

**SECTION 5 :**  
**AVAILABILITY**



**Table 5.1 : Availability of Primary Sources of Conventional Energy in India**

Year	Coal (*000 Tonnes)	Lignite (*000 Tonnes)	Crude Petroleum (*000 Tonnes)	Natural Gas (Million Cubic Metres)	Electricity Hydro & Nuclear (GWh)
1	2		3	4	5
1970-71	71,240	-	18,505	647	27,666
1971-72	74,070	-	20,250	718	29,214
1972-73	78,210	-	19,405	771	28,329
1973-74	77,680	-	21,044	762	31,368
1974-75	85,600	-	21,700	951	30,081
1975-76	92,170	-	22,072	1,124	35,928
1976-77	100,100	-	22,946	1,381	38,088
1977-78	103,840	-	25,270	1,464	40,279
1978-79	100,160	-	26,290	1,711	49,929
1979-80	105,540	-	27,887	1,676	48,354
1980-81	109,320	-	26,755	1,522	49,543
1981-82	121,020	-	30,654	2,222	52,586
1982-83	130,138	-	33,460	2,957	50,396
1983-84	139,302	-	36,465	3,401	53,500
1984-85	141,458	-	36,154	4,141	58,023
1985-86	155,536	-	44,784	4,950	56,003
1986-87	166,846	-	45,956	7,075	58,862
1987-88	180,645	-	48,091	7,968	52,479
1988-89	193,970	-	49,855	9,250	63,690
1989-90	209,481	-	53,577	11,172	66,741
1990-91	214,987	-	53,720	12,765	77,782
1991-92	232,338	-	54,340	14,441	78,282
1992-93	245,255	-	56,197	16,116	76,595
1993-94	256,327	-	57,848	16,340	75,861
1994-95	269,180	-	59,588	17,337	88,360
1995-96	284,043	-	62,509	20,932	80,561
1996-97	298,621	-	66,806	21,324	77,972
1997-98	306,824	-	68,351	24,545	84,665
1998-99	310,738	23275	72,530	25,706	94,846
1999-00	315,047	22034	89,754	26,885	94,005
2000-01	325,448	24588	106,523	27,860	91,264
2001-02	343,124	24569	110,738	28,037	93,054
2002-03	361,745	26029	115,033	29,964	83,404
2003-04	379,405	28477	123,807	30,906	93,022
2004-05	404,691	30087	129,842	30,775	101,621
2005-06	432,271	30239	131,599	31,325	118,818
2006-07	462,353	30808	145,490	30,791	132,304
2007-08(P)	502,818	34654	155,790	31,478	137,344

GWh = Giga Watt hour =  $10^6$  x Kilo Watt hour

\* Thermal electricity is not a primary source of energy

Sources: 1. Office of Coal Controller, Ministry of Coal  
 2. Ministry of Petroleum & Natural Gas.  
 3. Central Electricity Authority.

**Table 5.2 : Availability of Raw Coal for Consumption in India**

('000 tonnes)

Year	Production (Coking + Non- coking)	Changes in Stock at Pit-heads (Closing - Opening)	Change in Industrial Stock	Imports	Exports	Availability for Consumption
1	2	3	4	5	6	7=2-3+4+5-6
1970-71	72,950	2,480	1,240	-	470	71,240
1971-72	72,420	(1,710)	170	-	230	74,070
1972-73	77,220	(1,630)	(180)	-	460	78,210
1973-74	78,170	430	560	-	620	77,680
1974-75	88,410	920	(1,350)	-	540	85,600
1975-76	99,630	4,280	(2,740)	-	440	92,170
1976-77	100,990	2,670	2,420	-	640	100,100
1977-78	100,980	(2,320)	1,200	-	660	103,840
1978-79	101,950	2,550	810	220	270	100,160
1979-80	103,940	(710)	40	940	90	105,540
1980-81	113,910	4,250	(780)	550	110	109,320
1981-82	124,930	2,790	(1,610)	650	160	121,020
1982-83	130,598	1,370	(320)	1,380	150	130,138
1983-84	140,242	440	(880)	460	80	139,302
1984-85	147,438	7,330	900	580	130	141,458
1985-86	154,296	(1,250)	(1,830)	2,030	210	155,536
1986-87	165,686	(110)	(890)	2,100	160	166,846
1987-88	181,285	4,990	1,550	2,970	170	180,645
1988-89	196,230	4,350	(1,410)	3,700	200	193,970
1989-90	203,361	(570)	1,300	4,410	160	209,481
1990-91	214,057	4,830	960	4,900	100	214,987
1991-92	232,818	6,060	(230)	5,920	110	232,338
1992-93	241,995	2,860	-	6,250	130	245,255
1993-94	248,687	(640)	-	7,100	100	256,327
1994-95	257,770	(3,260)	-	8,270	120	269,180
1995-96	273,415	(1,847)	-	8,870	89	284,043
1996-97	286,080	(3,628)	(3,784)	13,177	480	298,621
1997-98	297,169	(558)	(6,831)	16,469	541	306,824
1998-99	292,270	1,369	4,088	16,536	787	310,738
1999-00	300,043	3,540	-	19,700	1,156	315,047
2000-01	313,696	7,886	-	20,930	1,292	325,448
2001-02	327,787	3,308	-	20,548	1,903	343,124
2002-03	341,272	1,270	-	23,260	1,517	361,745
2003-04	361,246	1,897	-	21,683	1,627	379,405
2004-05	382,615	2,678	-	26,128	1,374	404,691
2005-06	407,013	10,282	-	36,869	1,329	432,271
2006-07	430,832	10,014	-	43,081	1,546	462,353
2007-08(P)	457,082	2,431	-	49,794	1,627	502,818

Note: Figures in brackets are in negative.

Source : Office of the Coal Controller, Ministry of Coal

**Table 5.3 : Availability of Lignite for Consumption in India**

( '000 tonnes)

Year	Production	Changes in Stock at Pit-heads (Closing - Opening)	Change in Industrial Stock	Imports	Exports	Availability for Consumption
1	2	3	4	5	6	7=2-3+4+5-6
1998-99	23419	144	-	-	-	23275
1999-00	22475	441	-	-	-	22034
			-	-	-	
2000-01	24247	(341)	-	-	-	24588
2001-02	24813	0	-	-	-	24813
2002-03	26018	(11)	-	-	-	26029
2003-04	27958	(519)	-	-	-	28477
2004-05	30411	324	-	-	-	30087
			-	-	-	
2005-06	30228	(11)	-	-	-	30239
2006-07	31285	477	-	-	-	30808
2007-08(P)	33980	(674)	-	-	-	34654

Note: Figures in brackets are in negative.

Source : Office of the Coal Controller, Ministry of Coal

**Table 5.4 : Availability of Crude Oil and Petroleum Products in India**

('000 tonnes)

Year	Crude Oil			Petroleum Products		
	Production	Net Imports	Gross Availability	Production @	Net Imports	Gross Availability
1	2	3	4=2+3	5	6	7=5+6
1970-71	6,822	11,683	18,505	17,110	752	17,862
1971-72	7,299	12,951	20,250	18,639	2,011	20,650
1972-73	7,321	12,084	19,405	17,830	3,399	21,229
1973-74	7,189	13,855	21,044	19,495	3,387	22,882
1974-75	7,684	14,016	21,700	19,603	2,473	22,076
1975-76	8,448	13,624	22,072	20,829	2,048	22,877
1976-77	8,898	14,048	22,946	21,432	2,550	23,982
1977-78	10,763	14,507	25,270	23,219	2,832	26,051
1978-79	11,633	14,657	26,290	24,193	3,834	28,027
1979-80	11,766	16,121	27,887	25,794	4,636	30,430
1980-81	10,507	16,248	26,755	24,123	7,253	31,376
1981-82	16,194	14,460	30,654	28,182	4,829	33,011
1982-83	21,063	12,397	33,460	31,073	4,233	35,306
1983-84	26,020	10,445	36,465	32,926	2,856	35,782
1984-85	28,990	7,164	36,154	33,236	5,159	38,395
1985-86	30,168	14,616	44,784	39,881	1,902	41,783
1986-87	30,480	15,476	45,956	42,761	556	43,317
1987-88	30,357	17,734	48,091	44,728	739	45,467
1988-89	32,040	17,815	49,855	45,699	4,200	49,899
1989-90	34,087	19,490	53,577	48,690	3,971	52,661
1990-91	33,021	20,699	53,720	48,562	6,012	54,574
1991-92	30,346	23,994	54,340	48,349	6,509	54,858
1992-93	26,950	29,247	56,197	50,359	7,564	57,923
1993-94	27,026	30,822	57,848	51,084	8,042	59,126
1994-95	32,239	27,349	59,588	52,927	10,697	63,624
1995-96	35,167	27,342	62,509	55,081	16,900	71,981
1996-97	32,900	33,906	66,806	59,005	17,103	76,108
1997-98	33,858	34,493	68,351	61,308	20,589	81,897
1998-99	32,722	39,808	72,530	64,544	23,052	87,596
1999-00	31,949	57,805	89,754	79,411	15,862	95,273
2000-01	32,426	74,097	106,523	95,614	902	96,516
2001-02	32,032	78,706	110,738	100,004	(3,056)	96,948
2002-03	33,044	81,989	115,033	104,140	(3,061)	101,079
2003-04	33,373	90,434	123,807	113,463	(6,619)	106,844
2003-04	33,981	95,861	129,842	118,579	(9,383)	109,196
2005-06	32,190	99,409	131,599	119,750	(10,021)	109,729
2006-07	33,988	111,502	145,490	135,260	(15,964)	119,296
2007-08(P)	34,118	121,672	155,790	144,930	(16,611)	128,319

@ Excludes LPG Production from Natural Gas

Source : Ministry of Petroleum & Natural Gas.