

**MINISTRY OF PETROLEUM & NATURAL GAS
ECONOMIC DIVISION**

Brief note on the Production Performance of Oil & Natural Gas sector for the month of March, 2013 & cumulatively for the period April-March, 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)
March, 2013*	3528.655	3224.612	91.4	-8.6	0.2
April-March, 2013*	40046.179	37864.536	94.6	-5.4	-0.6
April-March, 2012		38089.689			

TMT: Million Metric Tonnes.

*: Provisional.

B. COMPANY-WISE ACHIEVEMENT

Company / State	Planned Target (TMT)	Actual Production (TMT)	%age achievement	Surplus(+) Shortfall(-) (%age)
ONGC	2158.000	1953.000	90.5	-9.5
Gujarat	463.000	438.000	94.6	
Andhra Pradesh	24.000	27.000	112.5	
Tamil Nadu	17.000	19.000	111.8	
Assam	106.000	120.000	113.2	
Mumbai Region (incl Mumbai High)	1548.000	1349.000	87.1	
OIL	339.800	301.090	88.6	-11.4
Assam	337.700	299.093	88.6	
Arunachal Pradesh	2.100	1.997	95.1	
PRIVATE/JVC	1030.855	970.522	94.1	-5.9
TOTAL	3528.655	3224.612	91.4	-8.6

C. REASONS FOR SHORTFALL

Company / State	Reasons for shortfall
ONGC (Gujarat)	Poor Influx, increasing water cut trend & power shutdowns.
ONGC (Mumbai High Offshore)	Base potential affected due to lesser availability of inputs. Less than anticipated oil gain from side track & development wells. Delay in project execution of G-1 field. Production affected due to less than anticipated oil gain from new development wells.
OIL (Assam Arunachal Pradesh)	Consequential effect of bandhs and blockades in the past several month(s).
Pvt./JVCs (Rajasthan)	Less than estimated production Bhagyam wells.
Pvt./JVCs (Arunachal Pradesh)	Underperformance of new development wells.
Pvt./JVCs (Gujarat)	Well Bakrol # 5 ceased to flow oil due to wax deposition. Well Bhandut # 4 has ceased to produce oil. Well Tar # P is flowing intermittently. Underperformance of the field due to water loading in wells. Oil production is yet to commence from the field.
Pvt./JVCs (Gujarat Offshore-CB-OS/2)	Natural decline of the field.
Pvt./JVCs (Eastern Offshore-KG-DWN-98/3)	A total of 9 wells in D1, D3 and 2 wells in MA have ceased to flow due to water/sand ingress.
Pvt./JVCs (Eastern Offshore-PY-1)	Production gain post work-over in Mercury is less than expected due to water loading.
Pvt./JVCs (Eastern Offshore-PY-3)	Field under complete shutdown w.e.f 30.7.2011 after expiry of the contract for existing production facilities.
Pvt./JVCs (Western Offshore-Panna-Mukta)	Oil production is less due to non delivery of PL wells, delay in well intervention & closure of Mukta wells due to MA riser leak.

A statement showing Crude Oil Production during March, 2013 and cumulatively for the period April- March, 2013 vis-à-vis 2011-12 planned production 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	Surplus(+) Shortfall(-) over last year
March, 2013*	3593.215	3173.246	88.3	-11.7	-17.7
April- March, 2013*	41309.502	40676.670	98.5	-1.5	-14.5
April- March, 2012		47558.639			

MCM: Million Cubic Metres.

*: Provisional.

B. COMPANY-WISE ACHIEVEMENT

Company / State	Planned Target (MCM)	Actual Production (MCM)	%age achievement	Surplus(+) Shortfall(-) (%age)
ONGC	2037.906	2018.630	99.1	-0.9
Gujarat	84.565	149.165	176.4	
Rajasthan	1.258	1.286	102.2	
Andhra Pradesh	80.200	106.179	132.4	
Tamil Nadu	111.735	107.567	96.3	
Assam	38.389	40.607	105.8	
Tripura	121.304	53.976	44.5	
Mumbai High Offshore	1600.455	1559.850	97.5	
OIL	251.100	230.666	91.9	-8.1
Assam	229.400	211.787	92.3	
Arunachal Pradesh	1.500	1.649	109.9	
Rajasthan	20.200	17.230	85.3	
PRIVATE/JVC	1304.209	923.950	70.8	-29.2
Onshore \$	63.663	67.752	106.4	
Offshore	1240.546	856.198	69.0	
TOTAL	3593.215	3173.246	88.3	-11.7

\$: Including Coal Bed Methane production.

C. REASONS FOR SHORTFALL

Company / State	Reasons for shortfall
ONGC (Tamil Nadu)	Less offtake by consumers.
ONGC (Offshore)	Delay in project execution of G-1 field.
ONGC (Tripura)	Lack of consumers.
OIL (Assam & Rajasthan)	Less drawal by BVFCL for shutdown of Namrup plant-II. Less gas withdrawal by NTPS due to gas turbines II under maintenance. Less withdrawal by NEEPCO due to compressor -I under maintenance. Less than desired production potential.
Pvt./JVCs (Arunchal onshore)	Underperformance of new development wells.
Pvt./JVCs (West Bengal)	Field is under development. Incidentally produced CBM is being sold in small quantities. Gas production is being adjusted as per offtake by the buyers.
Pvt./JVCs (Eastern Offshore-KG-DWN-98/3)	A total of 9 wells in D1, D3 and 2 wells in MA have ceased to flow due to water/sand ingress.
Pvt./JVCs (Eastern Offshore-PY-1)	Production gain post work-over in Mercury is less than expected due to water loading.
Pvt./JVCs (Eastern Offshore-PY-3)	Field under complete shutdown w.e.f 30.7.2011 after expiry of the contract for existing production facilities.
Pvt./JVCs (Western Offshore-M&S Tapti)	Gas production is less due to underperformance of infill wells & early water loading in well MTA# 3.

A statement showing natural gas production during March, 2013 and cumulatively for the period April- March, 2013 vis-à-vis 2011-12 is at Annexure-IV.

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

Month / Period	Planned Target (MMT)	Actual Production (MMT)	%age achievement	Surplus(+) Shortfall(-) Vis-à-vis target (in %age)	Surplus(+) Shortfall(-) over last year (in %age)
March, 2013*	15.254	16.098	105.5	5.5	5.6
April- March, 2013*	177.912	181.735	102.1	2.1	6.9
April- March, 2012		169.993			

*: Provisional.

The crude throughput in IOC (Barauni, Haldia, Mathura, Panipat & Bongaigaon), BPCL (Kochi), BORL (Bina), HPCL (Mumbai), ONGC (Tatipaka), MRPL (Mangalore) & RIL (Jamnagar) refineries have exceeded their planned target.

The crude throughput in IOC (Guwahati, Koyali, & Digboi), BPCL (Mumbai), HPCL(Visakh), CPCL (Manali & Narimanam), NRL (Numaligarh) & EOL (Vadinar) refineries was less than their planned target.

B. REASONS FOR SHORTFALL :

Company / State	Reasons for shortfall
IOCL, Gujarat	Throughput is low because of problem in Fluidized Catalytic Cracker (FCC) & Delayed Cracker (DCU) units.
CPCL, (Manali)	CDU-3 shutdown due to heavy Naphtha line leak.
CPCL, (Narimanam)	Reduced crude availability
NRL, Numaligarh	Less crude receipt.
BPCL, Kochi	The yearly MOU target was achieved with processed throughput.

A statement showing refinery-wise production during the month of March, 2013 and cumulatively for the period April- March, 2013 vis-à-vis 2011-12 planned target is at Annexure-II.

III. REFINERY CAPACITY UTILISATION [excluding RPL(SEZ)]

Month	Utilisation (%)	Period	Utilisation (%)
March, 2013*	107.0	April- March, 2013	102.6
March, 2012	112.2	April- March, 2012	96.0

The refinery-wise details of the capacity utilisation during March, 2013 and cumulatively for the period April- March, 2013 vis-a-vis 2011-12 are given in Annexure-III.

MINISTRY OF PETROLEUM & NATURAL GAS

Review of Crude Oil Production during the month of March, 2013 and cumulatively for the period April'12-March'13 vis-à-vis 2011-12

Name of the Undertaking / Unit	Planned Prodn. during the month	Production during the			Cumulative Production (April -March)			% variation over last year		% variation during the
		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	month under review over planned prodn.
1	2	3	4	5	6	7	8	9	10	11
A. Production of Crude Oil										
1. Oil & Natural Gas Corp. Ltd.	2158.000	1953.000	1956.000	1742.000	23976.700	22563.500	23716.000	-0.2	-4.9	-9.5
Onshore	610.000	604.000	601.000	532.000	7080.700	6943.500	7386.000	0.5	-6.0	-1.0
Gujarat	463.000	438.000	452.000	394.000	5375.000	5185.000	5631.000	-3.1	-7.9	-5.4
Andhra Pradesh	24.000	27.000	28.000	24.000	287.000	295.000	305.000	-3.6	-3.3	12.5
Tamil Nadu	17.000	19.000	20.000	17.000	209.000	240.000	247.000	-5.0	-2.8	11.8
Assam \$	106.000	120.000	101.000	97.000	1209.700	1223.500	1203.000	18.8	1.7	13.2
Mumbai High Offshore	1548.000	1349.000	1355.000	1210.000	16896.000	15620.000	16330.000	-0.4	-4.3	-12.9
Oil	1351.000	1165.000	1173.000	1052.000	14557.000	13542.000	14377.000	-0.7	-5.8	-13.8
Condensates	197.000	184.000	182.000	158.000	2339.000	2078.000	1953.000	1.1	6.4	-6.6
2. Oil India Ltd. (OIL)	339.800	301.090	331.880	265.128	3950.000	3660.991	3846.720	-9.3	-4.8	-11.4
Assam	337.700	299.093	330.040	263.297	3925.900	3638.740	3820.630	-9.4	-4.8	-11.4
Arunachal Pradesh	2.100	1.997	1.840	1.831	24.100	22.251	26.090	8.5	-14.7	-4.9
3. DGH (Private / JVC)	1030.855	970.522	930.020	868.901	12119.479	11640.045	10526.969	4.4	10.6	-5.9
Onshore	765.422	746.236	651.230	670.161	9015.845	8836.096	6793.815	14.6	30.1	-2.5
Arunachal Pradesh	10.488	8.658	8.010	8.198	123.489	98.480	91.678	8.1	7.4	-17.4
Assam	0.000	0.000	0.000	0.000	0.000	0.000	0.865	0.0	0.0	0.0
Gujarat	11.680	11.141	13.910	10.307	141.140	144.550	148.546	-19.9	-2.7	-4.6
Rajasthan	743.254	726.437	629.310	651.656	8751.216	8593.066	6552.726	15.4	31.1	-2.3
Offshore	265.433	224.286	278.790	198.740	3103.634	2803.949	3733.154	-19.6	-24.9	-15.5
GRAND TOTAL (1+2+3)	3528.655	3224.612	3217.900	2876.029	40046.179	37864.536	38089.689	0.2	-0.6	-8.6
Onshore	1715.222	1651.326	1584.110	1467.289	20046.545	19440.587	18026.535	4.2	7.8	-3.7
Offshore	1813.433	1573.286	1633.790	1408.740	19999.634	18423.949	20063.154	-3.7	-8.2	-13.2

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

\$: Includes crude oil production of Tripura

Reasons for shortfall as indicated in the note.

MINISTRY OF PETROLEUM & NATURAL GAS

Review of Natural Gas Production during the month of March, 2013 and cumulatively for the period April'12-March, 2013 vis-à-vis 2011-12

(Qty: Million Cubic Metres)

Name of the Undertaking / Unit	Planned Prodn. during the month	Production during the			Cumulative Production (April - March)			% variation over last year		% variation during the
		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	month under review over planned prodn.
1	2	3	4	5	6	7	8	9	10	11
D. Natural Gas Production										
1. Oil & Natural Gas Corp. Ltd.	2037.906	2018.630	2065.711	1804.874	23689.732	23546.576	23316.395	-2.3	1.0	-0.9
Onshore	437.451	458.780	502.792	420.052	5123.792	5444.158	5751.390	-8.8	-5.3	4.9
Gujarat	84.565	149.165	181.650	135.852	1268.119	1841.986	1939.026	-17.9	-5.0	76.4
Rajasthan	1.258	1.286	1.206	0.632	14.292	14.430	15.777	6.6	-8.5	2.2
Andhra Pradesh	80.200	106.179	117.877	92.773	1014.400	1251.065	1363.784	-9.9	-8.3	32.4
Tamil Nadu	111.735	107.567	102.813	98.980	1374.441	1206.300	1284.764	4.6	-6.1	-3.7
Assam	38.389	40.607	43.529	35.264	453.380	483.641	504.135	-6.7	-4.1	5.8
Tripura	121.304	53.976	55.717	56.551	999.160	646.736	643.904	-3.1	0.4	-55.5
Offshore	1600.455	1559.850	1562.919	1384.822	18565.940	18102.418	17565.005	-0.2	3.1	-2.5
2. Oil India Ltd. (OIL)	251.100	230.666	227.309	196.320	2919.000	2639.212	2633.283	1.5	0.2	-8.1
Assam	229.400	211.787	209.152	184.760	2666.200	2424.653	2391.990	1.3	1.4	-7.7
Arunachal Pradesh	1.500	1.649	1.437	1.439	17.800	19.228	17.925	14.8	7.3	9.9
Rajasthan	20.200	17.230	16.720	10.121	235.000	195.331	223.368	3.1	-12.6	-14.7
3. DGH (Private / JVC)	1304.209	923.950	1562.878	882.994	14700.770	14490.882	21608.961	-40.9	-32.9	-29.2
Onshore	63.663	67.752	59.356	58.469	234.579	790.954	699.123	14.1	13.1	6.4
Arunachal Pradesh	2.269	2.074	1.787	1.642	23.244	21.841	21.577	16.1	1.2	-8.6
Assam	0.000	0.000	0.000	0.000	0.000	0.000	8.416	0.0	-100.0	0.0
Gujarat	8.806	11.538	16.978	11.278	114.166	186.218	233.907	-32.0	-20.4	31.0
Rajasthan	38.219	45.187	32.658	37.093	38.219	475.659	351.033	38.4	35.5	0.0
West Bengal (CBM)	13.788	8.372	7.432	8.118	56.796	100.848	79.108	12.6	27.5	-39.3
Madhya Pradesh (CBM)	0.156	0.293	0.101	0.215	1.729	3.440	1.526	190.1	125.4	87.8
Jharkhand (CBM)	0.425	0.288	0.400	0.123	0.425	2.948	3.556	-28.0	-17.1	0.0
Offshore	1240.546	856.198	1503.522	824.525	14466.191	13699.928	20909.838	-43.1	-34.5	-31.0
TOTAL (1+2+3)	3593.215	3173.246	3855.898	2884.188	41309.502	40676.670	47558.639	-17.7	-14.5	-11.7
Onshore	752.214	757.198	789.457	674.841	8277.371	8874.324	9083.796	-4.1	-2.3	0.7
Offshore	2841.001	2416.048	3066.441	2209.347	33032.131	31802.346	38474.843	-21.2	-17.3	-15.0

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

CBM: Coal Bed Methane production.

Reasons for shortfall as indicated in the note.

MINISTRY OF PETROLEUM & NATURAL GAS

Review of Refinery Production (in terms of Crude Throughput) during the month of March, 2013
and cumulatively for the period April 2012-March 2013 vis-à-vis 2011-12

(Qty: '000' Tonnes)

Name of the PSU / Private Co.	Planned Prodn. during the month \$	Production during the			Cumulative Production (April - March)			% variation over last year		% variation during the
		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	month under review over planned prodn.
1	2	3	4	5	6	7	8	9	10	11
B. Refinery Production										
(In terms of crude throughput)										
Public Sector	10954.3	11297.935	10732.207	10432.692	126807.900	126206.713	120926.540	5.3	4.4	3.1
1. IOC, Guwahati	85.0	85.161	95.221	75.762	950.000	956.452	1058.461	-10.6	-9.6	0.2
2. IOC, Barauni	532.4	537.669	574.513	475.001	6000.100	6344.430	5729.859	-6.4	10.7	1.0
3. IOC, Koyali	1310.0	754.248	1256.935	1091.687	13800.000	13154.947	14253.081	-40.0	-7.7	-42.4
4. IOC, Haldia	685.0	697.465	695.619	632.590	7600.000	7490.247	8071.756	0.3	-7.2	1.8
5. IOC, Mathura	699.1	771.548	784.999	653.306	7999.900	8560.886	8202.187	-1.7	4.4	10.4
6. IOC, Digboi	57.0	57.520	57.094	51.912	650.000	660.316	622.120	0.7	6.1	0.9
7. IOC, Panipat	1364.0	1391.053	1303.118	1268.663	15000.200	15126.032	15495.940	6.7	-2.4	2.0
8. IOC, Bongaigaon	200.0	230.619	203.180	180.073	2250.000	2356.140	2187.736	13.5	7.7	15.3
Total IOC	4932.5	4525.283	4970.679	4428.994	54250.200	54649.450	55621.140	-9.0	-1.7	-8.3
9. BPCL, Mumbai	893.8	1031.672	1146.909	1004.983	12780.800	13077.063	13355.398	-10.0	-2.1	15.4
10. BPCL, Kochi	860.0	835.763	871.389	814.576	9800.000	10110.772	9472.364	-4.1	6.7	-2.8
11. BORL, Bina	545.0	586.878	0.000	510.963	6007.300	5732.219	0.000	0.0	0.0	7.7
Total BPCL	2298.8	2454.313	2018.298	2330.522	28588.100	28920.054	22827.762	21.6	26.7	6.8
12. HPCL, Mumbai	265.1	705.933	739.450	630.146	6925.000	7914.688	7538.024	-4.5	5.0	166.3
13. HPCL, Visakh	822.0	828.132	726.317	718.263	9175.500	8028.469	8682.231	14.0	-7.5	0.7
Total HPCL	1087.1	1534.065	1465.767	1348.409	16100.500	15943.157	16220.255	4.7	-1.7	41.1
14. CPCL, Manali	929.4	925.662	889.116	817.254	10050.000	9105.008	9953.363	4.1	-8.5	-0.4
15. CPCL, Narimanam(CBR)	61.4	58.464	55.209	51.607	700.300	639.685	611.343	5.9	4.6	-4.8
Total CPCL	990.8	984.126	944.325	868.861	10750.300	9744.693	10564.706	4.2	-7.8	-0.7
16. NRL, Numaligarh	265.0	257.183	211.807	192.243	2660.500	2478.021	2825.049	21.4	-12.3	-2.9
17. MRPL, Mangalore	1375.0	1535.941	1115.850	1257.287	14400.000	14414.817	12798.340	37.6	12.6	11.7
18. ONGC, Tatipaka	5.1	7.024	5.481	6.376	58.300	56.521	69.288	28.2	-18.4	37.7
Private Sector \$	4299.9	4800.172	4505.281	4334.765	51103.800	55527.964	49066.030	6.5	13.2	11.6
1. RIL, Jamnagar	2639.0	3044.000	3102.170	2761.000	31173.000	35562.666	35423.170	-1.9	0.4	15.3
2. Essar Oil Ltd.(EOL), Vadinar	1660.9	1756.172	1403.111	1573.765	19930.800	19965.298	13642.860	25.2	46.3	5.7
TOTAL(B) \$	15254.2	16098.107	15237.488	14767.457	177911.700	181734.677	169992.570	5.6	6.9	5.5

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

\$: RIL(SEZ) Planned targets & production (in terms of crude throughput) not reported by the refinery.

Reasons for shortfall as indicated in the note.

MINISTRY OF PETROLEUM & NATURAL GAS

Refinery-wise Capacity Utilisation during the month of March, 2013 and cumulatively for the period April, 2012 -March, 2013 vis-à-vis 2011-12

(Qty: '000' Tonnes)

Name of the PSU / Private Co.	March, 2013			March, 2012			Cumulative (April - March)					
	Prorated Installed Capacity \$	Actual Crude T'put *	% utili- sation of I/C	Prorated Installed Capacity	Actual Crude T'put	% utili- sation of I/C	2012-13			2011-12		
1	2	3	4	5	6	7	8	9	10	11	12	13
C. Refinery-wise Capacity Utilisation												
Public Sector	10709.000	11297.935	105.5	9901.000	10732.207	108.4	126066.000	126206.713	100.1	126066.000	120926.540	95.9
1. IOC, Guwahati	85.000	85.161	100.2	85.000	95.221	112.0	1000.000	956.452	95.6	1000.000	1058.461	105.8
2. IOC, Barauni	510.000	537.669	105.4	508.000	574.513	113.1	6000.000	6344.430	105.7	6000.000	5729.859	95.5
3. IOC, Koyali	1164.000	754.248	64.8	1160.000	1256.935	108.4	13700.000	13154.947	96.0	13700.000	14253.081	104.0
4. IOC, Haldia	637.000	697.465	109.5	635.000	695.619	109.5	7500.000	7490.247	99.9	7500.000	8071.756	107.6
5. IOC, Mathura	679.000	771.548	113.6	678.000	784.999	115.8	8000.000	8560.886	107.0	8000.000	8202.187	102.5
6. IOC, Digboi	55.000	57.520	104.6	55.000	57.094	103.8	650.000	660.316	101.6	650.000	622.120	95.7
7. IOC, Panipat	1274.000	1391.053	109.2	1270.000	1303.118	102.6	15000.000	15126.032	100.8	15000.000	15495.940	103.3
8. IOC, Bongaigaon	200.000	230.619	115.3	199.000	203.180	102.1	2350.000	2356.140	100.3	2350.000	2187.736	93.1
Total IOC	4604.000	4525.283	98.3	4590.000	4970.679	108.3	54200.000	54649.450	100.8	54200.000	55621.140	102.6
9. BPCL, Mumbai	1019.000	1031.672	101.2	1016.000	1146.909	112.9	12000.000	13077.063	109.0	12000.000	13355.398	111.3
10. BPCL, Kochi	807.000	835.763	103.6	805.000	871.389	108.2	9500.000	10110.772	106.4	9500.000	9472.364	99.7
11. BORL, Bina	510.000	586.878	115.1	0.000	0.000	0.0	6000.000	5732.219	95.5	6000.000	0.000	0.0
Total BPCL	2336.000	2454.313	105.1	1821.000	2018.298	110.8	27500.000	28920.054	105.2	27500.000	22827.762	83.0
12. HPCL, Mumbai	552.000	705.933	127.9	551.000	739.450	134.2	6500.000	7914.688	121.8	6500.000	7538.024	116.0
13. HPCL, Visakh	705.000	828.132	117.5	703.000	726.317	103.3	8300.000	8028.469	96.7	8300.000	8682.231	104.6
Total HPCL	1257.000	1534.065	122.0	1254.000	1465.767	116.9	14800.000	15943.157	107.7	14800.000	16220.255	109.6
14. CPCL, Manali	892.000	925.662	103.8	889.000	889.116	100.0	10500.000	9105.008	86.7	10500.000	9953.363	94.8
15. CPCL, Narimanam	85.000	58.464	68.8	85.000	55.209	65.0	1000.000	639.685	64.0	1000.000	611.343	61.1
Total CPCL	977.000	984.126	100.7	974.000	944.325	97.0	11500.000	9744.693	84.7	11500.000	10564.706	91.9
16. NRL, Numaligarh	255.000	257.183	100.9	254.000	211.807	83.4	3000.000	2478.021	82.6	3000.000	2825.049	94.2
17. MRPL, Mangalore	1274.000	1535.941	120.6	1001.000	1115.850	111.5	15000.000	14414.817	96.1	15000.000	12798.340	85.3
18. ONGC, Tatipaka	6.000	7.024	117.1	7.000	5.481	78.3	66.000	56.521	85.6	66.000	69.288	105.0
Private Sector \$	4332.000	4800.172	110.8	3684.000	4505.281	122.3	51000.000	55527.964	108.9	51000.000	49066.030	96.2
1. RPL, Jamnagar	2803.000	3044.000	108.6	2795.000	3102.170	111.0	33000.000	35562.666	107.8	33000.000	35423.170	107.3
2. Essar Oil Ltd.(EOL), Vadinar	1529.000	1756.172	114.9	889.000	1403.111	157.8	18000.000	19965.298	110.9	18000.000	13642.860	75.8
TOTAL \$	15041.000	16098.107	107.0	13585.000	15237.488	112.2	177066.000	181734.677	102.6	177066.000	169992.570	96.0

*: Provisional.

I/C: Installed Capacity.

\$: RIL(SEZ) refining capacity 27 MMT but crude throughput not reported by the refinery and not included in total prorated installed capacity.
