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TABLE 1. INDIAN ECONOMY - SELECTED INDICATORS

Indicator	Unit/base	1990-91	2000-01	2002-03	2003-04	2004-05	2005-06	2006-07*
1	2	3	4	5	6	7	8	9
1. Geographical Area	M.Sq.Km.	3.29	3.29	3.29	3.29	3.29	3.29	3.29
2. Population	Million	839	1019	1055	1073	1090	1112	1130
3. Gross National Product at factor cost :								
(i) At current prices	Rs.Billion	5034	19075	22389	25312	28336	32260 Q	37227 A
(ii) At constant prices+	"	6837	18478	20338	22047	23677	25807 Q	28221 A
4. Net National Product at factor cost :								
(i) At current prices	Rs.Billion	4501	17047	20033	22686	25312	28468 Q	32966
(ii) At constant prices+	"	6142	16531	18231	19869	21418	22952 Q	25226
5. Per Capita Net National Product :								
(i) At current prices	Rupees	5365	16729	18988	21142	23222	25716 Q	29382
(ii) At constant prices+	"	7321	16223	17281	18517	19649	20734 Q	22483
6. Foreign Exchange Reserves								
(i) Gold++	Rs.Billion	68.28	127.11	167.85	182.16	196.86	256.74	NA
(ii) SDR	Mn. of SDRs.	75.9	2.0	3.0	2.0	5.0	3.0	NA
(iii) Foreign Exchange	Rs.Billion	43.88	1844.82	3414.76	4662.15	5931.21	6473.27	8365.97
Foreign Exchange Rate	Rs./US\$	17.943	45.684	48.395	45.952	44.932	44.273	45.48
7. Foreign Trade :								
(i) Import	Rs.Billion	431.98	2308.73	2972.06	3591.08	4905.32	6604.09	8623.02
(ii) Export	"	325.53	2035.71	2551.37	2933.67	3618.79	4564.18	5716.42
(iii) Balance of Trade	"	-106.45	-273.02	-420.69	-657.41	-1286.53	-2039.91	-2906.60
8. Index of Production :								
(i) Agricultural	1993-94		163.7	175.3	182.9	186.7	190.7	202 \$\$
(ii) Industrial	1993-94=100	212.6**	162.6	176.6	189.0	204.8	221.5	239 \$\$
9. Wholesale Price Index :	1993-94=100	73.7	155.7	166.8	175.9	187.3	195.6	205.9
10. Consumer Price Index:								
(i) Industrial Workers	1982=100	193	445	487	504	525	551	588 \$
(ii) Agricultural Labourers	1986-87=100		300	324	332	340	358	NA
(iii) Urban non-manual workers	1984-85=100	161	377	410	424	441	456	485
11. Employment : !								
(i) Public Sector	Million	19.06	19.14	18.58	18.2	N.A.	N.A.	N.A.
(ii) Private Sector	"	7.68	8.65	8.42	8.25	N.A.	N.A.	N.A.
Total	"	26.73	27.79	27.00	26.44	N.A.	N.A.	N.A.
No. of persons on live register of employment exchange	Million	34.89	41.23	41.17	41.39	42.00	N.A.	N.A.
12. Energy Generation (Gross) :								
Coal	Mn.Tonne	211.73	309.63	341.29	361.25	382.61	407.20	295.13 \$\$
Lignite	"	13.77	22.95	26.02	27.96	30.34	30.06	21.14 \$\$
Natural Gas	Bn.Cub.Mtr.	17.998	29.477	31.389	31.962	31.763	32.202	31.747
Crude Oil	Mn.Tonne	33.02	32.43	33.04	33.37	33.98	32.19	33.99
Petroleum Products(incl.RBF)	"	51.27	102.51	111.79	121.70	127.12	128.88	148.65
13. Energy Generated (Gross)								
(i) Utilities								
Hydel	B.KWH	71.7	74.5	64.0	75.2	84.6	99.9	NA
Thermal	"	186.5	408.1	449.3	472.1	492.8	506	NA
Nuclear	"	6.1	16.9	19.4	17.8	17.0	17.3	NA
Total	"	264.3	499.5	532.7	565.1	594.4	623.2	NA
(ii) Non-utilities	"	25.1	55.0	63.8	68.2	71.4	74.1	NA
Grand Total	"	289.4	554.5	596.5	633.3	665.8	697.3	NA

* : Provisional. N.A. : Not Available. **: Based on 1980-81=100

+ : Figures for 1990-91 are based on 1993-94 prices and from 2000-01 onwards are based on 1999-00 prices.

++ : Gold is valued at Rs.84.39/10 gms from May'66 upto Sep'90 & closer to international market prices w.e.f. 17 Oct.'90.

! : As on 31 March

!! : January 2002.

Q: Quick estimate, A: advanced estimate, \$: as on December,2006, \$\$: April-Dec.,2006

Source : Economic Survey, RBI, Ministry of Statistics/Commerce & Industry/Finance.

TABLE-2. REAL GROWTH DURING FIVE YEAR PLAN PERIODS

(Percentage)

Plan	Period	Real Income Growth			Sectoral Growth Rate		
		Targetted growth in terms of	Plan target	Actual growth	Agriculture	Industry	Services
1	2	3	4	5	6	7	8
First Plan	1951-56	NNP	2.1	3.6	2.9	5.9	3.7
Second Plan	1956-61	NNP	4.5	3.9	3.2	6.4	4.6
Third Plan	1961-66	NNP	5.6	2.3	-0.5	6.8	5.0
Fourth Plan	1969-74	NNP	5.7	3.2	2.6	3.7	4.0
Fifth Plan	1974-79	GDP	4.4	4.8	3.4	6.3	5.5
Sixth Plan	1980-85	GDP	5.2	5.7	5.5	6.2	5.4
Seventh Plan	1985-90	GDP	5.0	6.0	3.4	7.5	7.4
Eighth Plan	1992-97	GDP	5.6	6.8	3.9	8.0	7.9
Ninth Plan	1997-02	GDP	6.5	5.5	2.0	4.6	8.1
Tenth Plan	2002-07	GDP	8.0	7.2*	1.7*	8.3*	9*
Eleventh	2007-12	GDP	9.0				

Source: (i) Petroleum Planning & Analysis Cell.

(ii) Ministry of Statistics & Programme Implementation for sectoral growth rate of Ninth Plan.

(iii) An approach to the 11th Five Year Plan (Page-4)

*: GDP growth rate is actual up to 2005-06 and as estimated by EAC to PM for 2006-07

TABLE-3. GROWTH OF INDIAN PETROLEUM INDUSTRY AT A GLANCE

Item	Unit	2000-01	2002-03	2003-04	2004-05	2005-06	2006-07*
1	2	3	4	5	6	7	8
1. Reserves !							
(Balance Recoverable)							
(i) Crude Oil	Mn.Tonne	703	741	733	739	786	756
(ii) Natural Gas	Bn.Cub.Mtr.	760	751	854	923	1101	1090
2. Consumption							
(i) Crude Oil	Mn.Tonne	103.44	112.56	121.84	127.42	130.11	146.55
(in terms of refinery crude throughput)							
(ii) Petroleum Products	"	100.07	104.13	107.75	111.63	113.21	119.55
(excl. RBF)							
3. Production :							
(i) Crude Oil	"	32.43	33.04	33.37	33.98	32.19	33.99
(ii) Petroleum Products	"	95.61	104.14	113.46	118.58	119.75	135.26
4. Imports & Exports							
(i) Gross Imports :							
(a) Qty : Crude Oil	Mn.Tonne	74.10	81.99	90.43	95.86	99.41	110.86
Pol. Products	"	9.27	6.74	8.00	8.83	11.68	16.97
Total (a)	"	83.37	88.73	98.43	104.69	111.09	127.83
(b) Value:Crude Oil	Rs.Billion	659.32	761.95	835.28	1170.03	1717.02	2199.91
Pol.Products	"	120.93	82.06	97.23	148.88	255.75	403.89
Total (b)	"	780.25	844.01	932.51	1318.91	1972.77	2603.8
Pol. Imports as per DGC&S	"	714.97	853.67	945.20	1340.94	1946.40	2582.59
(ii) Exports :							
(a) Qty :							
Pol. Products	Mn.Tonne	8.37	10.29	14.62	18.21	21.51	32.4
(b) Value:							
Pol.Products	Rs.Billion	76.72	108.68	167.81	299.28	467.2	801.72
(iii) Net Imports :							
(a) Qty : Crude Oil	Mn.Tonne	74.10	81.99	90.43	95.86	99.41	110.86
Pol. Products	"	0.90	-3.55	-6.62	-9.38	-9.83	-15.43
Total (a)	"	75.00	78.44	83.81	86.48	89.58	95.43
(b) Value:Crude Oil	Rs.Billion	659.32	761.95	835.28	1170.03	1717.02	2199.91
Pol.Products	"	44.21	-26.62	-70.58	-150.40	-211.45	-397.83
Total (b)	"	703.53	735.33	764.70	1019.63	1505.57	1802.8
(iv) Unit Value of Crude oil imports(gross)							
	Rs./MT	8898	9293	9237	12206	17272	19844
5. India's Total Exports							
	Rs.Billion	2035.71	2551.37	2933.67	3618.79	4564.18	5716.42
6. Pol. imports as percentage of India's total exports							
(i) Gross Imports	%	38.3	33.1	31.8	36.4	43.2	45.5
(ii) Net Imports	%	34.6	28.8	26.1	28.2	33.0	31.5
7. Contribution of Oil Sector to Centre/State Resources							
(i) Royalty from crude oil	Rs.Billion	22.72	30.67	31.74	42.71	50.60	NA
(ii) Royalty from gas	"	6.08	7.78	8.54	8.29	9.81	NA
(iii)Oil Development Cess	"	27.31	45.01	51.34	52.48	50.07	70.34
(iv) Excise & Custom duties	"	359.12	451.27	507.33	563.95	631.43	718.93
(v) Sales Tax	"	233.75	297.41	328.49	390.00	N.A.	NA
(vi) Dividend	"	34.82	67.94	63.10	94.36	N.A.	NA
8. Natural Gas :							
(i) Gross Production	Bn.Cub.Mtr.	29.477	31.389	31.962	31.763	32.202	31.747
(ii) Utilisation	"	27.860	29.963	30.906	30.775	31.325	30.791

* : Provisional.

! : As on 1st April of initial year.

N.A.: Not Available.

Source: Public Sector Undertakings / DGC&S, Kolkata / Ministry of Finance.

TABLE-4. INTERNATIONAL PETROLEUM STATISTICS

Item	Unit	1990	2000	2002	2003	2004	2005	2006
1	2	3	4	5	6	7	8	9
1. World Reserves :								
Oil & Gas at year end								
(i) Crude Oil	Bn. Tonne	136.5	142.7	156.7	161.8	163.6	165.0	164.5
of which OPEC	"	105.1	111.1	120.4	121.6	123.2	123.5	123.6
(ii) Natural Gas	Tr.Cu.ft.	4209	5302	6205	6226	6348	6361	6405
of which OPEC	"	1735	2343	3106	3154	3127	3118	2961
2. World Prodn. of Oil & Gas								
(i) Crude Oil	Mn. Tonne	3180	3595	3562	3703	3865	3897	3914
of which OPEC	"	1199	1500	1376	1475	1591	1630	1633
(ii) Natural Gas Net	Bn.Cu.Mtr.	1991	2436	2532	2617	2704	2780	2851
of which OPEC	"	211	384	415	433	460	501	520
3. World Oil Refinery								
(i) Refinery capacity at year end	Mn. Tonne/Year	3728	4079	4137	4167	4232	4266	4331
(ii) Crude throughput	Mn. Tonne	3099	3430	3446	3539	3636	3693	3718
4. World Oil Consumption								
(i) World Total	Mn. Tonne	3135	3519	3563	3642	3799	3961	3890
(ii) Main consuming areas !	"	1886	2101	2119	2160	2252	2257	2262
(iii) Consumption in main areas as % of world	%	60.2	59.7	59.5	59.3	59.3	57.0	58.1
5. World Imports/Exports								
(i) Crude Oil	Mn.Tonne	1188	1661	1667	1770	1855	1885	1933
(ii) Pol. Products	"	363	451	486	491	526	576	658
Total	"	1551	2112	2153	2261	2381	2461	2591
6. Export of Crude Oil/ Pol. from OPEC								
(i) Crude Oil	"	797	1020	881	950	1075	1131	NA
(ii) Pol. Products	"	176	221	199	201	211	220	NA
Total	"	973	1241	1080	1151	1286	1351	NA
7. World Primary Energy Consumption								
(i) Oil	Mn. Tonne Oil Eqv.	3135	3519	3563	3642	3799	3861	3890
(ii) Natural Gas	"	1771	2158	2286	2343	2425	2512	2575
(iii) Coal	"	2245	2217	2412	2614	2799	2957	3090
(iv) Hydro-Electric	"	189	617	593	604	643	667	688
(v) Nuclear Energy	"	517	585	611	598	625	627	636
Total	"	7857	9096	9465	9801	10291	10624	10879

! : Includes USA, Germany, France, Italy, U.K., Japan, China, Russia, India and South Korea.

N.A.: Not Available.

Source : (i) BP Statistical Review of World Energy (ii) OPEC Annual Statistical Bulletin.

TABLE-5. PRIMARY COMMERCIAL ENERGY CONSUMPTION IN INDIA

Source	Unit	1990-91	2000-01	2002-03	2003-04	2004-05	2005-06	2006-07*
1	2	3	4	5	6	7	8	9
1. Pol.Products (incl. RBF)	MMT	57.75	106.97	111.78	115.99	120.17	121.05	122.99
2. Natural Gas (net)	BCM	12.77	27.86	29.96	30.91	30.78	31.33	30.79
3. Coal	MMT	211.73	309.63	341.29	361.25	382.61	407.04	295.13
4. Lignite	MMT	13.77	22.95	26.02	27.96	30.34	30.06	21.14
5. Electricity (incl.Non-utilities)	Bn.KWH	289.40	554.50	596.50	633.30	665.80	697.30	N.A.

* : Provisional.

MMT: Million Metric Tonnes

BCM: Billion Cubic Metres

N.B.: Data reflects despatches of Coal/Lignite (incl. stock differential).

Source: Ministry of Finance / Economic Survey.

TABLE-6. OIL AND GAS RESERVES

AREA	1990	2000	2002	2003	2004	2005	2006	2007
1	2	3	4	5	6	7	8	9
CRUDE OIL (Million Metric Tonnes)								
Onshore	307	317	332	339	357	376	387	357
Offshore	432	386	409	422	382	410	369	369
Total	739	703	741	761	739	786	756	726
NATURAL GAS (Billion Cubic Metres)								
Onshore	229	299	315	327	339	340	330	270
Offshore	457	461	436	527	584	761	745	785
Total	686	760	751	854	923	1101	1075	1055

Note: The oil and natural gas reserves (proved and indicated) data relate to 1st January for the year 1990 and thereafter 1st April of each year.

Source: ONGC, OIL and DGH.

TABLE-7. EXPLORATORY AND DEVELOPMENT DRILLING

Area	1990-91		2003-04		2004-05		2005-06		2006-07*	
	Wells (No.)	Metre- age (ooo)	Wells (No.)	Metre- age (ooo)	Wells (No.)	Metre- age (ooo)	Wells (No.)	Metre- age (ooo)	Wells (No.)	Metre- age (ooo)
1	2	3	4	5	6	7	8	9	10	11
(a) EXPLORATORY										
Onshore	176	434	107	287	84	217	82	236	74	187
Offshore	73	184	30	87	33	112	32	106	22	76
Total (a)	249	618	137	374	117	329	114	342	96	263
(b) DEVELOPMENT										
Onshore	220	455	158	330	180	399	145	322	157	354
Offshore	66	92	59	142	36	111	42	137	44	125
Total (b)	286	547	217	472	216	510	187	459	201	479
Grand Total (a+b)	535	1165	354	846	333	839	301	801	297	742

*: Provisional

Source: Public Sector Undertakings.

TABLE-8. NUMBER OF WELLS AND METREAGE DRILLED

Area / State	Wells & Metreage Drilled									
	1990-91		2003-04		2004-05		2005-06		2006-07*	
	Wells	Metre- age	Wells	Metre- age	Wells	Metre- age	Wells	Metre- age	Wells	Metre- age
	No.	(000)	No.	(000)	No.	(000)	No.	(000)	No.	(000)
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>
(a) ONSHORE										
Assam	74	252	57	201	79	260	58	225	48	190
Gujarat	253	436	156	290	139	237	124	215	128	223
Others	69	201	52	126	46	119	45	119	55	128
Total (a)	396	889	265	617	264	616	227	559	231	541
(b) OFFSHORE										
Bombay High	123	235	82	207	34	106	51	171	66	201
Others	16	41	7	22	35	117	23	71		
Total (b)	139	276	89	229	69	223	74	242	66	201
Grand Total (a+b)	535	1165	354	846	333	839	301	801	297	742

*: Provisional

Source: Public Sector Undertakings.

TABLE-9. STATE-WISE/BASIN-WISE OIL AND GAS FIELDS IN INDIA AS ON 1.4.2007

(Number)					
Company / State	Basin	Oil Fields	Gas Fields	Oil and Gas Fields	Total Fields
1	2	3	4	5	6
A. OIL & NATURAL GAS CORPN. LTD.		8	111	220	339
a) ONSHORE					
Gujarat	Cambay	2	8	85	95
Assam	Upper Assam	0	0	30	30
	A&AA	0	4	2	6
Rajasthan	Jodhpur	0	7	0	7
Andhra Pradesh	K.G. Basin	0	32	11	43
Tamil Nadu	Cauvery	0	8	18	26
Tripura	AAFB	0	7	0	7
Nagaland	A&AA	2	0	1	3
b) OFFSHORE					
East Coast	Cauvery Offshore	0	1	3	4
	KG Offshore(Shallow)	0	4	5	9
	KG Offshore(Deep)	0	11	2	13
	Mahanadi	0	1	0	1
	Andaman	0	1	0	1
West Coast	Cambay	0	0	2	2
	Mumbai Offshore	4	23	60	87
	Kutch	0	4	1	5
B. OIL INDIA LTD.		1	3	15	19
Assam	Upper Assam	0	0	14	14
Arunachal Pradesh	Upper Assam	0	0	1	1
Rajasthan	Jaisalmer	0	3	0	3
	Bikaner Nagaur	1	0	0	1
C. PRIVATE/JVCs		0	3	27	30
a) ONSHORE					
Gujarat	Cambay	0	3	19	22
Arunachal Pradesh	AAFB	0	0	1	1
Assam	Assam	0	0	1	1
b) OFFSHORE					
East Coast	Cauvery	0	0	1	1
	KG Basin	0	0	1	1
West Coast	Bombay	0	0	3	3
	Cambay	0	0	1	1
Grand Total		9	117	262	388

AAFB : Assam Arakan Fold Belt.

Source: ONGC, OIL and DGH.

A&AA : Assam & Assam Arakan.

TABLE-10. PRODUCTION OF CRUDE OIL AND NATURAL GAS

ITEM	1990-91	2000-01	2002-03	2003-04	2004-05	2005-06	2006-07*
1	2	3	4	5	6	7	8
1. CRUDE OIL PRODUCTION ++ ('000' Tonnes)							
(a) Onshore:							
Gujarat	6357	5815	6042	6131	6187	6251	6212
Assam/Nagaland	5070	5199	4660	4592	4703	4474	4400
Arunachal Pradesh	41	78	74	77	83	104	109
Tamil Nadu	302	436	395	375	391	385	353
Andhra Pradesh	14	263	300	281	226	216	252
Total (a)	11784	11791	11471	11456	11590	11430	11326
of which							
OIL	2647	3286	2951	3002	3196	3234	3107
ONGC	9137	8428	8445	8380	8320	8095	8058
JVC/Private	0	77	75	74	74	101	161
(b) Offshore:							
ONGC	20376	16629	17560	17677	18165	16309	17993
JVC/Private	Nil	4006	4013	4240	4226	4451	4669
Total (b)	20376	20635	21573	21917	22391	20760	22662
Grand Total (a+b)	32160	32426	33044	33373	33981	32190	33988
2. NATURAL GAS PRODUCTION							
(Million Cubic Metres)							
(a) Onshore:							
Gujarat	1696	3149	3531	3517	3710	3831	3294
Assam/Nagaland	2010	2204	2047	2204	2249	2408	2526
Arunachal Pradesh	29	32	36	44	40	48	35
Tripura	70	376	446	508	497	480	520
Tamil Nadu	64	200	466	605	678	906	1130
Andhra Pradesh	47	1604	2038	1927	1707	1663	1525
Rajasthan	Nil	160	162	168	213	242	242
Total (a)	3916	7725	8726	8973	9094	9578	9272
of which							
OIL	1518	1861	1744	1887	2010	2270	2265
ONGC	2398	5555	5871	5779	5658	5751	5876
JVC/Private	0	309	1111	1307	1426	1557	1131
(b) Offshore:							
ONGC (Mumbai High)	14082	18465	18367	17805	17313	16823	16567
JVC/Private	0	3287	4296	5184	5356	5801	5908
Total (b)	14082	21752	22663	22989	22669	22624	22475
Grand Total (a+b)	17998	29477	31389	31962	31763	32202	31747

*: Provisional

++: Includes condensates

Note: Exploration activities were suspended by ONGC in Nagaland w.e.f. 5th May 1994.

Source: ONGC, OIL and DGH.

TABLE-11. STATE-WISE GROSS & NET PRODUCTION OF NATURAL GAS IN INDIA

	(Million Cubic Metre)						
STATE / UTILISATION	1990-91	2000-01	2002-03	2003-04	2004-05	2005-06	2006-07*
1	2	3	4	5	6	7	8
A. ONSHORE							
ASSAM@							
Gross Production(GP)	2039	2396	2245	2416	2502	2698	2803
Re-injected	102	0	0	0	0	0	0
Flared	621	219	185	203	230	205	233
Net Production	1316	2177	2060	2213	2272	2493	2570
% Flared to GP	30.46	9.14	8.24	8.40	9.19	7.60	8.31
GUJARAT							
Gross Production	1696	3149	3531	3517	3710	3831	3294
Re-injected	0	0	0	0	0	0	0
Flared	402	436	323	128	48	21	17
Net Production	1294	2713	3208	3389	3662	3810	3277
% Flared to GP	23.70	13.85	9.15	3.64	1.29	0.55	0.52
TAMIL NADU							
Gross Production	64	200	466	605	678	906	1130
Re-injected	0	0	0	0	0	0	0
Flared	55	74	88	68	50	39	17
Net Production	9	126	378	537	628	867	1113
% Flared to GP	85.94	37.00	18.88	11.24	7.37	4.30	1.50
ANDHRA PRADESH							
Gross Production	47	1604	2038	1927	1707	1663	1525
Re-injected	0	0	0	0	0	0	0
Flared	5	23	18	13	10	8	9
Net Production	42	1581	2020	1914	1697	1655	1516
% Flared to GP	10.64	1.43	0.88	0.67	0.59	0.48	0.59
TRIPURA							
Gross Production	70	376	446	508	497	480	520
Re-injected	0	0	0	0	0	0	0
Flared	0	0	0	0	0	0	0
Net Production	70	376	446	508	497	480	520
% Flared to GP	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B. OFFSHORE							
MUMBAI HIGH							
Gross Production	14082	18465	18367	17805	17313	16823	16567
Re-injected	0	0	0	0	0	0	0
Flared	4047	760	730	570	544	472	556
Net Production	10035	17705	17637	17235	16769	16351	16011
% Flared to GP	28.74	4.12	3.97	3.20	3.14	2.81	3.36
PRIVATE/JVCs							
Gross Production	0	3287	4296	5184	5356	5801	5909
Re-injected	0	0	0	0	0	0	0
Flared	0	105	82	74	106	132	124
Net Production	0	3182	4214	5110	5250	5669	5785
% Flared to GP	0.00	3.19	1.91	1.43	1.98	2.28	2.10
TOTAL (A&B)							
Gross Production	17998	29477	31389	31962	31763	32202	31747
Re-injected	102	0	0	0	0	0	0
Flared	5130	1617	1426	1056	988	877	956
Net Production	12766	27860	29963	30906	30775	31325	30791
% Flared to GP	28.50	5.49	4.54	3.30	3.11	2.72	3.01

*: Provisional

@ : Including Nagaland, Arunachal Pradesh and Rajasthan

Note: Exploration activities were suspended by ONGC in Nagaland w.e.f. 5th May 1994.

Source: ONGC, OIL and DGH.

TABLE-12. INDUSTRY-WISE OFFTAKES OF NATURAL GAS IN INDIA

	(Million Cubic Metre)						
INDUSTRY	1990-91	2000-01	2002-03	2003-04	2004-05	2005-06	2006-07*
1	2	3		5	6	7	8
(a) ENERGY PURPOSES:							
1. Power Generation	3634	8801	10510	11478	12099	11878	11963
2. Industrial Fuel	827	2870	2939	3099	3569	3780	3205
3. Tea Plantation	89	151	119	142	142	151	170
4. Domestic Fuel	50	335	654	93	343	75	443
5. Captive use/LPG Shrinkage	1775	5004	5409	4865	4944	5048	5034
6. Others	0	38	136	1263	231	1120	40
Total (a)	6375	17199	19767	20940	21328	22052	20855
(b) NON-ENERGY PURPOSES:							
1. Fertilizer Industry	5612	8480	7955	7889	8173	7762	8497
2. Petro-Chemicals	409	779	1027	1128	1236	1175	1377
3. CNG	0	0	0	1	0	0	0
4. Others	370	1402	1215	948	38	36	639
Total (b)	6391	10661	10197	9966	9447	8973	10513
Grand Total (a+b)	12766	27860	29964	30906	30775	31025	31368
Percentage to Grand Total							
Energy Purposes	49.9	61.7	66.0	67.8	69.3	71.1	66.5
Non-Energy Purposes	50.1	38.3	34.0	32.2	30.7	28.9	33.5

Note: Excludes gas supplied to IGL, MGL, Bhagyanagar Gas, TNGCL, BMC & GGCL and sponge iron use.

Source: ONGC, OIL, DGH and GAIL.

*: Provisional.

TABLE-13. INSTALLED CAPACITY AND REFINERY CRUDE THROUGHPUT

Refinery / Location	Installed Capacity		Refinery Crude Throughput						
	as on		1990-91	2000-01	2002-03	2003-04	2004-05	2005-06	2006-07*
	1.4.2006	1.4.2007							
	1	2	3	4	5	6	7	8	9
(a) PUBLIC SECTOR	99468	105468	51772	77411	82015	89495	93107	96946	108172
IOC, Guwahati, Assam	1000	1000	783	707	458	891	1002	864	839
IOC, Barauni, Bihar	6000	6000	2416	3122	2994	4304	5082	5553	5469
IOC, Koyali, Gujarat	13700	13700	9334	12006	12434	12758	11698	11543	12953
IOC, Haldia, West Bengal	6000	6000	2835	3873	4513	4518	5418	5502	5836
IOC, Mathura, Uttar Pradesh	8000	8000	7808	7133	8207	8248	6387	7938	8883
IOC, Digboi, Assam	650	650	566	678	581	602	651	615	586
IOC, Panipat, Haryana	6000	12000	\$ 0	5707	6101	6338	6390	6507	9435
Total IOC	41350	47350	23742	33226	35288	37659	36628	38522	44001
BPCL, Mumbai, Maharashtra	12000	12000	6957	8683	8711	8757	9138	10298	12030
HPCL, Mumbai, Maharashtra	5500	5500	5766	5575	6078	6108	6118	6249	7419
HPCL, Visakh, Andhra Pradesh	7500	7500	3464	6405	6851	7591	8121	7980	9377
Total HPCL	13000	13000	9230	11980	12929	13699	14239	14229	16796
KRL, Kochi, Kerala	7500	7500	5006	7520	7580	7854	7924	6939	7742
CPCL, Manali, Tamil Nadu	9500	9500	5698	6046	6176	6387	8181	9680	9784
CPCL, Narimanam, Tamil Nadu	1000	1000	0	579	643	653	742	682	618
Total CPCL	10500	10500	5698	6625	6819	7040	8923	10362	10402
BRPL, Bongaigaon, Assam	2350	2350	1139	1488	1463	2126	2311	2356	2067
NRL, Numaligarh, Assam	3000	3000	0	1451	1879	2200	2042	2133	2504
ONGC, Tatipaka, Andhra Pradesh	78	78	0	0	93	91	93	93	94
MRPL, Mangalore, Karnataka	9690	9690	0	6438	7253	10069	11809	12014	12536
(b) PRIVATE SECTOR	33000	43500	0	26033	30544	32345	34309	33163	38379
RPL, Jamnagar, Gujarat	33000	33000	0	26033	30544	32345	34309	33163	36616
ESSAR Oil Ltd. Vadinar	>	10500							1763
Total (a+b)	132468	148968	51772	103444	112559	121840	127416	130109	146551

*: Provisional

Source: Public Sector Undertakings / Private Company.

Note:

1) CPCL and BRPL are subsidiaries of IOC.

2) KRL and NRL are subsidiaries of BPCL.

3) MRPL is subsidiary of ONGC.

>: Commissioned on 24.11.2006

\$: Increased installed capacity on 12 January,2007

TABLE-14. PRODUCTION OF PETROLEUM PRODUCTS

	('000' Tonne)						
PRODUCTS	1990-91	2000-01	2002-03	2003-04	2004-05	2005-06	2006-07*
1	2	3	4	5	6	7	8
<u>(a) From Crude Oil</u>							
1. Light Distillates	10023	25048	28619	31971	32865	32427	38104
of which							
LPG	1221	4088	4903	5348	5570	5525	6315
Mogas	3552	8070	10361	10999	11057	10502	12539
Naphtha	4859	9908	9650	11317	14100	14509	16660
Others ^{LD}	391	2982	3705	4307	2138	1891	2590
2. Middle Distillates	26344	52445	55937	60018	62509	64432	71225
of which							
Kerosene	5471	8714	10028	10187	9298	9078	8491
ATF/RTF/Jet A-1	1801	2513	3053	4289	5201	6196	7805
HSD	17185	39052	40207	43316	45903	47572	53465
LDO	1509	1481	2079	1659	1546	923	803
Others ^{MD}	378	685	570	567	561	663	661
3. Heavy Ends	12195	18121	19584	21474	23205	22891	25931
of which							
Furnace Oil	4879	6479	7529	8737	10560	10320	12325
LSHS/HHS/RFO	4550	4913	4638	4635	4410	3985	3372
Lube Oils	561	684	684	666	646	677	825
Bitumen	1603	2721	2941	3397	3349	3576	3891
Petroleum Coke	229	2473	2659	2743	3162	3182	3779
Paraffin Wax	49	51	42	53	64	63	63
Others ^{Waxes}	46	61	3	0	4	3	-2
Others ^{HE}	278	739	1088	1243	1010	1085	1678
Total (1+2+3)	48562	95614	104140	113463	118579	119750	135260
<u>(b) From Natural Gas</u>							
LPG	929	2045	2370	2320	2240	2185	2093

*: Provisional

LD: Includes Propylene, C-3, Propane, Hexane, Special Boiling Point Spirit, Benzene, Toluene, Petroleum Hydro Carbon Solvent, Natural Heptane, Methyl Tertiary Butyl Ether, Poly Isobutene, Poly Butadine Feed Stock and Methyl Ethyl Keetone Feed Stock.

MD: Includes Mineral Turpentine Oil, JP-5, Linear Alkyl Benzene Feed Stock, Aromex, Jute Batching Oil, Solvent 1425, Low Sulphur Heavy Fuel HSD, Desulphurisation Hydrocracker Bottom and Special Kerosene.

HE: Includes Carbon Black Feed Stock, Sulphur, Solar Oil, Light Aluminium Rolling Oil and Extracts.

TABLE-15. IMPORTS / EXPORTS OF CRUDE OIL AND PETROLEUM PRODUCTS

(Qty : '000' Tonne, Value : Rs.Crore)

ITEM	2003-04		2004-05		2005-06		2006-07*	
	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value
1	2	3	4	5	6	7	8	9
GROSS IMPORTS								
A. Crude Oil	90434	83528	95861	117003	99409	171702	110858	219991
B. Petroleum Products								
I.Light Distillates	4529	6034	5391	9973	6074	14514	8651	23097
1. LPG	1708	2558	2334	4413	2719	6579	2288	5782
2. MS	0	0	233	501	485	1283	421	1326
3. Naphtha	2371	2884	2214	4029	2473	5735	5474	14870
4. Propane/MTBE	450	592	610	1030	397	917	468	1119
II.Middle Distillates	906	1015	1027	2047	1615	3948	2344	6814
1.ATF	2	9	3	14	2	11	2	17
2.SKO	804	890	210	429	881	2214	1424	4250
3.HSD	100	116	814	1604	732	1723	918	2547
III.Heavy Ends	2566	2674	2410	2868	3988	7113	5971	10478
1.FO / LSHS	953	810	741	692	789	1099	986	1487
2.Lubes / Others ^{HEI}	1613	1864	1669	2176	3199	6014	4985	8991
Total(B)	8001	9723	8828	14888	11677	25575	16966	40389
Grand Total(A+B)	98435	93251	104689	131891	111086	197277	127824	260380
EXPORTS								
Petroleum Products								
I.Light Distillates	5448	7100	6288	11512	7565	17032	12296	32647
1.LPG	0	0	145	306	53	164	86	287
2.MS	2979	4021	2897	5625	2273	5579	3696	10538
3.Naphtha	2176	2653	2926	5030	4996	10674	8308	21205
4.TAME	83	117	0	0	10	25	0	0
5.Reformate	210	309	320	551	233	590	206	617
II.Middle Distillates	7841	8713	9973	16690	11366	26152	15457	40883
1.SKO	0	0	207	460	121	371	150	541
2.HSD/LDO	6181	6763	7286	11782	8464	18798	11645	30045
3.ATF	1660	1950	2480	4448	2781	6983	3662	10297
III.Heavy Ends	1331	968	1950	1726	2576	3536	4641	6642
1.FO/LSHS	1310	928	1792	1517	1801	2246	3759	4988
2.VGO/Lubes	17	36	102	137	701	1205	295	600
3.Coke/Bitumen/ White Oil/Paraffin	4	4	56	72	74	85	587	1054
Total	14620	16781	18211	29928	21507	46720	32394	80172
NET IMPORTS								
A. Crude Oil	90434	83528	95861	117003	99409	171702	110858	219991
B. Pol.Products	-6619	-7058	-9383	-15040	-9830	-21145	-15428	-39783
Grand Total	83815	76470	86478	101963	89579	150557	95430	180208

TAME: Tertiary Amyl Methyl Ether.

*: Provisional.

HEI: Includes Bitumen, Lube Oil Base Stock, Low Sulphur Waxy Residue, Carbon Black Feed Stock, Rubber Processing Oil and Paraffin Wax.

Source: Petroleum Planning & Analysis Cell, New Delhi.

TABLE 16. SALES OF PETROLEUM PRODUCTS

		('000' Tonne)									
Products	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07*	
	1	2	3	4	5	6	7	8	9	10	11
1 Light Distillates	17866	20531	24531	29314	29618	31755	34335	35201	33660	36878	
of which											
LPG	4803	5352	6421	7016	7728	8351	9305	10245	10456	10854	
Mogas	5182	5507	5909	6613	7011	7570	7897	8251	8647	9286	
Naphtha	6590	8891	10801	11673	11728	11929	11868	13993	12194	12740	
NGL	768	330	91	6	27	32	0	0	0	0	
Others	523	451	1309	4006	3124	3873	5265	2712	2363	3998	
2 Middle Distillates	50903	53330	55434	53467	51439	52065	52023	53907	54423	57559	
of which											
SKO	11065	12243	11898	11307	10432	10405	10230	9395	9541	9505	
ATF	2108	2112	2197	2249	2256	2269	2484	2813	3296	3975	
HSDO	36071	37217	39295	37958	36546	36644	37074	39650	40191	42866	
LDO	1235	1278	1512	1399	1592	2063	1619	1477	883	720	
Others	424	480	532	554	613	684	616	572	512	493	
3 Heavy Ends	15521	16701	17121	17293	19375	20306	21393	22526	25129	25117	
of which											
Furnace Oil @	7168	7973	7690	7664	8451	8027	8312	9136	8921	9269	
LSHS/HHS	4323	4537	4763	4989	4531	4711	4633	4404	3904	3361	
Lubes/Greases	1081	1097	1243	1115	1137	1250	1427	1348	2081	1766	
Bitumen	2178	2412	2879	2774	2584	2986	3373	3339	3508	3829	
Petroleum Coke	227	393	328	448	1798	2563	2877	3129	4928	4864	
Paraffin Wax	28	36	53	43	45	41	41	80	268	189	
Other Waxes	45	76	89	62	51	13	20	0	105	58	
Others	471	177	76	198	778	715	710	1090	1414	1781	
TOTAL	84290	90562	97086	100074	100432	104126	107751	111634	113212	119554	
Refinery Fuel	3514	3700	5544	6900	7273	7650	8240	8537	9141	10920	
Grand Total	87804	94262	102630	106974	107705	111776	115991	120171	122353	130474	

*: Provisional.

Note : 1994-95 onwards total & product-wise consumption includes private sales also.

@ : LSHS sales by pvt. parties included in FO. Break-up to these two products is not available.

**TABLE-17. AVERAGE ANNUAL COMPOUND GROWTH RATES
OF SALES OF PETROLEUM PRODUCTS**

PRODUCTS	(Percentage)						
	1974-79 V Plan	1979-80 Annual	1980-85 VI Plan	1985-90 VII Plan	1992-97 VIII Plan	1997-02 IX Plan	2002-07 X Plan
1	2	3	4	5	6	7	8
LPG	8.7	0.5	18.4	18.9	10.0	12.6	8.2
MS	-0.1	-0.6	6.9	10.9	6.8	7.2	7.3
Naphtha	10.4	-4.1	5.3	1.4	6.4	20.1	-3.5
Others	-1.7	-8.7	1.2	14.2	7.2	38.7	N.A.
Light Distillates	5.6	-2.7	7.2	8.3	7.5	15.3	N.A.
ATF	8.2	-0.9	3.2	5.8	6.7	0.9	3.2
SKO	3.7	-2.0	9.0	6.7	3.9	0.5	0.0
HSD	9.8	13.5	6.9	8.6	9.1	0.9	5.6
LDO	-1.0	4.1	-1.1	4.4	-3.5	5.4	0.0
Others	0.0	12.3	0.2	3.0	8.8	5.2	N.A.
Middle Distillates	6.7	7.6	6.6	7.7	7.4	1.0	N.A.
Lubes	-2.3	4.0	3.2	6.9	1.7	2.3	4.7
FO/LSHS	2.4	6.2	2.3	2.1	4.6	2.4	2.6
Bitumen	-2.4	13.4	-2.6	12.6	5.9	2.6	3.0
Others	1.6	16.6	5.5	8.5	4.9	27.6	N.A.
Heavy Ends	1.5	7.3	2.0	4.0	4.6	4.4	N.A.
Total Sales	4.8	5.8	5.4	6.9	6.8	4.9	3.7

N.A. : Not Available.

Note : Growth rates are based on consumption including private parties imports .

Source: Petroleum Planning & Analysis Cell.

TABLE-18. MARKETING OF PETROLEUM PRODUCTS BY OIL COMPANIES

Item	Unit	1990-91	2000-01	2002-03	2003-04	2004-05	2005-06	2006-07*
1	2	3	4	5	6	7	8	9
1.Total Sales (excl. RBF)	Mn. Tonne	55.04	100.07	104.13	107.75	111.63	113.21	119.55
2. Percentage Share								
IOC/AOD	%	57.1	47.8	44.5	43.4	43.0	40.8	40.6
BPCL	%	18.9	19.4	19.1	18.8	18.5	18.1	18.8
HPCL	%	19.2	17.9	17.5	17.2	17.1	16.2	16.5
Others (PSUs)	%	4.8	4.8	5.5	6.1	6.2	5.9	5.7
Private Parties	%	Nil	10.1	13.4	14.5	15.2	19.0	18.4
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0

*: Provisional

RBF : Refinery Boiler Fuel

Source: Petroleum Planning & Analysis Cell.

TABLE-19. STATE-WISE AND COMPANY-WISE RETAIL OUTLETS

State / UT	As on 1.4.2007					(Number)	
	IOCL/ AOD	IBP	HPCL	BPCL	TOTAL (Col.2-5)	Total as on 1.4.2006	
	1	2	3	4	5	6	7
STATES							
Andhra Pradesh	952	363	715	653	2683	2577	
Arunachal Pradesh	39	2	0	1	42	42	
Assam	377	26	61	15	479	458	
Bihar	551	223	227	282	1283	1179	
Chhattisgarh	153	41	140	137	471	431	
Delhi	152	47	95	105	399	394	
Goa	18	3	31	37	89	87	
Gujarat	645	240	393	423	1701	1662	
Haryana	585	224	307	238	1354	1290	
Himachal Pradesh	124	28	62	50	264	231	
Jammu & Kashmir	154	10	96	88	348	312	
Jharkhand	239	67	158	145	609	577	
Karnataka	858	181	474	481	1994	1848	
Kerala	523	192	445	366	1526	1431	
Madhya Pradesh	602	91	350	444	1487	1400	
Maharashtra	913	211	864	970	2958	2827	
Manipur	42	5	0	0	47	43	
Meghalaya	75	9	15	5	104	98	
Mizoram	15	0	2	0	17	15	
Nagaland	37	2	2	2	43	39	
Orissa	351	74	164	231	820	755	
Punjab	922	426	577	521	2446	2261	
Rajasthan	886	131	624	506	2147	1993	
Sikkim	12	2	3	10	27	26	
Tamil Nadu	1038	236	714	712	2700	2572	
Tripura	36	1	0	0	37	37	
Uttar Pradesh	1728	481	870	890	3969	3754	
Uttaranchal	144	35	95	70	344	311	
West Bengal	601	223	376	389	1589	1513	
UNION TERRITORIES							
Andaman & Nicobar	5	0	0	0	5	5	
Chandigarh	18	4	11	10	43	41	
Dadra & Nagar Haveli	7	0	3	1	11	11	
Daman & Diu	6	2	2	3	13	12	
Lakshadweep	0	0	0	0	0	0	
Pondicherry	33	10	33	15	91	78	
Grand Total	12841	3590	7909	7800	32140	30310	

Source: Public Sector Undertakings.

TABLE-20. STATE-WISE AND COMPANY-WISE SKO/LDO DEALERSHIPS

State / UT	As on 1.4.2007					(Number)	
	IOCL/ AOD	IBP	HPCL	BPCL	TOTAL (Col.2-5)	Total as on 1.4.2006	
	1	2	3	4	5	6	7
STATES							
Andhra Pradesh	264	18	246	77	605	605	
Arunachal Pradesh	32	0	0	0	32	32	
Assam	360	1	0	0	361	361	
Bihar	232	52	37	51	372	368	
Chhattisgarh	52	7	39	9	107	107	
Delhi	72	9	23	12	116	116	
Goa	8	0	7	6	21	21	
Gujarat	237	47	127	86	497	497	
Haryana	79	6	41	22	148	148	
Himachal Pradesh	18	0	3	5	26	26	
Jammu & Kashmir	34	1	8	4	47	47	
Jharkhand	49	8	13	16	86	86	
Karnataka	173	11	94	47	325	325	
Kerala	135	1	73	35	244	243	
Madhya Pradesh	148	16	63	52	279	276	
Maharashtra	255	50	260	210	775	775	
Manipur	36	0	0	0	36	36	
Meghalaya	35	0	0	0	35	35	
Mizoram	19	0	0	0	19	19	
Nagaland	19	0	0	0	19	19	
Orissa	97	10	47	25	179	179	
Punjab	121	18	71	34	244	244	
Rajasthan	109	9	103	31	252	252	
Sikkim	10	0	0	2	12	12	
Tamil Nadu	265	5	139	56	465	465	
Tripura	40	0	0	0	40	40	
Uttar Pradesh	369	42	138	149	698	697	
Uttaranchal	41	5	12	14	72	72	
West Bengal	249	65	96	66	476	476	
UNION TERRITORIES							
Andaman & Nicobar	1	0	0	0	1	1	
Chandigarh	6	1	3	2	12	12	
Dadra & Nagar Haveli	1	0	0	1	2	2	
Daman & Diu	3	0	0	2	5	5	
Lakshadweep	0	0	0	0	0	0	
Pondicherry	3	0	5	0	8	8	
Grand Total	3572	382	1648	1014	6616	6607	

Source: Public Sector Undertakings.

TABLE-21. STATE-WISE AND COMPANY-WISE LPG DISTRIBUTORS

State / UT	As on 1.4.2007					(Number)	
	IOCL/ AOD	IBP*	HPCL	BPCL	TOTAL (Col.2-5)	Total as on 1.4.2006	
	1	2	3	4	5	6	7
STATES							
Andhra Pradesh	379	0	303	195	877	868	
Arunachal Pradesh	30	0	0	0	30	29	
Assam	227	0	9	15	251	249	
Bihar	188	0	51	66	305	301	
Chhattisgarh	82	0	42	27	151	146	
Delhi	194	0	45	76	315	312	
Goa	8	0	28	17	53	52	
Gujarat	313	0	118	109	540	546	
Haryana	145	0	56	81	282	281	
Himachal Pradesh	88	0	19	13	120	114	
Jammu & Kashmir	76	0	62	16	154	151	
Jharkhand	87	0	26	27	140	137	
Karnataka	215	0	162	111	488	486	
Kerala	200	0	74	100	374	373	
Madhya Pradesh	296	0	143	131	570	561	
Maharashtra	231	0	399	367	997	1001	
Manipur	31	0	0	0	31	31	
Meghalaya	32	0	0	0	32	32	
Mizoram	25	0	0	0	25	25	
Nagaland	27	0	0	0	27	26	
Orissa	78	0	70	37	185	179	
Punjab	253	0	74	98	425	427	
Rajasthan	203	0	115	120	438	439	
Sikkim	7	0	0	0	7	7	
Tamil Nadu	393	0	120	146	659	635	
Tripura	29	0	0	0	29	29	
Uttar Pradesh	701	0	181	279	1161	1145	
Uttaranchal	130	0	23	16	169	161	
West Bengal	294	0	105	74	473	472	
UNION TERRITORIES							
Andaman & Nicobar	4	0	0	0	4	4	
Chandigarh	20	0	5	4	29	29	
Dadra & Nagar Haveli	0	0	1	0	1	1	
Daman & Diu	0	0	2	0	2	2	
Lakshadweep	1	0	0	0	1	1	
Pondicherry	9	0	5	4	18	18	
Grand Total	4996	0	2238	2129	9363	9270	

*: IBP Co. Ltd has been merged with IOCL with effect from 02.05.2007.

Source: Public Sector Undertakings.

TABLE-22. STATE-WISE AND COMPANY-WISE LPG DOMESTIC CONSUMERS

State / UT	As on 1.4.2007					Total
	IOCL/ AOD	IBP*	HPCL	BPCL	TOTAL (Col.2-5)	as on 1.4.2006
	1	2	3	4	5	6
STATES						
Andhra Pradesh	3760	0	4427	2155	10342	9911
Arunachal Pradesh	116	0	0	0	116	105
Assam	1738	0	24	51	1813	1656
Bihar	1589	0	315	350	2254	2093
Chhattisgarh	506	0	327	154	987	897
Delhi	2588	0	551	872	4011	3891
Goa	5	0	244	142	391	375
Gujarat	2888	0	1073	1106	5067	4911
Haryana	1517	0	583	988	3088	2923
Himachal Pradesh	973	0	141	65	1179	1129
Jammu & Kashmir	371	0	824	132	1327	1254
Jharkhand	747	0	162	117	1026	917
Karnataka	2131	0	1835	1259	5225	4953
Kerala	2811	0	751	1484	5046	4710
Madhya Pradesh	2031	0	1078	766	3875	3622
Maharashtra	1402	0	5346	5667	12415	11812
Manipur	206	0	0	0	206	195
Meghalaya	101	0	0	0	101	92
Mizoram	181	0	0	0	181	167
Nagaland	129	0	0	0	129	116
Orissa	514	0	624	257	1395	1296
Punjab	2479	0	882	1045	4406	4189
Rajasthan	1675	0	1032	1154	3861	3650
Sikkim	109	0	0	0	109	104
Tamil Nadu	5413	0	1079	2306	8798	8145
Tripura	238	0	0	0	238	204
Uttar Pradesh	5794	0	1361	2533	9688	9163
Uttaranchal	1188	0	71	169	1428	1364
West Bengal	3193	0	969	645	4807	4447
UNION TERRITORIES						
Andaman & Nicobar	51	0	0	0	51	49
Chandigarh	201	0	66	46	313	312
Dadra & Nagar Haveli	0	0	30	0	30	28
Daman & Diu	0	0	26	14	40	26
Lakshadweep	3	0	0	0	3	3
Pondicherry	106	0	91	37	234	211
GRAND TOTAL	46754	0	23912	23514	94180	88920

*: IBP Co. Ltd has been merged with IOCL with effect from 02.05.2007.
Source: Public Sector Undertakings.

TABLE-23. CNG ACTIVITIES IN INDIA AS ON 1.4.2007

Item	Delhi	Maharashtra	Gujarat			Utter Pradesh			Andhra Pradesh	Tripura		Grand Total
	Delhi	Maharashtra	Vado-dara	Surat	Ankle-shwar	Lucknow	Agra	Kanpur	Vijaywada	Hyderabad	Agartala	
	IGL	MGL	GAIL	GGCL	GGCL	GAIL	GAIL	GAIL	GAIL	GAIL	GAIL	
1	2	3	4	5	6	7	8	9	10	11	12 13(4-12)	14

Station Type

Mother	67	4	1 @	0	0	1	1	1	1	0	1	1	72
Online	42	110	0	18	2	0	0	3	0	0	0	20	172
Daughter Booster	38	13	1 @	0	0	3	2	0	4	2	0	1	52
Daughter	6	0	0	0	0	0	0	0	0	1	0	0	6
Total	153	127	2	18	2	4	3	4	5	3	1	22	302

No. of Vehicles

Cars\$	41079	52252	700	10279	1717	86	105	50	222	67	1	13227	106558
Autos	70976	124487	2500	33036	2387	3487	3850	1639	711	300	40	47950	243413
LCV/RTVs	5374	1523	0	0	0	26	0	0	0	0	0	26	6923
Buses	11200	592	22 *	119	17	65	64	178	3	2	0	470	12262
Others/Phatphat	350	866	0	371	31	1552	29	3230	4	2	0	5219	6435
Total	128979	179720	3222 *	43805	4152	5216	4048	5097	940	371	41	66892	375591

Price (Rs./Kg)	19.20	22.06/22.51/22.81 #	24.64/23.69 &	24.80	24.80	27.00	28.00	27.00	23.20	30.00	22.50		
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Average Consumption

TPD	1001.00	673.23	15.92	108.2	13.5	27	16.92	22.44	2.84	1.25	0.105		
MMSCMD	1.331	0.95	0.021	0.16	0.02	0.039	0.023	0.032	0.004	0.002	0.0001		

MMSCMD: Million Standard Cubic Metres Per Day TPD : Tonnes per day

@: Earlier, the Daughter Station was being fed from Mother Compressor at Vaghodia. However, an online station was commissioned for supply of CNG at GSFC, Vadodara in the month of November, 2005 and it has been upgraded to mother cum online station from 1st April, 2006.

\$: Includes taxies.

*: Buses are registered at Gandhinagar but taking CNG at Vadodara CNG Station.

#: Mumbai/Thane/Mira Bhayander.

NA: Not Available.

&: Price at Daughter Booster Station / Mother Station.

Source:

1. IGL : Indraprastha Gas Ltd.
2. MGL : Mahanagar Gas Ltd.
3. GGCL : Gujarat Gas Company Ltd.
4. GAIL : GAIL (India) Ltd. Vadodara
5. Bhagyanagar Gas Limited(BGL) Vijaywada
Hyderabad
6. Green Gas Limited(GGL) Lucknow
Agra
7. Central UP Gas Ltd.(CUGL) Kanpur
8. Tripura Natural Gas Company Ltd. Agartala

Conversion factors:

- 1 Kg = 1.313 SCM of gas
- 1 Kg = 1.42 SCM of gas
- 1 Kg = 1.45 SCM of gas
- 1 Kg = 1.32 SCM of gas
- 1 Kg = 1.28 SCM of gas
- 1 Kg = 1.28 SCM of gas
- 1 Kg = 1.44 SCM of gas
- 1 Kg = 1.35 SCM of gas
- 1 Kg = 1.44 SCM of gas
- 1 Kg = 1.35 SCM of gas

TABLE-24. GROWTH IN LPG MARKETING IN THE COUNTRY

Item	UNIT	1990-91	2002-03	2003-04	2004-05	2005-06	2006-07*
1	2	3	4	5	6	7	8
Consumption (PSU/Pvt.)	(TMT)	2415	8351	9305	10232	10409	10845
LPG Customers (PSUs) @	(Lac)	169.8	700	772	845	889	942
LPG Distributors (PSUs) @	(No.)	3930	7910	8325	9001	9270	9363
LPG Markets (PSUs) @	(No.)	1669	3438	3669	4105	4288	4359
Enrolment	(Lac)	6.30	67.1	78.1	73.0	44.9	53.9
Indigenous Production (PSU/Pvt)	(TMT)	2150	7273	7668	7810	7710	8408
of which							
(a) Refineries	(TMT)	1221	4903	5348	5570	5525	6315
(b) Fractionators	(TMT)	929	2370	2320	2240	2185	2093
Imports (PSU/Pvt.)	(TMT)	329	1073	1708	2334	2719	2288
Bottling Capacity @	(TMTPA)	2503	6840	7402	7702	8122	8448

*: Provisional

@: Year end position.

Source: Public Sector Undertakings.

TABLE-25. DETAILS OF SUBSIDIES BY THE CENTRAL GOVERNMENT

(Rs. Crore)							
Item	1991-92	1994-95	2002-03	2003-04	2004-05	2005-06	2006-07
							RE
1	2	3	4	5	6	7	8
I. Total Central Govt. Subsidies	12253	11854	43533	44323	45957	47520	53463
Food	2850	5100	24176	25181	25798	23077	24204
Other subsidies	9403	6754	19357	19142	20159	24443	29259
II. Pol Products@	4175	6560	5225	6351	2957	2683	2785
III. Total Subsidy (I+II)	16428	18414					
IV. Pol Subsidy as % of Total Subsidy	25.41	35.63	12.00	14.33	6.43	5.65	5.21

@: These do not form part of Govt. Budget upto 2001-02.

RE : Revised Estimate.

Source: Ministry of Finance.

TABLE-26. SUBSIDIES ON MAJOR PETROLEUM PRODUCTS

PRODUCT	(Rs.Crore)						
	1993-94	1994-95	2002-03	2003-04	2004-05	2005-06	2006-07
	(.....Post APM.....)						
1	2	3	4	5	6	7	8
Kerosene- Domestic use (PDS)	3773	3740	3018	2018	979	976	967
(Rs./Litre)	N.A.	N.A.	2.45	N.A.	N.A.	N.A.	N.A.
HSD	575	430	0	0	0	0	0
LPG - Packed- Domestic	1261	1410	3691	2783	1468	1520	1568
(Rs./Cyl)	N.A.	N.A.	67.75	N.A.	N.A.	N.A.	N.A.
Naphtha/FO/LSHS-Fertiliser use	772	850	0	0	0	0	0
Bitumen-Packed	126	110	0	0	0	0	0
Paraffin Wax	89	20	0	0	0	0	0
Total	6596	6560	6709	4801	2447	2496	2535

Source: Petroleum Planning & Analysis Cell.

N.A.: Not Available.

TABLE-27. RETAIL SELLING PRICES OF SELECTED PETROLEUM PRODUCTS IN METROPOLITAN CITIES IN INDIA

Cities/Town	MS (.....Rs./Litre.....)	HSDO	SKO	LDO\$ (.....Rs./KL.....)	FO\$	LPG (Rs. Per 14.2 Kg Cylinder)	(.....ATF.....) Domestic Airlines*	I'national Airlines (.....Rs./KL.....)
1	2	3	4	5	6	7	8	9
As on 31.3.2006						14.3.2006	31.3.2006	31.3.2006
Mumbai	49.16	37.57	9.05	29827.59	23412.95	297.95	28766.23	26390.00
Kolkata	46.90	32.87	9.34	31821.90	24241.82	300.50	31567.07	27979.53
Delhi	43.49	30.45	9.05	30038.58	N.A.	294.75	29162.80	26774.65
Chennai	47.49	33.72	8.39	33626.99	25073.29	288.15	29623.38	26170.48
As on 1.10.2006								
Mumbai	52.71	39.68	9.05	32627.99	20010.59	297.95	33363.03	30630.00
Kolkata	51.07	34.96	9.30	34734.32	20847.78	300.50	36670.17	32187.64
Delhi	46.85	32.25	9.05	32837.69	N.A.	294.75	33586.52	30854.62
Chennai	51.83	35.51	8.39	36738.55	21405.02	288.15	34053.00	30255.91
As on 1.4.2007								
Mumbai	48.41	34.96	NA	30692.14	22003.71	298.00	29891.56	37390.00
Kolkata	46.90	32.88	NA	32722.14	21128.32	300.50	33366.70	29100.59
Delhi	42.85	30.25	NA	30899.64	N.A.	294.75	30124.20	27622.93
Chennai	47.48	33.31	NA	34588.27	22637.16	288.10	30606.35	27038.37

*:Posted Airfield Price. Exclusive of sales tax and other levies.

\$: No retail sale.

Source: Indian Oil Corporation Ltd.

N.A. : Not Available.

TABLE-28. WHOLESALE PRICE INDICES OF SELECTED PETROLEUM PRODUCTS

(1993-94 =100)							
Products	Weight(%)	2000-01	2002-03	2003-04	2004-05	2005-06	2006-07*
1	2	3	4	5	6	7	8
Light Distillates							
LPG	1.83731	248.2	284.0	285.5	316.0	334.8	334.8
Petrol	0.88815	154.2	163.4	178.7	203.5	231.1	254.8
Naphtha	0.41885	294.7	256.5	315.6	432.1	530.4	615.9
Middle Distillates							
Kerosene	0.68928	270.2	359.7	359.2	357.9	357.6	357.6
Aviation Turbine Fuel	0.16953	144.2	135.7	149.3	174.1	228.7	262.6
High Speed Diesel Oil	2.02034	228.8	273.5	300.4	360.4	430.4	468.2
Light Diesel Oil	0.16015	232.2	233.0	284.6	366.3	445.3	491.1
Heavy Ends							
Furnace Oil	0.49335	203.5	179.7	227.2	265.5	347.4	393.2
Lubricating Oil	0.16367	142.6	154.7	163.8	189.3	194.5	248.8
Bitumen	0.14900	203.5	207.6	251.2	267.4	288.0	421.7
All commodities	100.00000	155.7	166.8	175.9	187.3	195.6	206.2

Source: Office of the Economic Adviser, Ministry of Commerce & Industry.

*:Provisional.

**TABLE-29. PRICES OF INDIGENOUS CRUDE IN INDIA
WITH RATE OF ROYALTY & OIL DEVELOPMENT CESS**

(Rs./MT)						
Effective date	Basic Price	Royalty	Cess	Basic Rate	S.Tax on Basic Rate	Total
1	2	3	4	5	6	7
upto 13.7.75	713.04 (on import parity basis)					
(A) ONSHORE CRUDE (ON LONG RUN SOCIAL MARGINAL COST BASIS ADOPTED)						
14.07.75	270.04	-	-	270.04	-	270.04
08.09.76	245.42	-	60.00	305.42	-	305.42
16.12.77	203.42	42.00	60.00	305.42	-	305.42
01.04.81	203.42	61.00	60.00	324.42	-	324.42
(B) OFFSHORE CRUDE						
16.12.77	331.65	42.00	60.00	433.65	-	433.65
01.04.81	331.65	61.00	60.00	452.65	-	452.65
(C) OFFSHORE & ONSHORE CRUDE*						
11.07.81	1021.00	61.00	100.00	1182.00	-	1182.00
15.02.83	1021.00	61.00	300.00	1382.00	-	1382.00
01.04.84	1021.00	192.00	300.00	1513.00	5.24	1518.24
01.03.87	1021.00	192.00	600.00	1813.00	17.24	1830.24
01.04.87	1021.00	314.00	600.00	1935.00	22.12	1957.12
01.02.89	1021.00	314.00	900.00	2235.00	34.12	2269.12
01.04.90	1021.00	481.00	900.00	2402.00	40.80	2442.80
16.09.92	1506.00	481.00	900.00	2887.00	115.48	3002.48
01.04.93	1796.00	**539.80	900.00	3235.80	129.43	3365.23
01.04.96	**2094.00	**578.00	900.00	3572.00	142.88	3714.88

* Long run social marginal cost basis given up.

** Provisional.

Note: Impact of increase in price of crude oil royalty and sales tax w.e.f. 1.4.96 works out to around Rs.975 crores (on production QTY basis) for the year 1996-97.

1.4.98 w.e.f. 1.4.98, price of indigenous crude has been linked to weighted average FOB price of actual import of crude with the floor price of Rs. 1991/MT for the basic price payable to ONGC/OIL exclusive of cess of Rs. 900/MT and royalty as per methodology given below. The price is fixed on monthly basis. Upper ceiling of Rs.5570/MT has also been fixed by the Government w.e.f. January 2000. Royalty for the period April'98-May'99 was payable at the rate of Rs.578/MT.

June 1999: Effective June 1999, royalty is being paid based on the revised formula. The methodology for arriving at the well head-value is as under:

i) Royalty amount may be deducted from the selling price after applying 8% debit on this amount to arrive at the well-head value. ii) Cess for the time being may not be deducted from the selling price to arrive at the well-head value of the crude oil. iii) 20% of well-head value would be considered for working out the royalty subject to an upper ceiling of Rs.850/MT w.e.f. 1.12.99. For the period 1.6.99 to 30.11.99 upper ceiling of royalty was Rs.750/MT.

1.4.2002 As per Govt. notification No.79 dated March 28, 2002 the price of indigenous crude oil of ONGC and OIL will be market determined w.e.f. 1.4.2002.

The weighted average crude prices (provisional) of ONGC for 2006-07 are given below:

	Unit	Basic Price	Royalty	Cess	Sales Tax
2006-07 Offshore crude	Rs./MT	17856.41	1813.96	2601.00	823.72
Onshore crude	Rs./MT	14504.31	3110.28	2601	811.52
Offshore and Onshore crude	Rs./MT	16725.42	2251.33	2601	819.6

Note:

2006-07 1. The above prices exclude octroi and BPT charges, which is Rs.303.25 and Rs.26.74 per MT respectively, applicable in case of offshore crude only & crude pipeline charges of Rs.72.30 per MT applicable for onshore crude.

2. Cess includes OIBD Cess of Rs.2500/MT, NCCD of Rs.50/MT and education cess @2% on OIBD Cess and NCCD.

Source: Petroleum Planning & Analysis Cell.

TABLE-30. CONSUMER AND PRODUCER PRICES OF NATURAL GAS

(Rs./'ooo' cubic metre)

Effective Date	Consumer Prices		Transportation charges along HVJ pipeline	Producer Prices			Calorific Value (K. Cal / SCM)
	Off-shore (Landfall point) and On-shore	For North-Eastern States		ONGC	ONGC (NE states)	OIL (NE states)	
1	2	3	4	5	6	7	8
01.04.2002	2850	1700	1150	2116	1700	1900	10000
01.07.2002	2850	1700	1150	2074	1700	1900	10000
01.10.2002	2850	1700	1150	2118	1700	1900	10000
01.01.2003	2850	1700	1150	2132	1700	1900	10000
01.04.2003	2850	1700	1150	2206	1700	1900	10000
01.07.2003	2850	1700	1150	2176	1700	1900	10000
01.10.2003	2850	1700	1150	2240	1700	1900	10000
01.01.2004	2850	1700	1150	2224	1700	1900	10000
01.03.2004	2850	1700	1150	2224	1700	1900	10000
01.04.2004	2850	1700	1150	2137	1700	1900	10000
01.07.2004	2850	1700	1150	2176	1700	1900	10000
01.09.2004	2850	1700	1150	2194	1700	1900	10000
01.10.2004	2850	1700	1150	2120	1700	1900	10000
01.01.2005	2850	1700	1150	2143	1700	1900	10000
01.04.2005	2850	1700	1150	2384	1700	1900	10000
01.07.2005	3200	1920	1150	3168	1920	3168	10000
01.10.2005	3200	1920	1150	3137	1920	3137	10000
01.01.2006	3200	1920	1150	3118	1920	3118	10000
01.04.2006	3200	1920	1150	3200	1920	3200	10000
01.04.2007	3200	1920	1150	3200	1920	3200	10000

Note:

- The consumer prices are exclusive of Royalty, Sales Tax and other Statutory Levies. Producer prices are exclusive of Royalty.
- w.e.f. 01.10.1997 gas price along HVJ pipeline includes Rs.1150 per 1000 SCM towards transportation charges. The transportation charges along HVJ pipeline are being increased by 1% for every 10% increase in CPI and are linked to the calorific value of 8500 K.Cal/SCM.
- Actual producer price of OIL & ONGC for sales in North-Eastern Region is Rs.1700/MCM at 10000 Kcal/SCM. However, as per Gas Pricing Order dt. 18th September 1997, for concessional price in the North-East, OIL is to be compensated from the Gas Pool Account, at a producer price of Rs.1900/MCM. The producer price of OIL increases by 1% for every 10% increase in CPI.
- The discount of Rs.400 per 1000 SCM was applicable in case of gas price for North - Eastern States upto 30.09.1997 and at Rs. 300 per 1000 SCM w.e.f. 01.10.1997 for ONGC had withdrawn this discount from Tripura w.e.f. 1.4.2002 and from Assam w.e.f. October 2002.
- Other than HVJ pipeline, GAIL/transporters are permitted to negotiate transportation charges with the consumers.
- W.e.f. 1.7.2005, the price of natural gas has been revised for Power, Fertiliser Sector, small consumers having allocation upto 0.05 MMSCMD and consumers drawing gas under Supreme Court Orders vide pricing order dated 20.6.2005. The revised price is Rs.3200/MCM.

Source: Petroleum Planning & Analysis Cell.

**TABLE-31. SALES TAX RATES ON CRUDE OIL,
NATURAL GAS AND MAJOR PETROLEUM PRODUCTS
AS ON 1.4.2007**

STATE	Crude Oil	Natural Gas	CNG	MS	HSD	SKO Domestic	LPG Domestic	FO	LDO	Lubes/Greases	Naphtha	(Percentage)	
												ATF Bonded/Duty Paid	Asphalt/Bitumen
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Andhra Pradesh	4	12.5	16	33	22.25	4/12.5 *	4/12.5 *	12.5	22.25	12.5	12.5	0/33	4
Arunachal Pradesh	12.5	20		20	12.5	NA/12.5 *	4/12.5 *	12.5	12.5	12.5	12.5	20/20	
Assam	4	20	12	25.75	15.5	2/12.5 *	4/12.5 *	12.5	15.5	12.5	12.5	0/22	22
Bihar	4	20		27	22	12.5/12.5 *	4/12.5 *	12.5	20	12.5	12.5	0/29	12.5
Chandigarh		8	8	22	12.5	4/12.5 *	4/12.5 *	12.5	12.5	NA	12.5	NA/20	4
Chhattisgarh	4	12.5	8	25	25	4/12.5 *	4/12.5 *	4	25	12.5	12.5	0/25	4
Delhi	4	20	8	20	12.5	4/12.5 *	4/4 *	20	12.5	20	20	0/20	4
Goa	20	12.5	8	22	21	4/12.5 *	4/12.5 *	12.5	20	12.5	20	0/20	4
Gujarat	4	12.5	4	26	24	0/25 *	4/12.5 *	4	12.5	15	16	38/30	4
Haryana	4	12.5	10	20	12	4/12.5 *	4/12.5 *	12.5	12	12.5	12.5	0/20	4
Himachal Pradesh	4	12.5	8	25	14	0/12.5 *	4/12.5 *	12.5	14	12.5	12.5	0/25	4
Jammu & Kashmir		20	20	20	12	4/4 *	4/12.5 *	4	20	12.5	12.5	0/20	4
Jharkhand	4	12.5		20	20	4/12.5 *	4/12.5 *	12.5	20	12.5	12.5	0/20	4
Karnataka	4	12.5	12	28	20	4/12.5 *	4/12.5 *	12.5	20	12.5	12.5	0/28	5
Kerala	4	12.5	28	29.01	24.69	4/12.5 *	4/12.5 *	12.5	41	12.5	12.5	0/25	4
Madhya Pradesh	4	12.5	8	28.75	28.75	4/12.5 *	4/12.5 *	12.5	12.5	12.5	12.5	0/28.75	4
Maharashtra	4/12.5	12.5	13	27%+Rs1/-	28 \$	4/12.5 *	4/12.5 *	12.5	12.5	12.5/13	12.5	30/25	12.5
Manipur	4			18.25	11.71	0/4 *	4/12.5 *	12.5	11.71	12.5	12.5	20/20	4
Meghalaya		20		20	12.5	0/12.5 *	4/12.5 *	12.5	12.5	12.5	12.5	20/20	4
Mizoram	4			20	12	0	4	NA	NA	NA	NA	NA	NA
Nagaland	4	12	12	20	12	0/15 *	4/12.5 *	12	12	12	12	20/20	12
Orissa	12.5			20	20	4/12.5 *	4/12.5 *	12.5	20	12.5	12.5	0/20	4
Punjab		8	8	27.5	8.8	4/12.5 *	4/12.5 *	12.5	8.8	12/5	12.5	20	4
Pondicherry				12.5	12.5	0/NA *	1/12.5 *	12.5	12.5	12.5	12.5	12.5/12.5	1
Rajasthan	4	4	12	28	20	4/12.5 *	4/12.5 *	4	20	12.5	4	0/28	4
Sikkim				20	12.5	0/12.5 *	4/12.5 *	12.5	12.5	12.5	12.5	12.5/12.5	4
Silvassa				20	20	4/12.5 *	0/12.5 *	20	20	0	20	0/20	4
Tamil Nadu	4	4/12.5	8	30	23.43	4/25 *	4/12.5 *	16	25	12.5	12.5	0/29	12
Tripura	4	12.5		20	12.5	4/12.5 *	4/12.5 *	12.5	12.5	12.5	12.5	20/20	4
Uttar Pradesh	4	20	10	25+1	21+1	10+1 *	4/10+1 *	20+1	21+1	20+1	20+1	1/20+1	20+1
Uttaranchal	4	12.5	10	25	21	12.5/12.5 *	4/12.5 *	12.5	21	12.5	12.5	0/20	4
West Bengal	4			25	17	8/25 *	4/12.5 *	16.5	17	12.5	8	25/25	4

\$: Within municipal limits of "Mumbai, Thane & Navi Mumbai" / Other areas.

*: Household / Others.

Note: Above tax excludes other taxes payable / recoverable as on 1.4.2006.

Source: Public Sector Undertakings.

!: VAT on Natural Gas sold to Tamil Nadu Electricity board is 4%

**TABLE-32. REALISATION OF EXCISE AND CUSTOM DUTIES
FROM CRUDE OIL AND PETROLEUM PRODUCTS**

(Rs.Crore)								
PRODUCTS	1990-91	1999-00	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07*
(.....ACTUALS.....)								
1	2	3	4	5	6	7	8	9
A. EXCISE DUTIES								
1. Motor Spirit	1202	5018	8501	11563	12575	13792	17554	18303
2. Kerosene Oil	255	249	699	1390	1700	1273	212	236
3. Refined Diesel Oil	693	6769	11028	10570	13470	14455	21773	24672
4. Diesel Oil (NES)	35	1233	1179	1038	992	1246	505	389
5. Furnace Oil	49	616	779	971	822	996	1756	1877
6. Pol. Products (NOS)	421	2715	2878	3483	2906	3711	4623	4919
7. Petroleum Gases	66	359	1542	2445	2552	2424	319	454
8. Cess on crude oil	2757	3243	2731	4501	5134	5248	5007	7034
Total (A)	5478	20202	29337	35961	40151	43145	51749	57884
B. CUSTOM DUTIES								
1. Crude Petroleum	3145	6257	4818	6820	7491	9761	7158	7583
2. Petroleum Products	920	6203	1949	2346	3091	3489	4236	6426
Total (B)	4065	12460	6767	9166	10582	13250	11394	14009
Grand Total (A+B)	9543	32662	36104	45127	50733	56395	63143	71893

Figures rounded to nearest crore.

*: Provisional

**TABLE-33. NUMBER OF PERSONS EMPLOYED IN PETROLEUM INDUSTRY
AS ON 1ST APRIL OF EACH YEAR**

SECTOR	1990	2000	2002	2003	2004	2005	2006	2007
1	2	3	4	5	6	7	8	9
1. Exploration & Production	56477	50942	49540	48237	44943	41415	39694	38948
2. Refining	25751	27019	25322	26451	25640	26859	30262	28151
3. Marketing	36261	41110	41865	40561	40232	40628	43317	42970
4. Pipelines	3189	4180	4094	4092	3829	7318	7816	7510
5. Research & Development	@	2858	2797	2330	2278	2096	2071	2029
6. Others	8268	13293	9992	8256	9780	15055	15151	15707
Total	129946	139402	133610	129927	126702	133371	138311	135315

@: Included in others.

Source: Public Sector Undertakings.

**TABLE 34. PROJECTED PRODUCTION OF CRUDE OIL AND NATURAL GAS
DURING THE TENTH PLAN (2002-07)**

Company	2002-03	2003-04	2004-05	2005-06	2006-07	TOTAL
1	2	3	4	5	6	7
Production of Crude Oil (MMT)						
ONGC	25.90	25.99	26.38	26.19	25.56	130.02
OIL	3.50	3.60	3.75	3.85	4.00	18.70
Joint Venture / Private Companies	3.68	3.55	3.53	3.08	2.68	16.52
Total	33.08	33.14	33.66	33.12	32.24	165.24
Actual Production	33.04	33.37	33.98	32.19	33.99	166.57
Production of Natural Gas						
	(.....MMSCMD.....)					(BCM)
ONGC	65.50	63.37	62.22	58.83	57.03	112.10
OIL	6.01	6.41	6.61	7.69	7.80	12.61
Joint Venture / Private Companies	15.05	19.31	26.62	26.62	29.40	42.72
Total	86.56	89.09	95.45	93.14	94.23	167.43
Actual Production	86.00	87.33	87.02	88.22	86.98	159.06

Source: Draft Tenth Five Year Plan Document.

TABLE 35. PROJECTED PETROLEUM PRODUCT AVAILABILITY DURING THE TENTH PLAN

(‘000’ Tonne)

Product	2002-03	2003-04	2004-05	2005-06	2006-07	TOTAL
1	2	3	4	5	6	7
Light Distillates	34293	37057	38913	38811	38405	187479
LPG	7545	7989	8823	8749	8635	41741
MS	10478	10994	11470	11676	11580	56198
Naphtha	11878	13447	13753	13521	13333	65932
Others	4392	4627	4867	4865	4857	23608
Middle Distillates	66251	72144	78523	78976	78296	374190
ATF	3621	4367	4763	4787	4717	22255
SKO	13966	14656	15062	15110	14944	73738
HSD	47258	51921	57625	58007	57593	272404
LDO	877	701	570	570	545	3263
Others	529	499	503	502	497	2530
Heavy Ends	19567	20243	19915	19485	19265	98475
Lubes	836	900	900	882	850	4368
LSHS	4574	4206	3518	3468	3451	19217
FO	7576	7841	7128	6037	5963	34545
Bitumen	3239	3175	3112	3090	3061	15677
Others	3342	4121	5257	6008	5940	24668
Grand Total	120111	129444	137351	137272	135966	660144

Source: Draft Tenth Five Year Plan Document.

**TABLE-36. TENTH PLAN (2002-07) OUTLAY AND ACTUAL EXPENDITURE OF
PUBLIC SECTOR UNDERTAKINGS UNDER THE PURVIEW OF
MINISTRY OF PETROLEUM & NATURAL GAS**

(Rs.Crore)						
Undertaking	Tenth Plan	2002-03	2003-04	2004-05	2005-06	2006-07
	Outlay	(Actual)	(Actual)	(Actual)	(RE)	(BE)
1	2	3	4	5	6	7
A. EXPLORATION & PRODUCTION	59468.95	12149.37	12213.33	15952.08	22023.63	25377.06
1. ONGC	33418.95	6063.39	6851.98	10451.88	12735.61	14354.28
2. OIL	5000.00	606.90	577.85	796.78	1205.70	1788.95
3. GAIL (India) Ltd.	7500.00	510.80	2441.30	438.96	1378.87	2579.58
4. ONGC Videsh Ltd.	13550.00	4968.28	2342.20	4264.46	6703.45	6654.25
B. REFINING & MARKETING	37302.24	3656.30	4412.66	5029.11	5514.85	7685.98
1. IOC	18001.44	1760.60	2157.03	3324.00	2896.24	3194.01
2. HPCL	7500.00	139.64	162.41	365.62	857.00	2365.00
3. BPCL	3998.80	618.80	931.73	460.04	807.60	927.70
4. CPCL	2400.00	1010.17	858.66	235.12	106.50	124.50
5. KRL	2500.00	7.20	35.28	167.78	157.00	326.15
6. BRPL	100.00	6.12	2.27	18.03	28.11	110.04
7. IBP Co. Ltd.	1762.00	113.21	220.63	252.02	200.00	200.00
8. Numaligarh Refinery Ltd.	310.00	0.56	23.90	106.18	123.40	147.00
9. MRPL	730.00 *	0.00	20.75	100.32	339.00	291.58
C. PETROCHEMICALS	7443.81	463.36	957.33	1645.54	1851.60	2910.29
1. BRPL	131.00	2.87	0.45	3.95	5.85	6.85
2. BPCL	1.20	0.00	0.00	0.00	0.10	0.10
3. MRPL	0.00	0.00	0.00	0.00	25.00	66.15
4. IOC	6398.09	436.51	907.41	1590.02	1679.76	2433.99
5. CPCL	0.00	0.00	0.00	0.00	3.50	0.50
6. GAIL	913.52	23.98	49.47	51.57	137.39	387.70
7. HPCL	-	-	-	-	-	15.00
D. ENGINEERING UNIT	171.00	10.48	7.64	4.61	13.00	30.00
1. IBP Co.Ltd.	21.00	0.00	0.00	0.00	0.00	0.00
2. Balmer Lawrie & Co. Ltd.	120.00	10.48	7.64	4.61	8.00	25.00
3. Biecco Lawrie Limited	30.00	0.00	0.00	0.00	5.00	5.00
Total (A+B+C+D)	104386.00	16279.51	17590.96	22631.34	29403.08	36003.33

RE : Revised Estimates

BE : Budget Estimates

*: MRPL was acquired by ONGC during 2003-04, hence plan allocation of Rs.730 crore was not included in the 10th Plan outlay of Rs.103656 crore approved by Planning Commission.

Source: Performance Budget, Ministry of Petroleum & Natural Gas.

**TABLE-37. PERFORMANCE OF THE PUBLIC SECTOR UNDERTAKINGS
UNDER THE PURVIEW OF MINISTRY OF PETROLEUM & NATURAL GAS
DURING 2004-05, 2005-06 AND 2006-07.**

(Rs.Crore)							
Name of Undertaking	Paid-up Capital (PUC) 2006-07	Gross Turnover			Profit after tax		
		2004-05	2005-06	2006-07*	2004-05	2005-06	2006-07*
1	2	3	4	5	6	7	8
ONGC	2139.00	42139	45621	46025	12983	12647	12947
IOC	1168.01	150677	179175	189685	4891	1955	276
GAIL(India) Ltd.	845.65	14080	16654	17122	1954	1546	1371
HPCL	361.54	65218	70146	72929	1277	-1267	257
BPCL	300.00	63350	74701	83052	966	2634	3793
IBP Co.	22.15	13514	14300	15900	59	-167	268
OIL	214.00	3888	5266	4828	1062	1383	1079
BRPL	199.82	4564	5388	4935	478	223	146
EIL	56.16	913	850	1200	112	115	121
CPCL	149.00	16296	20689	17003	597	481	565
KRL	138.47	14323	15689	15784	842	420	402
NRL	735.63	3842	3185	3451	409	224	241
MRPL	1753.00	18322	24692	25571	880	587	386
Grand Total	8082.43	411126	476356	497485 0	26510	20781	21852

N.A.: Not Available.

*: Provisional.

Source: Performance Budget.

TABLE-38. EXISTING PETROLEUM PRODUCT PIPELINES IN THE COUNTRY

Oil Co.	Name of the Pipeline	Capacity* (MMTPA) 1.4.2007	Length (KM) 1.4.2007	Throughput ('000' Tonne)				
				2002-03	2003-04	2004-05	2005-06	2006-07
1	2	3	4	5	6	7	8	9
Product Pipelines								
IOC	Barauni - Patna - Kanpur	5.30	745	1683	2201	4115	4180	4050
IOC	Guwahati - Siliguri	0.82	435	890	1200	1299	1260	1230
IOC	Haldia - Barauni	1.25	525	1327	1141	925	870	960
IOC	Haldia - Mourigram - Rajbandh	1.35	277	2083	1871	1909	1760	1900
IOC	Koyali - Ahmedabad	1.10	116	1345	982	688	520	540
IOC	Mathura - Jallunder#	3.70	763	3673	4575	4138	4630	4990
IOC	Panipat - Bhatinda**	1.50	219					1290
IOC	Digboi - Tinsukia	1.00	75	486	506	550	520	470
IOC	Mathura - Tundla	1.20	56	-	231	277	250	250
IOC	Koyali - Navgam	1.80	78	-	247	269	230	70
IOC	Koyali - Viramgam - Sidhpur	4.10	1056	-	424	1696	2060	3010
IOC	Panipat - Rewari	1.50	155	-	-	254	910	1240
IOC	Chennai-Madurai	1.73	683	-	-	-	130	820
IOC	Koyali-Dahe	0.66	103	-	-	-	-	180
HPCL	Mumbai - Pune	3.67	506	3097	3020	3050	2780	3240
HPCL	Vizag - Vijayawada - Secunderabad	5.38	572	3038	3110	3000	2880	3500
BPCL	Mumbai - Manmad - Mangliya	4.33	610	2376	2577	3578	3792	4300
Petronet	Vadinar - Kandla\$	1.25	100	5065	4423	2097	1115	190
Petronet	Kochi - Coimbatore	3.30	292	601	942	1320	1101	1220
Petronet	Mangalore - Hasan - Bangalore	2.14	361	-	305	1240	1012	1440
	Subtotal	47.08	7727	25664	27755	30405	30000	34890
LPG Pipelines								
GAIL	Jamnagar - Loni	2.50	1250	1520	1840	2000	1910	2030
GAIL	Vizag - Vijayawada - Secunderabad	1.33	600	0	0	140	320	460
	Subtotal	3.83	1850	1520	1840	2140	2230	2490
Crude Pipelines								
OIL	Duliajan-Bongaigaon-Barauni	7.68	1405	4381	4489	5920	5990	6000
IOC	Salaya-Mathura-Panipat	21.00	1870	21052	21330	18990	20300	21910
IOC	Haldia-Barauni	7.50	943	3095	5780	6361	7040	7060
IOC	Mundra-panipat@	3.78	1174	-	-	-	-	3460
	Subtotal	39.96	5392	28528	31599	31271	33330	38430
	Grand Total	90.87	14969	55712	61194	63816	65560	75810

#: Includes Sonapat-Meerut & Kurukshetra-Roorkee-Nazibabad branch lines.

*: Operating capacity .

#: Pipeline operation was suspended w.e.f. 4.05.2006, hence capacity has been taken proportionately.

**: Panipat-Rewari pipeline, design capacity 1.5 MMTPA was commissioned on 30.09.2004.

@: Converted from product to crude pipeline.

Source: Petroleum Planning & Analysis Cell.

TABLE-39. DEALER COMMISSION FOR MS, HSD AND LPG

1	(Rs./KI)					
	1-4-2004**		1-8-2005***		01.03.2007***	
	MS	HSD	MS	HSD	MS	HSD
	2	3	4	5	6	7
Dealer Commission	707	425	848	509	894	529

** : For dealers on DD an amount of Rs.58/KI for MS and Rs. 34/KI for HSD shall be paid additionally.
For dealers on pay order/ bank cheque an amount of Rs. 29/KI for MS and Rs. 17/KI for HSD shall be paid additionally.

***Licence fee recovery may be recovered for 'A' site @Rs.43/KI and Rs.36/KI and for 'B' site @Rs.13/KI and @Rs.11/KI for MS and HSD respectively.

LPG (Packed Domestic)

1	(Rs./Cylinder)			
	10.11.2001	1.11.2002	1.10.2003	01.03.2007
	2	3	4	5
14.2 Kg cylinder	15.55	16.33	16.71	19.05
5 Kg cylinder	-	8.40	8.60	9.81

Source: Petroleum Planning & Analysis Cell.

TABLE-40. KEY DATA ON INDIAN RAILWAYS

INDICATOR	UNIT/BASE	2002-03	2003-04	2004-05	2005-06	2006-07
1	2	3	4	5	6	7
Capital at Charge (Incl. Investment from Capital Fund)	Rs. Crore	51099	56062	59347	65878	NA
Gross Revenue	"	42741	42905	47370	54491	NA
Route Length	KM	63122	63221	63465	63332	NA
of which electrified	"	16272	17503	17495	17907	NA
Station	Number	6906	7031	7133	6974	NA
Locomotives	"	7681	7817	7910	NA	NA
Steam	"	52	45	44	44	NA
Diesel	"	4699	4769	4807	4793	NA
Electric	"	2930	3003	3065	3188	NA
Revenue-Earning Traffic	MMT	519	557	602	667	NA
POL Traffic \$	"	35.0	32.4	33.2	34.2	NA

\$: Includes non-revenue earning traffic.

Source : Economic Advisor's Office, Ministry of Railways.

TABLE- 41. MAIN CONVERSIONS USED IN PETROLEUM INDUSTRY

ITEM	CONVERSION FACTOR	
<u>CRUDE OIL</u>	1 Metric Tonne	= 7.33 Barrels = 1.165 Cubic Metres (Kilolitres)
	1 Barrel	= 0.136 Tonnes = 0.159 Cubic Metres (Kilolitres)
	1 Cubic Metre	= 0.858 Tonnes = 6.289 Barrels
	1 Million Tonne	= 1.111 Billion Cubic Metres Natural Gas = 39.2 Billion Cubic Feet Natural Gas = 0.805 Million Tonnes LNG = 40.4 Trillion British Thermal Units
<u>NATURAL GAS</u>	1 Billion Cubic Metre	= 35.3 Billion Cubic Feet Natural Gas = 0.90 Million Tonnes Crude Oil = 0.73 Million Tonnes LNG = 36 Trillion British Thermal Units = 6.29 Million Barrels of Oil Equiv.
<u>LNG</u>	1 Million Tonne	= 1.38 Billion Cubic Metres Natural Gas = 48.7 Billion Cubic Feet Natural Gas = 1.23 Million Tonnes Crude Oil = 52 Trillion British thermal Units = 8.68 Million Barrels of Oil Equiv.
<u>CNG</u>	1 Kilogram	= 1.244 Standard Cubic Metres Natural Gas = 1.391 Litres of Petrol = 1.399 Litres of HSDO

Source: 1) BP Amoco Alive Statistical Review of World Energy
2) OPEC Annual Statistical Bulletin

**TABLE-42. CONVERSION FACTORS FOR
PETROLEUM PRODUCTS**

Products	TOE/Tonne	Barrel/Tonne
Refinery Gas	1.150	8.00
Ethane	1.130	16.85
LPG	1.130	11.60
Aviation Gasoline	1.070	8.90
Motor Gasoline	1.070	8.53
Jet Gasoline	1.070	7.93
Jet Kerosene	1.065	7.93
Other Kerosene	1.045	7.74
Naphtha	1.075	8.50
Gas/Diesel Oil	1.035	7.46
Heavy Fuel Oil	0.960	6.66
Petroleum Coke	0.740	5.50
White Spirit	0.960	7.00
Lubricants	0.960	7.09
Bitumen	0.960	6.08
Paraffin Waxes	0.960	7.00
Non specified products	0.960	7.00

TOE : Tonnes of Oil Equivalent

Source: International Energy Agency Statistics