

SECTION 6 :
CONSUMPTION

Table 6.1: Consumption of Conventional Sources of Energy in India

Year	Coal	Lignite	Crude Petroleum**	Natural Gas (Million Cubic Metres)	Electricity* (GWh)
	('000 Tonnes)				
1	2	3	4	5	6
1970-71	71,230	3,390	18,379	647	43,724
1971-72	74,060	3,730	20,042	718	47,073
1972-73	78,180	2,890	19,328	771	49,088
1973-74	77,660	3,320	20,958	762	50,246
1974-75	85,580	2,940	21,094	951	52,632
1975-76	92,160	3,030	22,283	1,126	60,246
1976-77	100,100	4,010	22,995	1,381	66,639
1977-78	103,780	3,590	24,898	1,464	69,255
1978-79	100,150	3,270	25,974	1,711	77,293
1979-80	105,530	3,050	27,474	1,681	78,084
1980-81	109,310	5,100	25,836	1,522	82,367
1981-82	121,010	6,310	30,146	2,222	90,245
1982-83	130,130	6,980	33,156	2,957	95,589
1983-84	137,290	7,245	35,263	3,401	102,344
1984-85	141,450	7,839	35,556	4,141	114,068
1985-86	155,530	7,675	42,910	4,950	123,099
1986-87	166,840	8,027	45,699	7,075	135,952
1987-88	179,209	8,103	47,754	7,968	145,613
1988-89	192,115	8,542	48,803	9,250	160,196
1989-90	203,424	10,159	51,942	11,172	175,419
1990-91	213,360	14,200	51,772	12,766	190,357
1991-92	232,330	15,881	51,423	14,442	207,645
1992-93	241,750	15,726	53,482	16,116	220,674
1993-94	256,320	17,889	54,296	16,340	238,569
1994-95	269,174	20,090	56,534	17,337	259,629
1995-96	284,037	22,296	58,741	18,091	277,029
1996-97	298,620	22,402	62,870	18,632	280,146
1997-98	306,824	22,980	65,166	21,513	296,749
1998-99	313,476	23,367	68,538	22,489	309,734
1999-00	315,047	21,804	85,964	26,885	312,841
2000-01	339,306	24,824	103,444	27,860	316,600
2001-02	349,584	24,578	107,274	28,037	322,459
2002-03	361,833	26,010	112,559	29,964	339,598
2003-04	379,283	28,486	121,841	30,906	360,937
2004-05	407,411	30,087	127,117	30,775	386,134
2005-06	433,257	30,339	130,109	31,025	411,887
2006-07	462,318	30,797	146,551	31,368	455,748
2007-08(P)	502,660	34,657	156,103	34,328	500,774

GWh = Giga Watt hour = 10⁶ x Kilo Watt hour

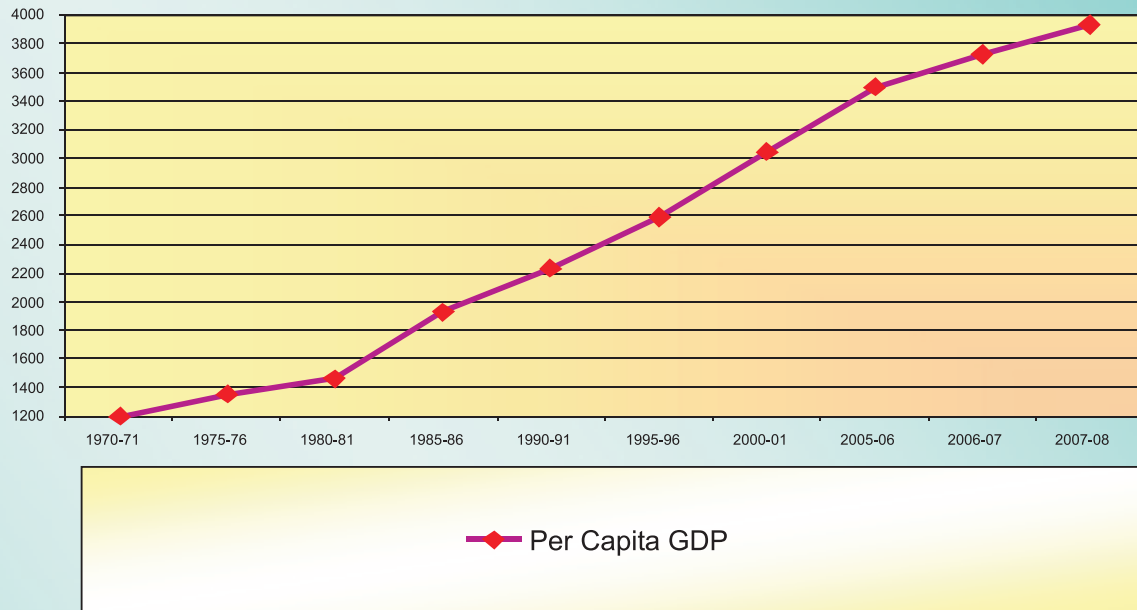
* Includes thermal, hydro & nuclear electricity from utilities.

** Crude oil in terms of refinery crude throughput.

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

PER CAPITA ENERGY CONSUMPTION

(KWH)



ENERGY CONSUMPTION PER RUPEE OF GDP

(KWH)

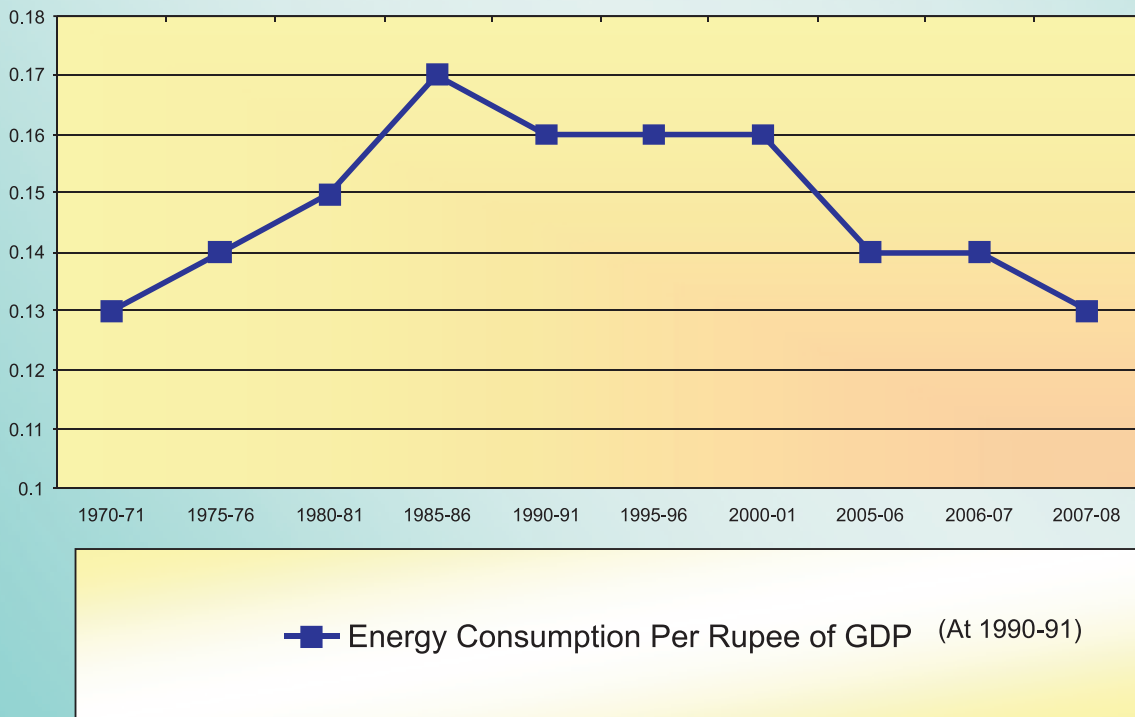


Exhibit (Table 6.2)

Table 6.2 : Growth in Energy Consumption Rate, Per Capita and Per Unit of GDP

Year	Energy Consumption in billion KWH	Mid year population in '000 numbers	GDP (Rs. crore)	Energy Consumption in KWH*	
				Per Capita	Per Rupee of GDP (1999-2000 prices)
1970-71	663.99	551,311	517148	1204.39	0.13
1971-72	703.05	563,910	525584	1246.74	0.13
1972-73	716.97	576,798	522698	1243.02	0.14
1973-74	735.90	589,990	540045	1247.31	0.14
1974-75	790.31	603,462	546443	1309.62	0.14
1975-76	840.53	617,248	596428	1361.74	0.14
1976-77	901.71	631,304	606301	1428.33	0.15
1977-78	953.56	645,663	650311	1476.87	0.15
1978-79	956.32	660,276	687435	1448.37	0.14
1979-80	1004.23	675,156	651430	1487.40	0.15
1980-81	1012.58	688320	695361	1471.09	0.15
1981-82	1136.48	708,987	737078	1602.96	0.15
1982-83	1193.46	724,145	762622	1648.10	0.16
1983-84	1287.13	739,414	818288	1740.74	0.16
1984-85	1293.77	754,680	849573	1714.33	0.15
1985-86	1477.50	766,135	894041	1928.51	0.17
1986-87	1578.37	781,374	936671	2019.99	0.17
1987-88	1681.58	800496	973739	2100.67	0.17
1988-89	1799.64	817,488	1067582	2201.43	0.17
1989-90	1951.08	834,697	1131111	2337.47	0.17
1990-91	1902.75	852297	1193650	2232.50	0.16
1991-92	2014.23	867818	1206346	2321.03	0.17
1992-93	2115.97	883910	1272457	2393.87	0.17
1993-94	2191.61	903943	1333123	2424.50	0.16
1994-95	2298.60	921989	1421831	2493.09	0.16
1995-96	2436.77	939540	1529453	2593.58	0.16
1996-97	2560.47	955220	1645037	2680.51	0.16
1997-98	2597.97	970933	1711735	2675.74	0.15
1998-99	2687.74	986611	1817752	2724.22	0.15
1999-00	2920.29	1002142	1952036	2914.04	0.15
2000-01	3154.28	1034931	2030710	3047.81	0.16
2001-02	3288.91	1051258	2136651	3128.55	0.15
2002-03	3418.00	1068065	2217134	3200.18	0.15
2003-04	3622.62	1084757	2402727	3339.57	0.15
2004-05	3807.12	1101318	2602065	3456.88	0.15
2005-06	3909.37	1117734	2844942	3497.59	0.14
2006-07	4226.78	1134023	3120029	3727.24	0.14
2007-08(P)	4508.26	1,147,677	3402716	3928.16	0.13

* Estimated value based on sourcewise availability of Coal, Crude Petroleum, Natural Gas and electricity (Hydro & Nuclear) as given in table 5.1 and by applying fuel specific conversion factors as given in annex II

INDUSTRYWISE CONSUMPTION OF RAW COAL IN INDIA

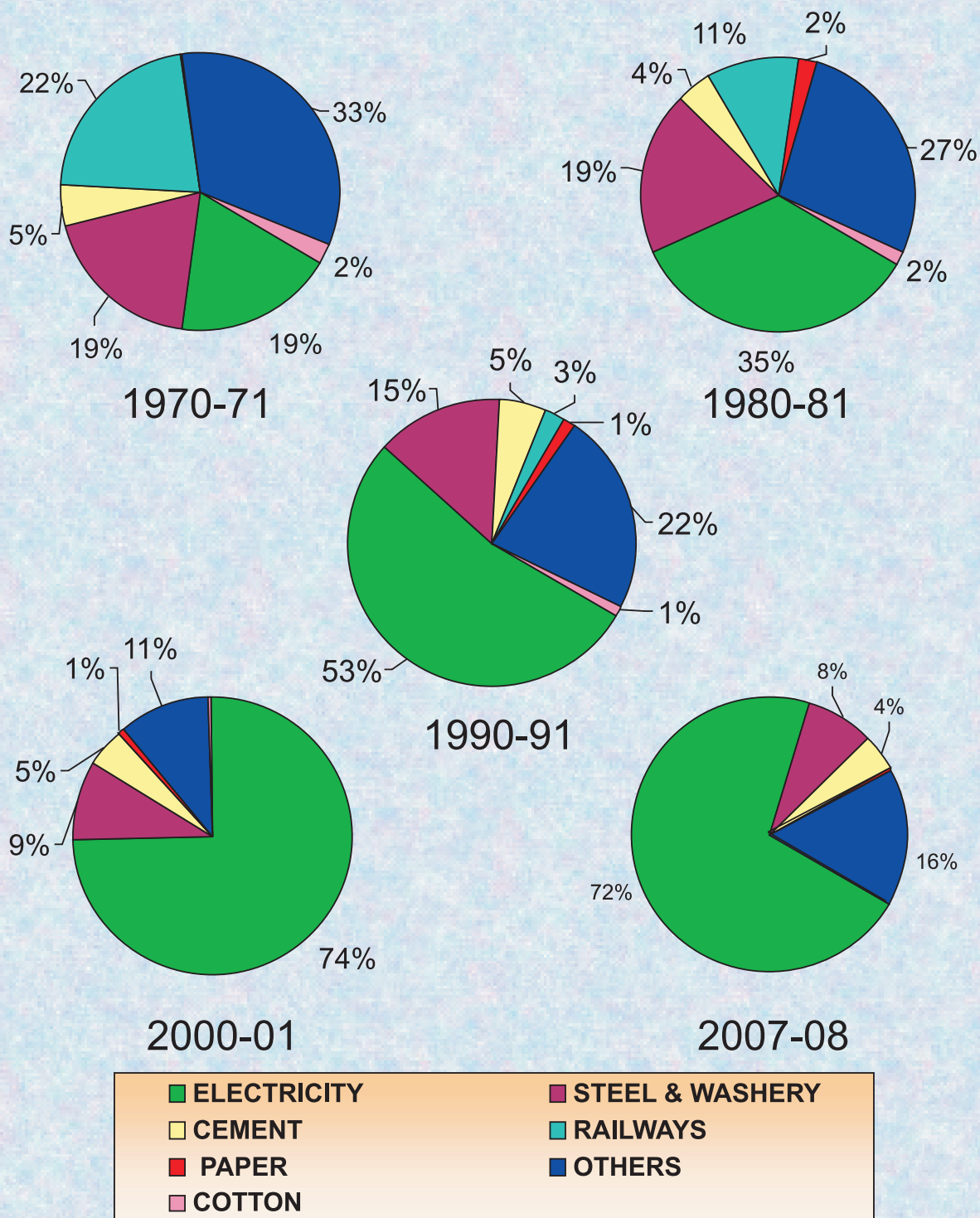


Exhibit (Table 6.3)

Table 6.3 : Industrywise Consumption of Raw Coal in India

('000 tonnes)

Year	Electricity	Steel & Washery	Cement	Railways	Paper	Cotton @	Others *	Total
1	2	3	4	5	6	7	8	9=2 to 8
1970-71	13,210	13,530	3,520	15,580	270	1,450	23,670	71,230
1971-72	14,580	13,490	3,360	15,920	1,100	1,640	23,970	74,060
1972-73	16,650	13,550	3,700	15,320	1,140	1,830	25,990	78,180
1973-74	16,640	13,780	3,650	13,920	1,000	1,780	26,890	77,660
1974-75	20,300	15,920	4,360	14,140	1,400	2,040	27,420	85,580
1975-76	23,040	18,880	4,440	14,300	1,260	2,230	28,010	92,160
1976-77	26,850	20,340	4,970	13,170	1,750	2,500	30,520	100,100
1977-78	25,650	21,540	4,730	12,930	1,880	2,500	34,550	103,780
1978-79	24,800	20,260	4,880	12,130	1,720	2,340	34,020	100,150
1979-80	30,030	19,850	3,870	11,360	1,540	1,990	36,890	105,530
1980-81	38,150	21,010	4,750	11,810	2,140	1,970	29,480	109,310
1981-82	44,420	22,010	5,720	11,260	2,460	2,370	32,770	121,010
1982-83	49,520	22,820	6,100	10,950	2,500	2,940	35,300	130,130
1983-84	55,830	24,890	7,320	10,700	2,570	2,560	33,420	137,290
1984-85	57,660	25,000	7,290	9,460	2,830	2,570	36,640	141,450
1985-86	68,640	24,820	8,040	9,610	2,660	2,360	39,400	155,530
1986-87	78,580	24,220	8,850	8,120	2,650	2,440	41,980	166,840
1987-88	91,810	26,670	8,770	7,550	2,820	2,540	39,049	179,209
1988-89	97,220	29,770	9,270	6,740	3,290	2,970	42,855	192,115
1989-90	108,320	30,610	9,530	5,800	2,900	2,700	43,564	203,424
1990-91	113,710	30,910	10,430	5,240	2,810	2,580	47,680	213,360
1991-92	126,840	34,030	10,800	5,060	2,670	1,960	50,970	232,330
1992-93	138,570	37,120	11,700	4,340	2,560	1,900	45,560	241,750
1993-94	154,410	37,630	11,070	2,000	2,900	1,810	46,500	256,320
1994-95	160,850	38,550	12,360	670	3,170	1,750	51,824	269,174
1995-96	184,490	39,084	11,062	270	3,215	1,184	44,732	284,037
1996-97	199,620	39,760	10,080	140	3,510	1,311	44,199	298,620
1997-98	205,530	39,800	10,080	60	3,430	1,360	46,564	306,824
1998-99	216,285	33,893	14,114	-	3,458	4,472	41,254	313,476
1999-00	236,273	22,709	9,506	-	2,838	990	42,731	315,047
2000-01	252,942	30,728	15,328	-	2,711	1,035	36,562	339,306
2001-02	265,191	30,036	14,847	-	2,775	936	35,799	349,584
2002-03	267,900	30,603	16,359	-	2,788	721	43,462	361,833
2003-04	279,956	29,671	16,634	-	2,513	522	49,987	379,283
2004-05	305,348	34,433	18,097	-	2,612	464	46,457	407,411
2005-06	316,486	32,416	18,080	-	2,773	288	63,214	433,257
2006-07	331,578	34,900	19,669	-	2,617	303	73,251	462,318
2007-08(P)	360,735	39,017	21,351	-	2,642	366	78,549	502,660

* Includes jute, bricks, coal for soft coke, colliery, fertilisers & other industries consumption.

@ From 1996-97 and onwards Cotton includes 'Rayon' also.

Source : Office of the Coal Controller, Ministry of Coal

Table 6.4 : Industrywise Consumption of Lignite in India

('000 tonnes)

Year	Electricity	Steel & Washery	Cement	Railways	Paper	Cotton @	Others *	Total
1	2	3	4	5	6	7	8	9=2 to 8
1970-71	-	-	-	-	-	-	-	3,390
1971-72	-	-	-	-	-	-	-	3,730
1972-73	-	-	-	-	-	-	-	2,890
1973-74	-	-	-	-	-	-	-	3,320
1974-75	-	-	-	-	-	-	-	2,940
1975-76	-	-	-	-	-	-	-	3,030
1976-77	-	-	-	-	-	-	-	4,010
1977-78	-	-	-	-	-	-	-	3,590
1978-79	-	-	-	-	-	-	-	3,270
1979-80	-	-	-	-	-	-	-	3,050
1980-81	-	-	-	-	-	-	-	5,100
1981-82	-	-	-	-	-	-	-	6,310
1982-83	-	-	-	-	-	-	-	6,980
1983-84	-	-	-	-	-	-	-	7,245
1984-85	-	-	-	-	-	-	-	7,839
1985-86	-	-	-	-	-	-	-	7,675
1986-87	-	-	-	-	-	-	-	8,027
1987-88	-	-	-	-	-	-	-	8,103
1988-89	-	-	-	-	-	-	-	8,542
1989-90	-	-	-	-	-	-	-	10,159
1990-91	-	-	-	-	-	-	-	14,200
1991-92	-	-	-	-	-	-	-	15,881
1992-93	-	-	-	-	-	-	-	15,726
1993-94	-	-	-	-	-	-	-	17,889
1994-95	-	-	-	-	-	-	-	20,090
1995-96	-	-	-	-	-	-	-	22,296
1996-97	-	-	-	-	-	-	-	22,402
1997-98	-	-	-	-	-	-	-	22,980
1998-99	-	-	-	-	-	-	-	23,367
1999-00	-	-	-	-	-	-	-	21,804
2000-01	19,763	-	91	-	161	1,396	3,413	24,824
2001-02	19,990	-	153	-	359	1,360	2,716	24,578
2002-03	21,156	-	398	-	215	1,249	2,992	26,010
2003-04	23,506	-	658	-	831	633	2,858	28,486
2004-05	23,745	-	817	-	266	1,438	3,821	30,087
2005-06	23,355	-	790	-	225	1,107	4,862	30,339
2006-07	23,920	-	765	-	215	840	5,057	30,797
2007-08(P)	26,756	-	956	-	346	768	5,831	34,657

* Includes jute, bricks, coal for soft coke, colliery, fertilisers & other industries consumption.

@ From 1996-97 and onwards Cotton includes 'Rayon' also.

Note: Despatches/ consumption data for the period 1970-1982 are not readily available, hence estimated by production data as it is observed, approximately for lignite, production= despatch= consumption.

Source : Office of the Coal Controller, Ministry of Coal

Table 6.5 : Consumption of Petroleum Products in India

('000 tonnes)

Year	Light Distillates			Middle Distillates			
	Liquified Petroleum Gas	Petrol	Naphtha	Kerosene	Aviation Turbine Fuel	High Speed Diesel Oil	Light Diesel Oil
1	2	3	4	5	6	7	8
1970-71	176	1,453	904	3,283	689	3,837	1,092
1971-72	212	1,527	1,164	3,517	758	4,340	1,200
1972-73	244	1,592	1,297	3,516	816	4,770	1,436
1973-74	269	1,507	1,534	3,294	778	5,404	1,278
1974-75	289	1,264	1,713	2,828	836	6,950	1,070
1975-76	336	1,275	1,836	3,104	897	6,595	878
1976-77	368	1,316	2,196	3,322	956	7,106	1,082
1977-78	391	1,391	2,290	3,634	1,041	7,736	1,164
1978-79	408	1,499	2,515	3,952	1,154	8,638	1,216
1979-80	410	1,490	2,413	3,872	1,144	9,801	1,266
1980-81	405	1,522	2,325	4,228	1,125	10,345	1,122
1981-82	492	1,599	2,963	4,693	1,128	10,832	1,036
1982-83	601	1,722	2,958	5,214	1,145	12,013	1,067
1983-84	746	1,891	2,804	5,524	1,208	12,600	1,097
1984-85	953	2,084	3,125	5,959	1,336	13,696	1,198
1985-86	1,241	2,275	3,106	6,229	1,453	14,886	1,123
1986-87	1,497	2,505	3,249	6,645	1,603	16,009	1,156
1987-88	1,686	2,810	2,852	7,231	1,654	17,657	1,245
1988-89	1,962	3,052	3,364	7,731	1,713	18,795	1,437
1989-90	2,268	3,491	3,350	8,239	1,775	20,706	1,486
1990-91	2,415	3,545	3,446	8,423	1,677	21,139	1,506
1991-92	2,650	3,573	3,461	8,377	1,559	22,680	1,462
1992-93	2,866	3,595	3,382	8,478	1,565	24,293	1,407
1993-94	3,113	3,834	3,191	8,704	1,741	25,872	1,370
1994-95	3,434	4,141	3,400	8,964	1,903	28,261	1,369
1995-96	3,922	4,679	4,154	9,932	2,082	32,261	1,311
1996-97	4,267	4,955	4,030	10,153	2,154	35,019	1,223
1997-98	4,803	5,182	6,590	11,065	2,108	36,071	1,235
1998-99	5,352	5,507	8,891	12,243	2,112	37,217	1,278
1999-00	6,421	5,909	10,801	11,898	2,197	39,295	1,512
2000-01	7,016	6,613	11,673	11,307	2,249	37,958	1,399
2001-02	7,728	7,011	11,728	10,432	2,256	36,546	1,592
2002-03	8,351	7,570	11,929	10,405	2,269	36,644	2,063
2003-04	9,305	7,897	11,860	10,230	2,484	37,074	1,619
2004-05	10,245	8,251	13,993	9,395	2,811	39,651	1,476
2005-06	10,456	8,647	12,194	9,541	3,296	40,191	883
2006-07	10,849	9,285	13,886	9,505	3,983	42,896	720
2007-08(P)	12,165	10,332	13,294	9,365	4,543	47,669	667

...Contd

Source : Ministry of Petroleum & Natural Gas.

Table 6.5 (Contd.) : Consumption of Petroleum Products in India

('000 tonnes)

Year	Heavy Ends				Refinery Fuel	Others*	Total
	Fuel Oil	Lubricants	Bitumen	Petroleum Coke			
1	9	10	11	12	13	14	15 = 2 to 14
1970-71	4,664	545	777	107	1,223	385	19,135
1971-72	5,142	362	1,011	188	1,228	650	21,299
1972-73	5,661	609	1,109	141	1,262	525	22,978
1973-74	5,912	612	1,066	139	1,229	552	23,574
1974-75	5,729	475	399	89	1,197	463	23,302
1975-76	5,781	441	690	151	1,226	463	23,673
1976-77	5,733	454	882	175	1,299	511	25,400
1977-78	5,839	478	908	146	1,451	521	26,990
1978-79	6,668	544	943	155	1,478	549	29,719
1979-80	7,081	566	1,069	185	1,440	586	31,323
1980-81	7,473	593	1,064	137	1,365	557	32,261
1981-82	7,184	592	1,292	174	1,584	538	34,107
1982-83	7,301	605	1,379	103	1,738	549	36,395
1983-84	7,558	617	1,050	114	1,935	632	37,776
1984-85	7,944	664	935	234	2,033	667	40,828
1985-86	7,900	700	1,126	163	2,491	670	43,363
1986-87	8,047	755	1,309	208	2,612	679	46,274
1987-88	8,144	791	1,379	246	2,522	721	48,938
1988-89	8,456	847	1,498	316	2,790	921	52,882
1989-90	8,820	926	1,695	383	2,684	956	56,779
1990-91	8,986	892	1,581	290	2,710	1,135	57,745
1991-92	9,202	932	1,706	266	2,629	1,106	59,603
1992-93	9,267	846	1,823	152	2,753	1,228	61,655
1993-94	9,192	688	1,824	132	2,836	1,151	63,648
1994-95	9,889	688	1,939	197	3,137	3,328	70,650
1995-96	11,160	956	2,005	319	3,238	2,050	78,069
1996-97	11,507	1,013	2,273	276	3,490	2,298	82,658
1997-98	11,491	1,081	2,178	227	3,514	2,259	87,804
1998-99	12,510	1,097	2,412	393	3,700	1,550	94,262
1999-00	12,453	1,243	2,879	328	5,544	2,150	102,630
2000-01	12,653	1,115	2,774	448	6,900	4,869	106,974
2001-02	12,982	1,137	2,584	1,798	7,273	4,638	107,705
2002-03	12,738	1,250	2,986	2,563	7,650	5,358	111,776
2003-04	12,945	1,427	3,373	2,877	8,240	6,652	115,991
2004-05	13,540	1,347	3,337	3,129	8,537	4,459	120,171
2005-06	12,825	2,081	3,508	4,928	9,141	4,663	122,354
2006-07	12,618	1,900	3,833	5,441	10,920	5,833	131,669
2007-08(P)	12,717	2,290	4,506	5,950	11,751	5,448	140,697

* Includes those of light distillates, middle distillates and heavy ends and imports through private parties

Source : Ministry of Petroleum & Natural Gas.

Table 6.6 : Sector-wise (end use) Consumption of Selected Petroleum Products in India

('000 tonnes)

Petroleum Product	Year	Transport	Plant-ation	Power Generation	Industry	Misc. Services	Private Sales	Total
1	2	3	4	5	6	7	8	9=3 to 8
High Speed Diesel Oil	1984-85	11,839	128	140	1,122	467	-	13,696
	1985-86	12,880	149	160	1,263	434	-	14,886
	1986-87	14,008	155	161	1,293	392	-	16,009
	1987-88	15,360	177	209	1,500	411	-	17,657
	1988-89	16,822	146	132	1,300	395	-	18,795
	1989-90	18,341	201	126	1,512	457	-	20,637
	1990-91	18,813	318	104	1,431	473	-	21,139
	1991-92	20,282	346	110	1,416	526	-	22,680
	1992-93	21,726	388	108	1,489	582	-	24,293
	1993-94	23,059	494	115	1,512	698	-	25,878
	1994-95	24,742	621	229	1,783	886	-	28,261
	1995-96	28,034	789	167	2,386	878	7	32,261
	1996-97	20,276	6,783	2,284	3,608	2,068	-	35,019
	1997-98	20,662	6,891	2,390	3,843	2,285	-	36,071
	1998-99	21,367	6,750	2,576	4,254	2,270	-	37,217
	1999-00	22,386	7,593	2,622	3,890	2,796	8	39,295
	2000-01	22,197	7,497	2,596	3,132	2,516	20	37,958
	2001-02	21,662	7,227	2,509	2,687	2,430	31	36,546
	2002-03	21,832	7,278	2,497	2,548	2,379	110	36,644
	2003-04	21,772	7,210	2,526	2,442	2,925	199	37,074
2004-05	22,505	7,479	2,769	2,526	2,798	1,564	39,651	
2005-06	21,578	7,015	2,683	2,446	2,586	3,883	40,191	
2006-07	23,817	7,914	2,894	2,902	3,091	2,248	42,866	
2007-08(P)	24,041	9,011	3,020	1,968	9,495	134	47,669	
Light Diesel Oil	1984-85	95	29	233	377	464	-	1,198
	1985-86	86	30	255	397	355	-	1,123
	1986-87	86	30	273	433	334	-	1,156
	1987-88	101	32	251	520	341	-	1,245
	1988-89	96	33	346	604	358	-	1,437
	1989-90	98	35	325	577	443	-	1,478
	1990-91	86	41	282	638	454	-	1,501
	1991-92	80	37	236	644	465	-	1,462
	1992-93	85	35	211	647	429	-	1,407
	1993-94	82	36	190	625	437	-	1,370
	1994-95	83	35	169	641	441	-	1,369
	1995-96	68	41	166	700	336	-	1,311
	1996-97	66	34	184	633	306	-	1,223
	1997-98	64	34	189	626	322	-	1,235
	1998-99	63	41	170	646	358	-	1,278
	1999-00	59	47	176	769	461	-	1,512
	2000-01	58	46	215	681	399	-	1,399
	2001-02	53	51	165	621	312	390	1,592
	2002-03	40	56	173	754	390	650	2,063
	2003-04	57	46	147	727	250	392	1,619
2004-05	49	37	88	621	290	391	1,476	
2005-06	49	28	65	422	270	49	883	
2006-07	53	13	67	250	337	0	720	
2007-08(P)	35	3	77	203	350	0	668	

Table 6.6 (Contd.) : Sector-wise (End Use) Consumption of Selected Petroleum Products in India

(*000 tonnes)

Petroleum Product	Year	Transport	Plant-ation	Power Generation	Industry	Misc. Services	Private Sales	Total
1	2	3	4	5	6	7	8	9=3 to 8
Furnace Oil	1984-85	357	125	1,032	2,444	298	-	4,256
	1985-86	290	132	804	2,337	243	-	3,806
	1986-87	358	125	712	2,429	169	-	3,793
	1987-88	416	130	636	2,765	244	-	4,191
	1988-89	460	152	617	3,205	171	-	4,605
	1989-90	461	147	692	2,977	199	-	4,476
	1990-91	447	136	531	3,150	198	-	4,462
	1991-92	343	164	527	3,692	211	-	4,937
	1992-93	339	190	555	3,962	227	-	5,273
	1993-94	405	186	490	3,603	342	-	5,026
	1994-95	440	188	580	3,944	685	-	5,837
	1995-96	321	214	720	4,836	405	475	6,971
	1996-97	351	250	764	4,691	478	660	7,194
	1997-98	315	274	549	4,865	648	517	7,168
	1998-99	349	319	571	4,824	704	1,206	7,973
	1999-00	351	286	515	4,901	763	874	7,690
	2000-01	318	276	481	4,543	753	1,293	7,664
	2001-02	308	322	551	5,057	847	1,366	8,451
	2002-03	263	376	488	4,714	1,100	1,086	8,027
	2003-04	339	251	371	4,364	1,881	1,105	8,311
2004-05	352	**	314	1,562	5,827	1,099	9,154	
2005-06	478	**	302	1,828	5,613	700	8,921	
2006-07	502	**	254	1,830	5,600	1,083	9,269	
2007-08(P)	315	**	281	1,635	6,400	839	9,470	
Low Sulphur Heavy Stock	1984-85	-	25	1,462	2,014	186	-	3,687
	1985-86	4	34	1,526	2,365	165	-	4,094
	1986-87	4	38	1,489	2,696	27	-	4,254
	1987-88	2	36	1,659	2,242	14	-	3,953
	1988-89	4	34	1,571	2,234	8	-	3,851
	1989-90	8	42	1,630	2,629	19	-	4,328
	1990-91	13	49	1,835	2,605	22	-	4,524
	1991-92	22	29	1,798	2,335	81	-	4,265
	1992-93	10	35	1,779	2,122	48	-	3,994
	1993-94	12	40	1,676	2,366	72	-	4,166
	1994-95	2	27	1,624	2,258	141	-	4,052
	1995-96	3	32	1,747	2,246	161	@	4,189
	1996-97	3	25	1,634	2,480	171	@	4,313
	1997-98	3	21	1,614	2,482	203	@	4,323
	1998-99	5	43	1,297	2,980	212	@	4,537
	1999-00	7	27	1,363	3,036	330	@	4,763
	2000-01	1	22	1,657	2,948	361	@	4,989
	2001-02	0	21	1,403	2,735	372	@	4,531
	2002-03	0	44	1,639	2,694	334	@	4,711
	2003-04	0	5	1,569	2,263	796	@	4,633
2004-05	0	0	1,238	1,453	1,713	@	4,404	
2005-06	0	0	560	1,390	1,957	@	3,904	
2006-07	0	0	298	1,358	1,705	@	3,361	
2007-08(P)	0	0	344	1,304	1,600	@	3,248	

@ LSHS sales through Pvt. parties included in Furnace Oil sales. Breakup not available

** Included in Miscellaneous services. Breakup not available.

Source : Ministry of Petroleum & Natural Gas.

INDUSTRY-WISE OFF-TAKE OF NATURAL GAS IN INDIA

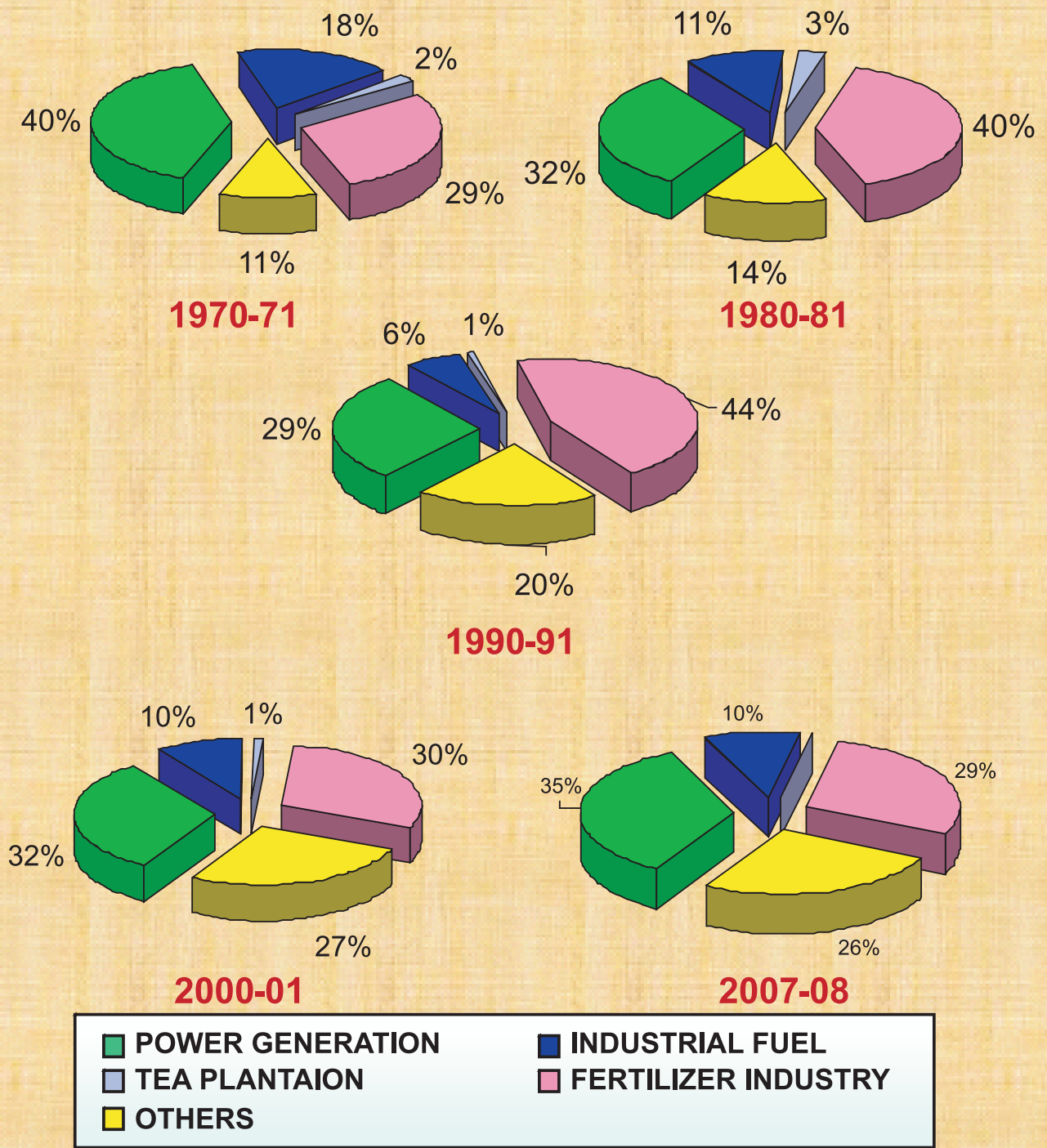


Exhibit Table 6.7

Table 6.7 : Industry-wise Off-take of Natural Gas in India

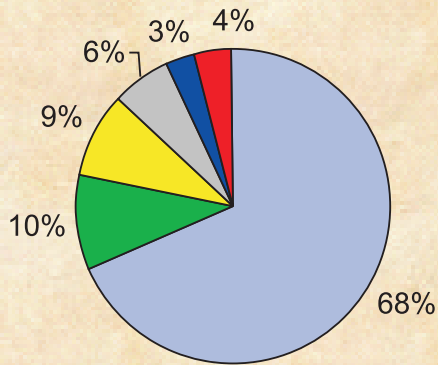
(Million Cubic Metres)

Year	Energy Purposes							Non-energy Purposes				Grand Total
	Power Generation	Industrial Fuel	Tea Plantation	Domestic Fuel	Captive Use/ LPG Shrinkage	Others	Total	Fertilizer Industry	Petro Chemicals	Others @	Total	
1	2	3	4	5	6	7	8=2 to 7	9	10	11	12=9 to 11	13=8+12
1970-71	261	116	15	-	68	-	460	187	-	-	187	647
1971-72	313	129	19	-	61	-	522	196	-	-	196	718
1972-73	339	148	20	-	63	-	570	201	-	-	201	771
1973-74	323	157	22	-	81	-	583	179	-	-	179	762
1974-75	354	164	29	6	80	-	633	318	-	-	318	951
1975-76	368	143	33	13	104	-	661	463	-	2	465	1,126
1976-77	344	155	38	15	142	-	694	663	-	24	687	1,381
1977-78	372	165	39	13	171	-	760	673	9	22	704	1,464
1978-79	560	175	43	13	176	-	967	721	5	18	744	1,711
1979-80	514	158	39	16	174	-	901	755	7	18	780	1,681
1980-81	492	163	45	14	176	-	890	611	5	16	632	1,522
1981-82	612	166	47	15	364	-	1,204	991	8	19	1,018	2,222
1982-83	1,025	185	51	14	499	-	1,774	1,155	7	21	1,183	2,957
1983-84	1,209	230	58	16	572	-	2,085	1,283	10	23	1,316	3,401
1984-85	1,454	250	62	18	721	-	2,505	1,603	10	23	1,636	4,141
1985-86	1,299	223	78	21	795	-	2,416	2,500	10	24	2,534	4,950
1986-87	2,041	257	96	25	1,295	-	3,714	3,335	-	26	3,361	7,075
1987-88	2,721	281	99	34	1,313	-	4,448	3,490	-	30	3,520	7,968
1988-89	1,823	526	87	42	1,329	-	3,807	5,334	21	88	5,443	9,250
1989-90	2,140	695	78	41	1,526	-	4,480	6,578	29	85	6,692	11,172
1990-91	3,634	827	89	50	1,775	-	6,375	5,612	409	370	6,391	12,766
1991-92	4,774	766	108	72	2,165	-	7,885	5,509	532	516	6,557	14,442
1992-93	4,967	1,450	105	187	1,916	-	8,625	6,672	578	241	7,491	16,116
1993-94	4,785	1,794	121	189	2,277	-	9,166	6,499	494	181	7,174	16,340
1994-95	5,229	1,927	134	190	2,230	-	9,710	6,936	520	171	7,627	17,337
1995-96*	6,836	2,301	111	178	589	-	10,015	7,602	474	-	8,076	18,091
1996-97*	6,935	2,631	130	184	618	-	10,498	7,625	509	-	8,134	18,632
1997-98*	8,114	3,106	117	206	569	-	12,112	8,752	649	-	9,401	21,513
1998-99*	8,714	3,005	147	193	911	-	12,970	8,869	650	-	9,519	22,489
1999-00	8,829	2,329	140	250	4,840	36	16,424	8,592	666	1,203	10,461	26,885
2000-01	8,801	2,870	151	335	5,004	38	17,199	8,480	779	1,402	10,661	27,860
2001-02	9,214	2,979	147	485	5,339	70	18,234	7,957	909	937	9,803	28,037
2002-03	10,510	2,939	119	654	5,409	136	19,767	7,955	1,027	1,215	10,197	29,964
2003-04	11,478	3,099	142	93	4,865	1,263	20,940	7,889	1,128	949	9,966	30,906
2004-05	12,099	3,569	142	343	4,944	231	21,328	8,173	1,236	38	9,447	30,775
2005-06	11,878	3,780	151	75	5,048	1,120	22,052	7,762	1,175	36	8,973	31,025
2006-07	11,963	3,205	170	443	5,034	40	20,855	8,497	1,377	639	10,513	31,368
2007-08(P)	12,037	3,324	160	39	5,618	1,258	22,436	9,822	1,432	638	11,892	34,328

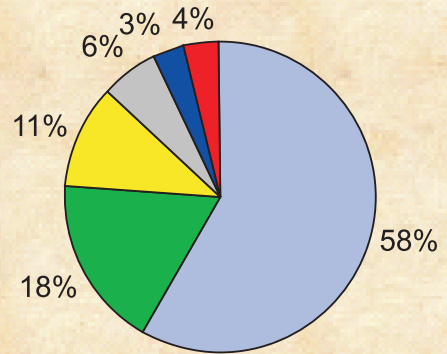
* Excludes offtakes of Natural Gas by ONGC.

Source : Ministry of Petroleum & Natural Gas.

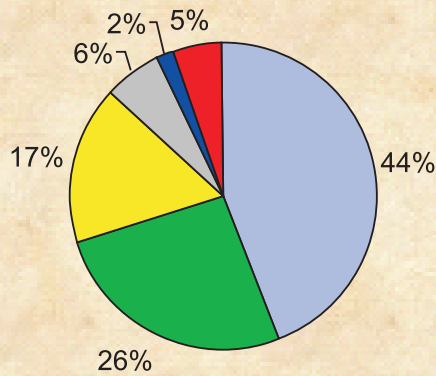
SECTOR WISE SALES OF ELECTRICITY IN INDIA



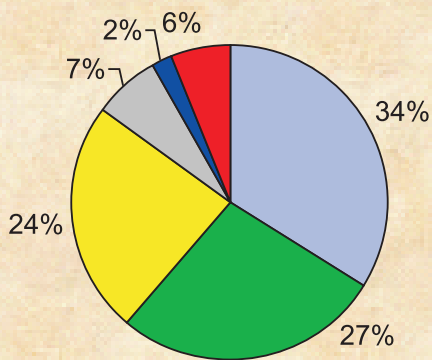
1970-71



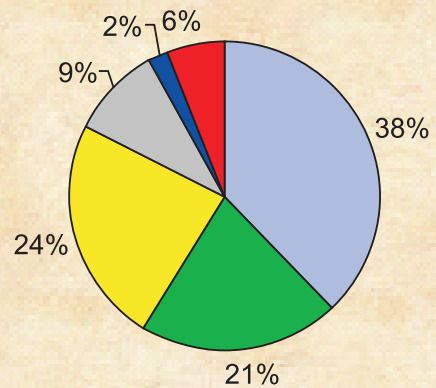
1980-81



1990-91



2000-01



2007-08

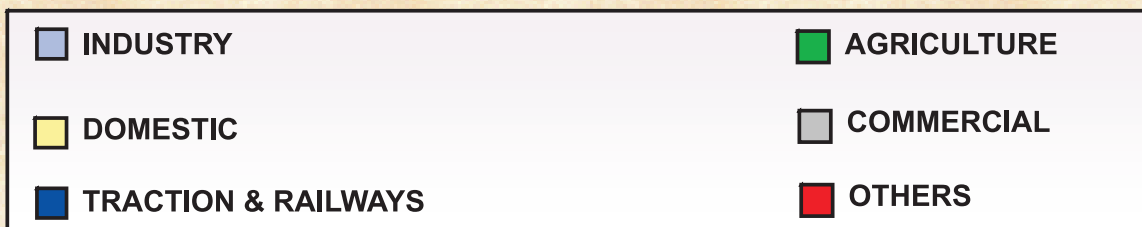


Exhibit (Table 6.8)

Table 6.8: All India Electrical Energy Sales (from utilities) by Sectors in India

(Giga Watt hour) = (10⁶ x Kilo Watt hour)

Year	Industry	Agriculture	Domestic	Commercial	Traction & Railways	Others	Total Electricity Consumed
1	2	3	4	5	6	7	8=2 to 7
1970-71	29,579	4,470	3,840	2,573	1,364	1,898	43,724
1971-72	31,637	5,006	4,107	2,953	1,633	1,737	47,073
1972-73	32,244	5,918	4,309	2,782	1,831	2,004	49,088
1973-74	32,481	6,310	4,645	2,988	1,531	2,291	50,246
1974-75	32,690	7,763	5,173	3,082	1,531	2,393	52,632
1975-76	37,568	8,721	5,821	3,507	1,855	2,774	60,246
1976-77	41,606	9,621	6,337	4,142	2,168	2,765	66,639
1977-78	42,635	10,107	6,821	4,428	2,297	2,967	69,255
1978-79	47,728	12,027	7,576	4,331	2,186	3,445	77,293
1979-80	45,955	13,452	8,402	4,657	2,301	3,317	78,084
1980-81	48,069	14,489	9,246	4,682	2,266	3,615	82,367
1981-82	53,064	15,202	10,439	5,194	2,505	3,841	90,245
1982-83	52,967	17,817	12,092	5,846	2,633	4,234	95,589
1983-84	57,094	18,233	13,235	6,561	2,710	4,511	102,344
1984-85	63,019	20,960	15,506	6,937	2,880	4,766	114,068
1985-86	66,980	23,422	17,258	7,290	3,182	4,967	123,099
1986-87	70,297	29,444	19,323	7,772	3,229	5,887	135,952
1987-88	69,180	35,267	22,120	8,841	3,616	6,589	145,613
1988-89	76,819	38,847	24,609	10,064	4,037	5,820	160,196
1989-90	80,694	44,056	29,577	9,548	4,070	7,474	175,419
1990-91	84,209	50,321	31,982	11,181	4,112	8,552	190,357
1991-92	87,288	58,557	35,854	12,032	4,520	9,394	207,645
1992-93	90,170	63,328	39,717	12,653	5,068	9,738	220,674
1993-94	94,503	70,699	43,344	14,144	5,620	10,259	238,569
1994-95	100,126	79,301	47,915	15,973	5,886	10,428	259,629
1995-96	104,693	85,732	51,733	16,996	6,223	11,652	277,029
1996-97	104,165	84,019	55,267	17,519	6,534	12,642	280,146
1997-98	104,926	91,242	60,346	19,367	6,944	13,924	296,749
1998-99	105,080	97,195	64,973	19,799	7,307	15,380	309,734
1999-00	106,728	90,934	70,520	21,161	8,088	15,410	312,841
2000-01	107,622	84,729	75,629	22,545	8,213	17,862	316,600
2001-02	107,296	81,673	79,694	24,139	8,106	21,551	322,459
2002-03	114,959	84,486	83,355	25,437	8,797	22,564	339,598
2003-04	124,573	87,089	89,736	28,201	9,210	22,128	360,937
2004-05	137,589	88,555	95,660	31,381	9,495	23,454	386,134
2005-06	151,557	90,292	100,090	35,965	9,944	24,039	411,887
2006-07	171,293	99,023	111,002	40,220	10,800	23,411	455,749
2007-08(P)	189,424	104,182	120,918	46,685	11,108	29,660	501,977

Source : Central Electricity Authority.

Table 6.9 : Electricity Generated, Distributed, Sold and Lost in India(Giga Watt hour) = (10⁶ x Kilo Watt hour)

Year	Gross Electricity Generated from Utilities	Consumption in Power Station Auxiliaries	Net Electricity Generated from Utilities	Purchases from Non-Utilities + Imported from Other Countries	Net Electricity Available for Supply	Sold to Ultimate Consumers & Other Countries	Loss in transmission	Loss in transmission (%)
1	2	3	4=2-3	5	6=4+5	7	8=6-7	9
1970-71	55,828	2,863	52,965	66	53,031	43,724	9,307	17.55
1971-72	60,926	3,130	57,796	129	57,925	47,063	10,862	18.75
1972-73	64,546	3,398	61,148	178	61,326	49,096	12,230	19.94
1973-74	66,689	3,615	63,074	115	63,189	50,257	12,932	20.47
1974-75	70,190	4,130	66,060	139	66,199	52,644	13,555	20.48
1975-76	79,231	4,556	74,675	121	74,796	60,246	14,550	19.45
1976-77	88,333	5,334	82,999	88	83,087	66,641	16,446	19.79
1977-78	91,369	5,620	85,749	69	85,818	69,286	16,532	19.26
1978-79	102,523	5,893	96,630	73	96,703	77,343	19,360	20.02
1979-80	104,627	6,495	98,132	68	98,200	78,124	20,076	20.44
1980-81	110,844	7,230	103,614	120	103,734	82,367	21,367	20.60
1981-82	122,101	8,287	113,814	114	113,928	90,245	23,683	20.79
1982-83	130,264	9,029	121,235	70	121,305	95,667	25,638	21.14
1983-84	140,177	10,142	130,035	87	130,122	102,433	27,689	21.28
1984-85	156,859	11,650	145,209	184	145,393	114,179	31,214	21.47
1985-86	170,350	13,157	157,193	107	157,300	123,106	34,194	21.74
1986-87	187,713	14,704	173,009	316	173,325	136,129	37,196	21.46
1987-88	202,093	16,317	185,776	2,097	187,873	145,643	42,230	22.48
1988-89	221,382	17,185	204,197	1,745	205,942	161,436	44,506	21.61
1989-90	245,438	18,674	226,764	2,020	228,784	175,524	53,260	23.28
1990-91	264,329	19,604	244,725	2,216	246,941	190,420	56,521	22.89
1991-92	287,029	21,011	266,018	3,118	269,136	207,698	61,438	22.83
1992-93	301,362	22,060	279,302	3,082	282,384	220,819	61,565	21.80
1993-94	324,050	23,670	300,380	3,301	303,681	238,670	65,011	21.41
1994-95	350,490	24,795	325,695	3,560	329,255	259,687	69,568	21.13
1995-96	379,877	27,220	352,657	3,784	356,441	277,078	79,363	22.27
1996-97	395,890	28,805	367,085	4,310	371,395	280,290	91,105	24.53
1997-98	421,747	30,684	391,063	3,926	394,989	297,070	97,919	24.79
1998-99	448,535	31,423	417,112	4,367	421,479	310,004	111,475	26.45
1999-00	481,055	32,889	448,166	5,039	453,205	313,042	140,163	30.93
2000-01	501,204	34,932	466,272	5,596	471,868	316,795	155,073	32.86
2001-02	517,439	36,606	480,833	7,969	488,802	322,691	166,111	33.98
2002-03	532,693	38,256	494,437	8,219	502,656	339,773	162,883	32.40
2003-04	565,102	39,801	525,301	9,730	535,031	360,996	174,035	32.53
2004-05	594,456	41,590	552,866	8,843	561,709	386,174	175,535	31.25
2005-06	623,819	41,970	581,849	10,345	592,194	412,096	180,098	30.41
2006-07	670,654	43,577	627,077	11,931	639,008	455,964	183,043	28.64
2007-08(P)	722,626	45,531	677,095	12,685	689,780	502,267	187,513	27.18

Source : Central Electricity Authority.