

MINISTRY OF PETROLEUM & NATURAL GAS
ECONOMIC DIVISION

Brief note on the Production Performance of Oil & Natural Gas sector for the month of October, 2013 & cumulatively for the period April-October, 2013 vis-a-vis 2012

I. A. CRUDE OIL PRODUCTION – PERFORMANCE

Month / Period	Planned Target (TMT)	Actual Production (TMT)	%age achievement	Surplus(+) Shortfall(-) Vis-à-vis target (%age)	Surplus(+) Shortfall(-) over last year (%age)
October, 2013*	3352.000	3179.405	94.9	-5.1	-0.8
April-October, 2013*	22613.000	22018.083	97.4	-2.6	-1.2
April-October, 2012		22283.565			

TMT: Thousand Metric Tonnes.

*: Provisional.

B. COMPANY-WISE ACHIEVEMENT

Company / State	Planned Target (TMT)	Actual Production (TMT)	%age achievement	Surplus(+) Shortfall(-) (%age)
ONGC	2045.000	1867.000	91.3	-8.7
Gujarat	424.000	410.000	96.7	
Andhra Pradesh	22.000	24.000	109.1	
Tamil Nadu	19.000	18.000	94.7	
Assam	106.000	107.000	100.9	
Offshore	1474.000	1308.000	88.7	
OIL	328.000	303.953	92.7	-7.3
Assam	327.000	301.716	92.3	
Arunachal Pradesh	1.000	2.237	223.7	
PRIVATE/JVC	979.000	1008.452	103.0	3.0
TOTAL	3352.000	3179.405	94.9	-5.1

C. REASONS FOR SHORTFALL

Company / State	Reasons for shortfall
ONGC (Offshore)	Closure of wells to maintain lift Gas pressure due to engine replacement and over hauling of Process Gas Compressor (PGC) at Heera, increased water cut in well B-173A#2YH affected production. Less than anticipated oil gain from new development wells of D-1 field, delay in commissioning of B-193 process platform affected production. Delay in execution of G-1 development project. Less line condensare receipt from Offshore.
ONGC (Gujarat)	Less than anticipated oil gain from workover and frequent power shutdown affected production. Leakage in crude oil despatch line of GGS-III & GGS-IV, low gas lift pressure due to frequent GEB power shutdown, ageing of fields resulting decline in reservoir pressure & increased water cut affected production.
ONGC (Tamil Nadu)	Production affected due to closure of some of the wells on account of less offtake of gas by consumers.
OIL (Assam)	Consequential effect of bandhs and blockades.
Pvt./JVCs (Arunachal Pradesh)	Production is less due to underperformance of new development of wells and sand/water ingress issues in older wells etc.
Pvt./JVCs (Gujarat)	Less oil production due to intermittent flow. Well Asjol #7 closed due to non revival after work-over job. Oil well have ceased in Bhandut. Under performance of producing wells in Camby & CB-OS/2. High water cut in producing wells in CB-ON/7. Natural decline. Water ingress issues in wellbores.

A statement showing Crude Oil Production during October, 2013 and cumulatively for the period April- October, 2013 vis-à-vis 2012-13 is at Annexure-I.

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II. A. NATURAL GAS PRODUCTION

Month / Period	Planned Target (MCM)	Actual Production (MCM)	%age achievement	Surplus(+) Shortfall(-) Vis-à-vis target (%age)	Surplus(+) Shortfall(-) over last year
October, 2013*	3269.504	2960.948	90.6	-9.4	-13.6
April- October, 2013*	22308.807	20787.129	93.2	-6.8	-16.1
April- October, 2012		24787.663			

MCM: Million Cubic Metres.

*: Provisional.

B. COMPANY-WISE ACHIEVEMENT

Company / State	Planned Target (MCM)	Actual Production (MCM)	%age achievement	Surplus(+) Shortfall(-) (%age)
ONGC	1983.560	1962.871	99.0	-1.0
Gujarat	119.550	129.839	108.6	
Rajasthan	1.270	1.352	106.5	
Andhra Pradesh	88.710	94.429	106.4	
Tamil Nadu	100.690	115.176	114.4	
Assam	39.310	38.136	97.0	
Tripura	69.960	80.425	115.0	
Mumbai High Offshore	1564.070	1503.514	96.1	
OIL	236.950	225.213	95.0	-5.0
Assam	213.970	206.428	96.5	
Arunachal Pradesh	1.230	1.671	135.9	
Rajasthan	21.750	17.114	78.7	
PRIVATE/JVC	1048.994	772.864	73.7	-26.3
Onshore \$	105.522	89.943	85.2	
Offshore	943.472	682.921	72.4	
TOTAL	3269.504	2960.948	90.6	-9.4

\$: Including Coal Bed Methane production.

C. REASONS FOR SHORTFALL

Company / State	Reasons for shortfall
ONGC (Offshore)	Delay in commissioning of B-193 & SB-14 process platform affected production. Delay in execution of G-1 development project.
ONGC (Assam)	Lack of consumers.
OIL(Rajasthan)	Less than the committed withdrawal of Rajasthan Rajya Vidyut Utpadan Nigam Limited (RRVUNL).
OIL(Assam)	Low withdrawal by Brahmaputra Valley Fertilizer Corporation Limited (BVFCL).
Pvt./JVCs (Arunachal Pradesh)	Production is less due to underperformance of new development of wells and sand/water ingress issues in older wells etc.
Pvt./JVCs (Gujarat)	Less oil production due to intermittent flow. Well Asjol #7 closed due to non revival after work-over job. Oil well have ceased in Bhandut. Under performance of producing wells in Camby & CB-OS/2. High water cut in producing wells in CB-ON/7. Natural decline. Water ingress issues in wellbores. No gas production from the field as wells have ceased due to water loading in Boala. Gas production was ceased w.e.f. 10.11.2012 as per GOI directives prior to field abandonment in CB-ONN-2000/2.
Pvt./JVCs (Rajasthan)	Gas production is less due to underperformance of wells.
Pvt./JVCs (Jharkhand)	Incidentally produced CBM is being sold in small quantities.
Pvt./JVCs (Off-shore)	Tapti gas production is less than budget due to non delivery of expected volumes from infill wells and MTA # 3 early water breakthrough followed by loading. A total of 9 wells in D1,D3 and 2 wells in MA have ceased to flow due to water /sand ingress in KG-SWN-98/3 field. Loading of wells, delayed well services activities, delayed delivery of PJ and PL infill wells and closure of MA wells due to leak observed in the MA riser. Natural Decline in the CB-OS/2 & Ravva field.

A statement showing natural gas production during October, 2013 and cumulatively for the period April- October, 2013 vis-à-vis 2012-13 is at Annexure-II.

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**III. A. REFINERY PRODUCTION
(IN TERMS OF CRUDE THROUGHPUT)**

Month / Period	Planned Target (TMT)	Actual Production (TMT)	%age achievement	Surplus(+) Shortfall(-) Vis-à-vis target	Surplus(+) Shortfall(-) over last year
October, 2013*	19024.000	18374.949	96.6	-3.4	-4.8
April- October, 2013*	129906.000	130210.014	100.2	0.2	3.7
April- October, 2012		125565.593			

*: Provisional.

Note: RIL (SEZ) production figures for August 2013 are revised from 3187 TMT to 3207 TMT & Sept' 2013 prorated figures revised from 3085 TMT to 3089 and October 2013 figures are on prorated basis.

The crude throughput in IOC (Guwahati, Digboi, Barauni & Bongaigaon), BPCL (Mumbai, Kochi), HPCL (Mumbai), NRL (Numaligarh), MRPL (Mangalore), ONGC (Tatipaka), HMEL (Bhatinda), RIL (SEZ) & Essar refineries have exceeded their planned target.

The crude throughput in IOC (Gujarat, Haldia, Mathura & Panipat), HPCL (Visakh), CPCL (Manali & Narimanam), BORL (Bina), & RIL (Jamnagar) refineries was less than their planned target.

Company / State

Reasons for shortfall

IOCL, Gujarat	Throughput is lower due to high Black Oil inventory on account of lower Bitumen demand.
IOCL, Haldia	Throughput is in line with lower HSD & Black oil demand during monsoon.
IOCL, Panipat	Throughput is restricted due to higher Black Oil inventory, & problem in DHDT unit.
IOCL, Mathura	Throughput is lower because of shifting of planned shutdown from Sep'13 to Oct'13.
CPCL, Manali	Low crude throughput due to detorment of Ref-1 shutdown (MoUshutdown period : 16-Sep'13 to 15 Oct'13, Actual : 27-Sep'13 to 01 Non'13). CDU II & CDU III thruput was lower due to OHCU shutdown (10 days in Oct'13) for catalyst scooping.
HPCL, Visakh	Low crude throughput for ISD (VGO) management.
CPCL, CBR	Low thruput due to LSHS upliftment problem.
BORL, Bina	Refinery shutdown was taken for 12days for replacement of reformer catalyst in Hydrogen unit.

A statement showing refinery-wise production during the month of October, 2013 and cumulatively for the period April- October, 2013 vis-à-vis 2012-13 is at Annexure-III.

III. REFINERY CAPACITY UTILISATION

Month	Utilisation (%)	Period	Utilisation (%)
October, 2013*	100.6	April- October, 2013	103.3
October, 2012	106.6	April- October, 2012	100.5

The refinery-wise details of the capacity utilisation during October, 2013 and cumulatively for the period April- October, 2013 vis-a-vis 2012-13 are given in Annexure-IV.

MINISTRY OF PETROLEUM & NATURAL GAS

Review of Crude Oil Production during the month of October, 2013 and cumulatively for the period April'13-October'13 vis-à-vis 2012-13

(Qty: '000' Tonnes)

Name of the Undertaking / Unit	Planned Prodn. during the month	Production during the			Cumulative Production (April -October)			% variation over last year		% variation during the month under review over planned prodn.
		Month under review *	Corresponding month last year	Preceding month of current year	Planned Prodn. during current year	Actual Prodn. during current year	Actual Prodn. corresponding period last year	During the month under review	Upto the end of the period	
1	2	3	4	5	6	7	8	9	10	11
A. Production of Crude Oil										
1. Oil & Natural Gas Corp. Ltd.	2045.0	1867.000	1882.604	1822.339	13618.000	13020.030	13140.460	-0.8	-0.9	-8.7
Onshore	571.0	559.000	578.198	546.234	3915.000	3968.645	4077.113	-3.3	-2.7	-2.1
Gujarat	424.0	410.000	434.324	401.218	2891.000	2927.145	3059.209	-5.6	-4.3	-3.3
Andhra Pradesh	22.0	24.000	24.372	23.835	164.000	175.725	247.698	-1.5	-29.1	9.1
Tamil Nadu	19.0	18.000	21.150	17.810	131.000	126.725	150.310	-14.9	-15.7	-5.3
Assam \$	106.0	107.000	98.352	103.371	729.000	739.050	619.896	8.8	19.2	0.9
Offshore	1474.0	1308.000	1304.406	1276.105	9703.000	9051.385	9063.347	0.3	-0.1	-11.3
Oil	1276.0	1165.000	1129.406	1123.309	8348.000	7955.121	7858.347	3.2	1.2	-8.7
Condensates	198.0	143.000	175.000	152.796	1355.000	1096.264	1205.000	-18.3	-9.0	-27.8
2. Oil India Ltd. (OIL)	328.0	303.953	314.865	299.279	2200.000	2104.209	2202.676	-3.5	-4.5	-7.3
Assam	327.0	301.716	313.042	297.189	2187.000	2089.536	2189.918	-3.6	-4.6	-7.7
Arunachal Pradesh	1.0	2.237	1.823	2.090	13.000	14.673	12.758	22.7	15.0	123.7
3. DGH (Private / JVC)	979.0	1008.452	1006.727	959.434	6795.000	6893.844	6940.429	0.2	-0.7	3.0
Onshore	751.0	771.257	764.981	754.708	5250.000	5315.280	5205.369	0.8	2.1	2.7
Arunachal Pradesh	9.0	7.563	8.839	7.316	62.000	54.815	56.502	-14.4	-3.0	-16.0
Assam	0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.0	0.0	0.0
Gujarat	13.0	12.407	11.408	11.890	85.000	83.353	87.976	8.8	-5.3	-4.6
Rajasthan	729.0	751.287	744.734	735.502	5103.000	5177.112	5060.891	0.9	2.3	3.1
Offshore	228.0	237.195	241.746	204.726	1545.000	1578.564	1735.060	-1.9	-9.0	4.0
GRAND TOTAL (1+2+3)	3352.0	3179.405	3204.196	3081.052	22613.000	22018.083	22283.565	-0.8	-1.2	-5.1
Onshore	1650.0	1634.210	1658.044	1600.221	11365.000	11388.134	11485.158	-1.4	-0.8	-1.0
Offshore	1702.0	1545.195	1546.152	1480.831	11248.000	10629.949	10798.407	-0.1	-1.6	-9.2

*: Provisional. Note: Totals may not tally due to rounding off figures.

\$: Includes crude oil production of Tripura

Reasons for shortfall are indicated in the note.

MINISTRY OF PETROLEUM & NATURAL GAS

Review of Natural Gas Production during the month of October, 2013 and cumulatively for the period April'13-October, 2013 vis-à-vis 2012-13

(Qty: Million Cubic Metres)

Name of the Undertaking / Unit	Planned Prodn. during the month	Production during the			Cumulative Production (April - October)			% variation over last year		% variation during the month under review over planned prodn.
		Month under review *	Corres- ponding month last year	Preceding month of current year	Planned Prodn. during current year	Actual Prodn. during current year	Actual Prodn. corres- ponding period last year	During the month under review	Upto the end of the period	
1	2	3	4	5	6	7	8	9	10	11
D. Natural Gas Production										
1. Oil & Natural Gas Corp. Ltd.	1983.560	1962.871	1977.361	1908.816	13690.560	13542.341	13799.871	-0.7	-1.9	-1.0
Onshore	419.490	459.357	458.068	433.231	2977.270	3053.326	3208.868	0.3	-4.8	9.5
Gujarat	119.550	129.839	152.655	127.554	855.040	929.654	1110.533	-14.9	-16.3	8.6
Rajasthan	1.270	1.352	1.400	1.294	8.770	8.213	8.870	-3.4	-7.4	6.5
Andhra Pradesh	88.710	94.429	100.813	95.729	645.680	694.956	751.363	-6.3	-7.5	6.4
Tamil Nadu	100.690	115.176	102.926	111.109	691.820	743.414	687.144	11.9	8.2	14.4
Assam	39.310	38.136	42.537	37.127	271.160	268.611	292.365	-10.3	-8.1	-3.0
Tripura	69.960	80.425	57.737	60.418	504.800	408.478	358.593	39.3	13.9	15.0
Offshore	1564.070	1503.514	1519.293	1475.585	10713.290	10489.015	10591.003	-1.0	-1.0	-3.9
2. Oil India Ltd. (OIL)	236.950	225.213	225.774	219.652	1596.570	1547.889	1542.429	-0.2	0.4	-5.0
Assam	213.970	206.428	204.136	201.458	1459.700	1427.592	1416.579	1.1	0.8	-3.5
Arunachal Pradesh	1.230	1.671	1.779	1.702	7.800	11.639	11.018	-6.1	5.6	35.9
Rajasthan	21.750	17.114	19.859	16.492	129.070	108.658	114.831	-13.8	-5.4	-21.3
3. DGH (Private / JVC)	1048.994	772.864	1223.295	760.134	7021.677	5696.899	9445.363	-36.8	-39.7	-26.3
Onshore	105.522	89.943	73.083	77.044	627.272	566.329	463.056	23.1	22.3	-14.8
Arunachal Pradesh	1.276	1.931	1.717	1.927	8.886	14.273	14.072	12.5	1.4	51.3
Assam	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0	0.0	0.0
Gujarat	10.374	9.134	15.834	9.125	77.780	69.318	123.867	-42.3	-44.0	-12.0
Rajasthan	70.933	64.196	46.202	51.945	440.028	395.563	263.779	38.9	50.0	-9.5
West Bengal (CBM)	21.991	14.067	8.781	13.288	93.942	82.206	57.605	60.2	42.7	-36.0
Madhya Pradesh (CBM)	0.365	0.408	0.292	0.481	2.555	2.900	1.927	39.7	50.5	11.8
Jharkhand (CBM)	0.583	0.207	0.257	0.278	4.081	2.069	1.806	-19.5	14.6	-64.5
Offshore	943.472	682.921	1150.212	683.090	6394.405	5130.570	8982.307	-40.6	-42.9	-27.6
TOTAL (1+2+3)	3269.504	2960.948	3426.430	2888.602	22308.807	20787.129	24787.663	-13.6	-16.1	-9.4
Onshore	761.962	774.513	756.925	729.927	5201.112	5167.544	5214.353	2.3	-0.9	1.6
Offshore	2507.542	2186.435	2669.505	2158.675	17107.695	15619.585	19573.310	-18.1	-20.2	-12.8

*: Provisional. Note: Totals may not tally due to rounding off figures.

CBM: Coal Bed Methane production.

Reasons for shortfall are indicated in the note.

MINISTRY OF PETROLEUM & NATURAL GAS
Review of Refinery Production (in terms of Crude Throughput) during the month of October, 2013
and cumulatively for the period April 2013-October 2013 vis-à-vis 2012-13

(Qty: '000' Tonnes)

Name of the PSU / Private Co.	Planned Prodn. during the month	Production during the			Cumulative Production (April - October)			% variation over last year		% variation during the month under review over planned prodn.
		Month under review *	Corres- ponding month last year	Preceding month of current year	Planned Prodn. during current year	Actual Prodn. during current year	Actual Prodn. during corres- ponding period last year	During the month under review	Upto the end of the period	
1	2	3	4	5	6	7	8	9	10	11
B. Refinery Production										
(In terms of crude throughput)										
Public Sector	10571	9778.203	10484.893	9822.492	70735.000	69125.201	68265.870	-6.7	1.3	-7.5
1. IOC, Guwahati	93	94.622	100.790	86.546	622.000	601.080	522.672	-6.1	15.0	1.7
2. IOC, Barauni	418	572.424	525.120	549.485	3718.000	3697.115	3721.693	9.0	-0.7	36.9
3. IOC, Gujarat (Koyali)	1246	1182.847	1285.646	917.760	7625.000	7259.630	7666.535	-8.0	-5.3	-5.1
4. IOC, Haldia	670	623.551	654.994	691.575	4540.000	4592.170	4141.043	-4.8	10.9	-6.9
5. IOC, Mathura	664	0.000	691.043	589.663	3912.000	4013.773	5002.253	-100.0	-19.8	-100.0
6. IOC, Digboi	57	58.111	40.994	57.939	391.000	384.374	377.726	41.8	1.8	1.9
7. IOC, Panipat	1425	1368.990	1148.444	1301.673	9515.000	8706.112	8538.754	19.2	2.0	-3.9
8. IOC, Bongaigaon	211	218.014	209.291	185.270	1456.000	1338.237	1382.364	4.2	-3.2	3.3
Total IOC	4784	4118.559	4656.322	4379.911	31779.000	30592.491	31353.040	-11.5	-2.4	-13.9
9. BPCL, Mumbai	1103	1231.594	1132.501	1048.435	7344.000	7553.059	7658.020	8.7	-1.4	11.7
10. BPCL, Kochi	863	922.178	901.645	877.073	5961.000	6292.456	6239.080	2.3	0.9	6.9
Total BPCL	1966	2153.772	2034.146	1925.508	13305.000	13845.515	13897.100	5.9	-0.4	9.6
11. HPCL, Mumbai	635	686.866	711.980	675.829	4208.000	4473.491	4389.651	-3.5	1.9	8.2
12. HPCL, Visakh	797	588.844	725.897	361.087	5504.000	4157.290	4273.882	-18.9	-2.7	-26.1
Total HPCL	1432	1275.710	1437.877	1036.916	9712.000	8630.781	8663.533	-11.3	-0.4	-10.9
13. CPCL, Manali	929	610.266	742.731	849.512	5523.000	5989.615	4819.058	-17.8	24.3	-34.3
14. CPCL, Narimanam(CBR)	61	52.307	55.217	45.023	399.000	278.922	364.432	-5.3	-23.5	-14.3
Total CPCL	990	662.573	797.948	894.535	5922.000	6268.537	5183.490	-17.0	20.9	-33.1
15. NRL, Numaligarh	244	252.069	254.748	251.865	1684.000	1454.973	1334.986	-1.1	9.0	3.3
16. MRPL, Mangalore	1150	1308.265	1300.158	1327.769	8300.000	8297.642	7804.759	0.6	6.3	13.8
17. ONGC, Tatipaka	5	7.255	3.694	5.988	33.000	35.262	28.962	96.4	21.8	45.1
Joint Venture Sub Total	1100	998.246	1080.713	1223.654	7700.000	8345.552	5120.590	-7.6	63.0	-9.3
18. BORL, Bina	500	276.725	564.046	490.688	3500.000	3186.494	3053.922	-50.9	4.3	-44.7
19. HMEL Bhatinda	600	721.521	516.667	732.966	4200.000	5159.058	2066.668	39.6	149.6	20.3
Private Sector	7353	7598.500	7731.064	7438.440	51471.000	52739.261	52179.133	-1.7	1.1	3.3
1. RIL, Jamnagar	3140	2659.000	2851.000	2639.640	21980.000	18634.551	19221.500	-6.7	-3.1	-15.3
2. RIL, SEZ	2568	3192.000	3151.214	3089.000 **	17976.000	22033.000	21677.908	1.3	1.6	24.3
3. Essar Oil Ltd.(EOL), Vadinar	1645	1747.500	1728.850	1709.800	11515.000	12071.710	11279.725	1.1	7.0	6.2
TOTAL(B)	19024	18374.949	19296.670	18484.587	129906.000	130210.014	125565.593	-4.8	3.7	-3.4

**: Revised

*: Provisional.

Note: RIL (SEZ) production figures for August 2013 are revised from 3187 TMT to 3207 TMT & Sept' 2013 prorated figures revised from 3085 TMT to 3089 and October 2013 figures are on prorated basis.

Reasons for shortfall are indicated in the note.

MINISTRY OF PETROLEUM & NATURAL GAS

Refinery-wise Capacity Utilisation during the month of October, 2013 and cumulatively for the period April, 2013 -October, 2013 vis-à-vis 2012-13

(Qty: '000' Tonnes)

Name of the PSU / Private Co.	October, 2013			October, 2012			Cumulative (April - October)					
	Prorated Installed Capacity	Actual Crude T'put *	% utili- sation of I/C	Prorated Installed Capacity	Actual Crude T'put	% utili- sation of I/C	2013-14			2012-13		
							Prorated Installed Capacity \$	Actual Crude T'put *	% utili- sation of I/C	Prorated Installed Capacity	Actual Crude T'put	% utili- sation of I/C
1	2	3	4	5	6	7	8	9	10	11	12	13
C. Refinery-wise Capacity Utilisation												
Public Sector	10197.000	9778.203	95.9	10197.000	10484.893	102.8	70395.000	69125.201	98.2	70395.000	68265.870	97.0
1. IOC, Guwahati	85.000	94.622	111.3	85.000	100.790	118.6	586.000	601.080	102.6	586.000	522.672	89.2
2. IOC, Barauni	510.000	572.424	112.2	510.000	525.120	103.0	3518.000	3697.115	105.1	3518.000	3721.693	105.8
3. IOC, Koyali	1164.000	1182.847	101.6	1164.000	1285.646	110.5	8032.000	7259.630	90.4	8032.000	7666.535	95.4
4. IOC, Haldia	637.000	623.551	97.9	637.000	654.994	102.8	4397.000	4592.170	104.4	4397.000	4141.043	94.2
5. IOC, Mathura	679.000	0.000	0.0	679.000	691.043	101.8	4690.000	4013.773	85.6	4690.000	5002.253	106.7
6. IOC, Digboi	55.000	58.111	105.7	55.000	40.994	74.5	381.000	384.374	100.9	381.000	377.726	99.1
7. IOC, Panipat	1274.000	1368.990	107.5	1274.000	1148.444	90.1	8795.000	8706.112	99.0	8795.000	8538.754	97.1
8. IOC, Bongaigaon	200.000	218.014	109.0	200.000	209.291	104.6	1378.000	1338.237	97.1	1378.000	1382.364	100.3
Total IOC	4603.000	4118.559	89.5	4603.000	4656.322	101.2	31778.000	30592.491	96.3	31778.000	31353.040	98.7
9. BPCL, Mumbai	1019.000	1231.594	120.9	1019.000	1132.501	111.1	7036.000	7553.059	107.3	7036.000	7658.020	108.8
10. BPCL, Kochi	807.000	922.178	114.3	807.000	901.645	111.7	5570.000	6292.456	113.0	5570.000	6239.080	112.0
Total BPCL	1826.000	2153.772	118.0	1826.000	2034.146	0.0	12605.000	13845.515	109.8	12605.000	13897.100	0.0
12. HPCL, Mumbai	552.000	686.866	124.4	552.000	564.046	102.2	3811.000	4473.491	117.4	3811.000	4389.651	115.2
13. HPCL, Visakh	705.000	588.844	83.5	705.000	725.897	103.0	4866.000	4157.290	85.4	4866.000	4273.882	87.8
Total HPCL	1257.000	1275.710	101.5	1257.000	1437.877	114.4	8677.000	8630.781	99.5	8677.000	8663.533	99.8
14. CPCL, Manali	892.000	610.266	68.4	892.000	742.731	83.3	6156.000	5989.615	97.3	6156.000	4819.058	78.3
15. CPCL, Narimanam	85.000	52.307	61.5	85.000	55.217	65.0	586.000	278.922	47.6	586.000	364.432	62.2
Total CPCL	977.000	662.573	67.8	977.000	797.948	81.7	6742.000	6268.537	93.0	6742.000	5183.490	76.9
16. NRL, Numaligarh	255.000	252.069	98.9	255.000	254.748	99.9	1759.000	1454.973	82.7	1759.000	1334.986	75.9
17. MRPL, Mangalore	1274.000	1308.265	102.7	1274.000	1300.158	102.1	8795.000	8297.642	94.3	8795.000	7804.759	88.7
18. ONGC, Tatipaka	6.000	7.255	120.9	6.000	3.694	61.6	39.000	35.262	90.4	39.000	28.962	74.3
Joint Venture Sub Total	1274.000	998.246	78.4	1274.000	1080.713	84.8	8795.000	8345.552	94.9	8795.000	5120.590	58.2
18. BORL, Bina	510.000	276.725	54.3	510.000	564.046	110.6	3518.000	3186.494	90.6	3518.000	3053.922	86.8
19. HEMEL Bhatinda	764.000	721.521	94.4	764.000	516.667	67.6	5277.000	5159.058	97.8	5277.000	2066.668	39.2
Private Sector	6795.000	7598.500	111.8	6625.000	7731.064	116.7	46904.000	52739.261	112.4	45732.000	52179.133	114.1
1. RPL, Jamnagar	2803.000	2659.000	94.9	2803.000	2851.000	101.7	19348.000	18634.551	96.3	19348.000	19221.500	99.3
2. RIL, SEZ	2293.000	3192.000	139.2	2293.000	3151.214	137.4	15830.000	22033.000	139.2	15830.000	21677.908	136.9
3. Essar Oil Ltd.(EOL), Vadinar	1699.000	1747.500	102.9	1529.000	1728.850	113.1	11726.000	12071.710	102.9	10553.000	11279.725	106.9
TOTAL \$	18266.000	18374.949	100.6	18096.000	19296.670	106.6	126093.000	130210.014	103.3	124921.000	125565.593	100.5

*: Provisional.

I/C: Installed Capacity.
