

## 8. ENERGY AND MINING

### 8.1 Quantum Indices of Electricity and Mining

Year	Quantum Index (1999-2000=100)	
	Electricity Generation	Mining Production
2001-02	108.8	112.5
2002-03	113.7	119.7
2003-04	117.6	134.6
2004-05	128.7	148.9

### 8.2 Installed Capacity and Electricity Generation

Year	Installed Capacity MW			Electricity Generation Gwh		
	Hydel	Thermal	Nuclear	Hydel	Thermal	Nuclear
2000-01	5008	12302	462	17258	49187	1997
2001-02	5039	12537	462	18941	51174	2290
2002-03	5046	12450	462	22351	51591	1740
2003-04	6491	12299	462	26844	50445	1760
2004-05(P)	6497	12423	462	25588	57219	2830

Source: WAPDA, KESC, Ministry of Water & Power

### 8.3 Electricity Consumption

Sector	(Gwh)		
	2002-03	2003-04	2004-05(P)
<b>Total</b>	<b>52656</b>	<b>57490</b>	<b>61549</b>
Domestic	23624	25846	27598
Commercial	3218	3689	4080
Industry	16181	17366	18591
Agriculture	6016	6669	6988
Street Light	244	262	305
Bulk Supplies	3373	3658	3924
Other	--	--	63

Source: Hydrocarbon Development Institute of Pakistan

## 8.4 Production of Selected Minerals

Items	(Tonnes)		
	2002-03	2003-04	2004-05
Barytes	40,745	44,207	42,087
Bauxite	4,098	4,847	6,504
Celestite	402	570	1,855
China-Clay	39,575	25,204	37,732
Chromite	30,657	28,528	86,359
Coal	3,609,338	3,300,066	3,367,021
Fire-Clay	116,515	192,728	253,501
Fluorite	1,305	1,166	1,060
Fuller's Earth	14,723	13,986	17,001
Gypsum	424,107	467,065	552,496
Lime Stone	11,880,275	13,150,127	14,857,479
Marble	1,142,113	966,298	1,280,304
Magnesite	2,645	6,074	3,029
Ochres	6,733	7,861	18,686
Rock Salt	1,426,067	1,639,516	1,648,223
Silica Sand	185,415	259,009	308,901
Soap Stone	65,797	52,483	20,564
Sulphur	19,401	23,873	24,158
Crude Oil (000 Barrels)	23,458	22,625	24,190
Natural Gas (MMCF)	992,589	1,202,752	1,344,933

Source: i) Provincial Mines & Mineral Departments

ii) Directorate General of Petroleum Concession, Ministry of Petroleum and Natural Resources, Islamabad, (Crude oil & Natural Gas only.)

## 8.5 Growth in Production of Selected Minerals

Items	Growth (%)	
	2003-04	2004-05
Coal	-8.6	2.0
Crude Oil	-3.6	6.9
Natural Gas	21.2	11.8
Lime Stone	10.7	13.0
Rock Salt	14.9	0.5
China Clay	-36.3	49.7
Gypsum	10.1	18.3
Silica Sand	39.7	19.3
Chromite	-6.9	202.7
Quantum Index	8.8	16.1

