4%	625,792 1.8%	658,225 1.8%	619,944 1.6%	569,995 1.5%	8.4%
TOTAL:	28,978,949	32,103,936	33,945,689	36,005,255	39,413,069	37,344,540	5.2%
Annual growth rate	10.15%	10.78%	5.74%	6.07%	9.46%	-5.25%	

1/ Excluding consumption for power generation.

2/ Excluding consumption for power generation and feedstock.

3/ @ 3412 Btu/kWh being the actual energy content of electricity.
to Tables 1.5.3 and 1.7)

Table: 1.5

ENERGY CONSUMPTION BY SECTOR

Unit: TOE

Sector	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	ACGR
Domestic	6,278,918	6,812,535	7,054,587	7,605,145	8,046,294	8,092,132	5.2%
Commercial	927,633	1,080,235	1,247,992	1,377,247	1,455,527	1,459,817	9.5%
Industrial	11,098,642	12,759,957	14,654,360	15,792,049	16,804,303	14,845,670	6.0%
Agriculture	734,202	717,151	732,699	767,266	803,837	789,008	1.5%
Transport	9,281,160	10,071,427	9,493,667	9,721,183	11,567,394	11,371,869	4.1%
Other Govt.	658,393	662,631	762,384	742,364	735,712	786,045	3.6%
Total:	28,978,949	32,103,936	33,945,689	36,005,255	39,413,069	37,344,540	5.2%