

MINISTRY OF PETROLEUM & NATURAL GAS
ECONOMIC DIVISION

Brief note on the Production Performance of Oil & Natural Gas sector for the month of January, 2013 & cumulatively for the period April-January, 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)
January, 2013*	3456.239	3165.091	91.6	-8.4	-0.2
April-January, 2013*	33335.188	31763.895	95.3	-4.7	-0.4
April-January, 2012		31875.799			

TMT: Million Metric Tonnes. *: Provisional.

B. COMPANY-WISE ACHIEVEMENT				
Company / State	Planned Target (TMT)	Actual Production (TMT)	%age achievement	Surplus(+) Shortfall(-) (%age)
ONGC	2095.000	1923.000	91.8	-8.2
Gujarat	457.000	435.000	95.2	
Andhra Pradesh	25.000	26.000	104.0	
Tamil Nadu	17.000	19.000	111.8	
Assam	105.000	95.000	90.5	
Tripura	1.0000	0.0000	0.0	
Mumbai Region (incl Mumbai High)	1490.000	1348.000	90.5	
OIL	338.200	295.569	87.4	-12.6
Assam	336.100	293.559	87.3	
Arunachal Pradesh	2.100	2.010	95.7	
PRIVATE/JVC	1023.039	946.522	92.5	-7.5
TOTAL	3456.239	3165.091	91.6	-8.4

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.
OIL (Assam)	Higher average decline rate in matured reservoirs results in less than the envisaged production. Prolonged bandhs and blockades in OIL's operational areas in Chabua, Barekuri of Upper Assam for 7 days.
Pvt./JVCs (Rajasthan)	Less than estimated production from existing wells. Less than estimated oil production from Bhagyam wells.
Pvt./JVCs (Arunachal onshore)	Water and sand ingress problem in wells & underperformance of newly drilled wells.
Pvt./JVCs (Eastern Offshore-Ravva)	Natural decline of 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 8 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)	Tapti production is less than budget due to slippage of Mid Tapti ERD wells and MTA-4 and 6 loading & shut-in of well STD-2.
Pvt./JVCs (Western Offshore-Panna-Mukta)	Oil production is lower due to underperformance of wells, unplanned shutdown & intermittent flow from gas well PG # 1 & no flow from gas well PG #10.

A statement showing Crude Oil Production during January, 2013 and cumulatively for the period April- January, 2013 vis-à-vis 2011-12 planned production is at Annexure-I.

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II. A. REFINERY PRODUCTION

(IN TERMS OF CRUDE THROUGHPUT)

Month / Period	Planned Target (MMT)	Actual Production (MMT)	%age achievement	Surplus(+) Shortfall(-) Vis-à-vis target (%age)	Surplus(+) Shortfall(-) over last year (%age)
January, 2013*	15.643	16.043	102.6	2.6	10.5
April- January, 2013*	148.493	150.869	101.6	1.6	7.3
April- January, 2012		140.593			

*: Provisional.

The crude throughput in IOC (Guwahati, Barauni, Haldia, Mathura & Koyali), BPCL (Kochi), HPCL (Mumbai), ONGC Tatipaka, RIL (Jamnagar) & Essar Oil Ltd. Vadinar refineries have exceeded their planned target.

The crude throughput in IOC (Digboi, Panipat & Bongaigaon), BPCL (Mumbai), BORL (Bina), HPCL(Visakh), CPCL (Manali & Narimanam), NRL (Numaligarh) & MRPL (Mangalore) refineries was less than their planned target.

B. REASONS FOR SHORTFALL :

Company / State	Reasons for shortfall
IOCL, Panipat	Throughput is in line with crude availability.
IOCL, Bongaigaon	Throughput is in line with crude availability.
HPCL, Visakh	Crude Throughput reduced due to secondary units limitations
NRL, Numaligarh	Less crude receipt.
CPCL, Manali	CDU-III shutdown due to heavy naphtha line leak.
CPCL, Narimanam	Less crude availability.
MRPL, Mangalore	CDU-III was under shutdown for six days.

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

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

Month	Utilisation (%)	Period	Utilisation (%)
January, 2013*	106.7	April- January, 2013	101.6
January, 2012	106.9	April- January, 2012	95.0

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

IV. 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 (%age)
January, 2013*	3541.706	3242.243	91.5	-8.5	-16.8
April- January, 2013*	34521.197	34619.236	100.3	0.3	-13.7
April- January, 2011		40093.680			

MCM: Million Cubic Metres.

*: Provisional.

B. COMPANY-WISE ACHIEVEMENT

Company / State	Planned Target (MCM)	Actual Production (MCM)	%age achievement	Surplus(+) Shortfall(-) (%age)
ONGC	2049.768	2004.841	97.8	-2.2
Gujarat	91.127	147.273	161.6	
Rajasthan	1.258	1.091	86.7	
Andhra Pradesh	83.170	100.139	120.4	
Tamil Nadu	114.068	107.667	94.4	
Assam	38.634	35.490	91.9	
Tripura	121.032	67.175	55.5	
Mumbai High Offshore	1600.479	1546.006	96.6	
OIL	242.400	220.720	91.1	-8.9
Assam	221.400	203.340	91.8	
Arunachal Pradesh	1.500	1.700	113.3	
Rajasthan	19.500	15.680	80.4	
PRIVATE/JVC	1249.538	1016.682	81.4	-18.6
Onshore \$	22.023	66.283	301.0	
Offshore	1227.515	950.399	77.4	
TOTAL	3541.706	3242.243	91.5	-8.5

\$: Including Coal Bed Methane production.

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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. Base potential effected due to lesser
ONGC (Rajasthan)	Less offtake by consumers.
ONGC (Assam)	Production affected due to problem in heater treater. Lack of consumers.
ONGC (Tripura)	Lack of consumers.
OIL (Assam)	Higher average decline rate in matured reservoirs results in less than the envisaged production. Prolonged bandhs and blockades in OIL's operational areas in Chabua, Barekuri of Upper Assam for 7 days.
OIL (Rajasthan)	Low upliftment of Natural Gas by M/s. Rajasthan Rajya Vidyut Utpadan Nigam Ltd. (RRVUNL) during the month.
Pvt./JVCs (Arunchal onshore)	Water and sand ingress problem in wells & underperformance of newly drilled wells.
Pvt./JVCs (Gujarat Offshore-CB-OS/2)	Natural decline of the field.
Pvt./JVCs (West Bengal)	Incidentally produced CBM is being sold in small quantities. Lower than estimated gas production from the new wells.
Pvt./JVCs (Eastern Offshore-KG-DWN-98/3)	A total of 8 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)	Tapti gas production is less than budget due to slippage of Mid Tapti ERD wells and MTA-4 and 6 loading & shut-in of well STD-2.
Pvt./JVCs (Western Offshore-Panna-Mukta)	Gas production is lower due to underperformance of wells, unplanned shutdown & intermittent flow from gas well PG # 1 & no flow from gas well PG #10.

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

Annexure-I

MINISTRY OF PETROLEUM & NATURAL GAS

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

Name of the Undertaking / Unit	Planned Prodn. during the month	Production during the			Cumulative Production (April -January)			% variation over last year		% variation during the month
		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	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.	2095.000	1923.000	1986.000	1943.000	19872.700	18868.500	19922.000	-3.2	-5.3	-8.2
Onshore	605.000	575.000	613.000	588.000	5922.700	5807.500	6217.000	-6.2	-6.6	-5.0
Gujarat	457.000	435.000	463.000	437.000	4498.000	4353.000	4750.000	-6.0	-8.4	-4.8
Andhra Pradesh \$	25.000	26.000	25.000	25.000	241.000	244.000	253.000	4.0	-3.6	4.0
Tamil Nadu	17.000	19.000	21.000	19.000	176.000	204.000	208.000	-9.5	-1.9	11.8
Assam	105.000	95.000	104.000	107.000	1004.000	1006.000	1006.000	-8.7	0.0	-9.5
Tripura	1.000	0.000	0.000	0.000	3.700	0.500	0.000	0.0	0.0	-100.0
Mumbai High Offshore	1490.000	1348.000	1373.000	1355.000	13950.000	13061.000	13705.000	-1.8	-4.7	-9.5
Oil	1293.000	1172.000	1195.000	1177.000	11987.000	11325.000	12100.000	-1.9	-6.4	-9.4
Condensates	197.000	176.000	178.000	178.000	1963.000	1736.000	1605.000	-1.1	8.2	-10.7
2. Oil India Ltd. (OIL)	338.200	295.569	320.800	299.314	3304.000	3094.773	3210.090	-7.9	-3.6	-12.6
Assam	336.100	293.559	318.900	297.432	3283.900	3076.350	3187.590	-7.9	-3.5	-12.7
Arunachal Pradesh	2.100	2.010	1.900	1.882	20.100	18.423	22.500	5.8	-18.1	-4.3
3. DGH (Private / JVC)	1023.039	946.522	866.030	964.019	10158.488	9800.622	8743.709	9.3	12.1	-7.5
Onshore	765.385	746.738	571.630	736.511	7558.860	7419.699	5553.955	30.6	33.6	-2.4
Arunachal Pradesh	10.488	8.429	7.580	8.429	103.528	81.624	76.418	11.2	6.8	-19.6
Assam	0.000	0.000	0.000	0.000	0.000	0.000	0.865	0.0	-100.0	0.0
Gujarat	11.643	11.843	13.590	12.399	118.696	123.102	122.096	-12.9	0.8	1.7
Rajasthan	743.254	726.466	550.460	715.683	7336.636	7214.973	5354.576	32.0	34.7	-2.3
Offshore	257.654	199.784	294.400	227.508	2599.628	2380.923	3189.754	-32.1	-25.4	-22.5
GRAND TOTAL (1+2+3)	3456.239	3165.091	3172.830	3206.333	33335.188	31763.895	31875.799	-0.2	-0.4	-8.4
Onshore	1708.585	1617.307	1505.430	1623.825	16785.560	16321.972	14981.045	7.4	9.0	-5.3
Offshore	1747.654	1547.784	1667.400	1582.508	16549.628	15441.923	16894.754	-7.2	-8.6	-11.4

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

\$: Includes production from offshore east coast

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 January, 2013
and cumulatively for the period April 2012-January 2013 vis-à-vis 2011-12

Name of the PSU / Private Co.	Planned Prodn. during the month \$	Production during the			Cumulative Production (April - January)			(Qty: '000' Tonnes)		
		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	% variation over last year During the month under review	% variation during the month under review Upto the end of the period	% variation during the month under review planned prodn.
1	2	3	4	5	6	7	8	9	10	11
B. Refinery Production										
(In terms of crude throughput)										
Public Sector	11343.3	11236.185	10125.972	11051.102	105819.700	104476.086	100223.952	11.0	4.2	-0.9
1. IOC, Guwahati	80.0	93.267	94.065	98.450	788.000	795.529	874.349	-0.8	-9.0	16.6
2. IOC, Barauni	495.5	533.179	416.064	538.474	5036.800	5331.760	4713.433	28.1	13.1	7.6
3. IOC, Koyali	1150.0	1191.123	1162.440	1227.882	11310.000	11309.012	11834.950	2.5	-4.4	3.6
4. IOC, Haldia	685.0	688.980	672.462	675.131	6285.000	6160.192	6749.533	2.5	-8.7	0.6
5. IOC, Mathura	640.7	700.005	710.842	703.402	6669.000	7136.032	6695.515	-1.5	6.6	9.3
6. IOC, Digboi	57.0	55.297	57.405	59.677	540.000	550.884	511.793	-3.7	7.6	-3.0
7. IOC, Panipat	1364.0	1355.059	1332.035	1299.993	12404.200	12466.316	12957.455	1.7	-3.8	-0.7
8. IOC, Bongaigaon	200.0	173.444	191.133	187.108	1870.000	1945.448	1817.528	-9.3	7.0	-13.3
Total IOC	4672.2	4790.354	4636.446	4790.117	44903.000	45695.173	46154.556	3.3	-1.0	2.5
9. BPCL, Mumbai	1144.0	1135.200	1176.194	1176.359	10854.500	11040.408	11105.687	-3.5	-0.6	-0.8
10. BPCL, Kochi	860.0	880.328	821.152	624.132	8160.000	8460.433	7733.855	7.2	9.4	2.4
11. BOREL, Bina	545.0	504.659	0.000	523.620	4972.300	4634.378	0.000	0.0	0.0	-7.4
Total BPCL	2549.0	2520.187	1997.346	2324.111	23986.800	24135.219	18839.542	26.2	28.1	-1.1
12. HPCL, Mumbai	639.2	692.029	688.002	678.914	6420.500	6578.609	6155.144	0.6	6.9	8.3
13. HPCL, Visakh	822.0	755.141	537.345	867.292	7611.000	6482.074	7312.013	40.5	-11.4	-8.1
Total HPCL	1461.2	1447.170	1225.347	1546.206	14031.500	13060.683	13467.157	18.1	-3.0	-1.0
14. CPCL, Manali	929.4	893.149	864.950	882.296	8281.100	7362.092	8228.439	3.3	-10.5	-3.9
15. CPCL, Narimanam(CBR)	61.4	56.109	43.967	56.714	583.500	529.614	510.076	27.6	3.8	-8.6
Total CPCL	990.8	949.258	908.917	939.010	8864.600	7891.706	8738.515	4.4	-9.7	-4.2
16. NRL, Numaligarh	265.0	226.094	230.224	232.892	2160.500	2028.595	2394.908	-1.8	-15.3	-14.7
17. MRPL, Mangalore	1400.0	1297.155	1121.901	1213.616	11825.000	11621.589	10571.817	15.6	9.9	-7.3
18. ONGC, Tatipaka	5.1	5.967	5.791	5.150	48.300	43.121	57.457	3.0	-25.0	17.0
Private Sector \$	4299.9	4807.025	4393.824	4490.711	42673.000	46393.027	40369.435	9.4	14.9	11.8
1. RIL, Jamnagar	2639.0	3054.000	3011.000	2761.000	26064.000	29757.666	29438.000	1.4	1.1	15.7
2. Essar Oil Ltd.(EOL), Vadinar	1660.9	1753.025	1382.824	1729.711	16609.000	16635.361	10931.435	26.8	52.2	5.5
TOTAL(B) \$	15643.2	16043.210	14519.796	15541.813 #	148492.700	150869.113	140593.387	10.5	7.3	2.6

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

Reasons for shortfall as indicated in the note.

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

MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-III

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

(Qty: '000' Tonnes)

Name of the PSU / Private Co.	January, 2013			January, 2012			Cumulative (April - January)					
	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	11236.185	104.9	9901.000	10125.972	102.3	105685.000	104476.086	98.9	105398.000	100223.952	95.1
1. IOC, Guwahati	85.000	93.267	109.7	85.000	94.065	110.7	838.000	795.529	94.9	836.000	874.349	104.6
2. IOC, Barauni	510.000	533.179	104.5	508.000	416.064	81.9	5030.000	5331.760	106.0	5016.000	4713.433	94.0
3. IOC, Koyali	1164.000	1191.123	102.3	1160.000	1162.440	100.2	11485.000	11309.012	98.5	11454.000	11834.950	103.3
4. IOC, Haldia	637.000	688.980	108.2	635.000	672.462	105.9	6288.000	6160.192	98.0	6270.000	6749.533	107.6
5. IOC, Mathura	679.000	700.005	103.1	678.000	710.842	104.8	6707.000	7136.032	106.4	6689.000	6695.515	100.1
6. IOC, Digboi	55.000	55.297	100.5	55.000	57.405	104.4	545.000	550.884	101.1	543.000	511.793	94.3
7. IOC, Panipat	1274.000	1355.059	106.4	1270.000	1332.035	104.9	12575.000	12466.316	99.1	12541.000	12957.455	103.3
8. IOC, Bongaigaon	200.000	173.444	86.7	199.000	191.133	96.0	1970.000	1945.448	98.8	1965.000	1817.528	92.5
Total IOC	4604.000	4790.354	104.0	4590.000	4636.446	101.0	45438.000	45695.173	100.6	45314.000	46154.556	101.9
9. BPCL, Mumbai	1019.000	1135.200	111.4	1016.000	1176.194	115.8	10060.000	11040.408	109.7	10033.000	11105.687	110.7
10. BPCL, Kochi	807.000	880.328	109.1	805.000	821.152	102.0	7964.000	8460.433	106.2	7943.000	7733.855	97.4
11. BORL, Bina	510.000	504.659	99.0	0.000	0.000	0.0	5030.000	4634.378	92.1	5016.000	0.000	0.0
Total BPCL	2336.000	2520.187	107.9	1821.000	1997.346	109.7	23054.000	24135.219	104.7	22992.000	18839.542	81.9
12. HPCL, Mumbai	552.000	692.029	125.4	551.000	688.002	124.9	5449.000	6578.609	120.7	5434.000	6155.144	113.3
13. HPCL, Visakh	705.000	755.141	107.1	703.000	537.345	76.4	6958.000	6482.074	93.2	6939.000	7312.013	105.4
Total HPCL	1257.000	1447.170	115.1	1254.000	1225.347	97.7	12407.000	13060.683	105.3	12373.000	13467.157	108.8
14. CPCL, Manali	892.000	893.149	100.1	889.000	864.950	97.3	8803.000	7362.092	83.6	8779.000	8228.439	93.7
15. CPCL, Narimanam	85.000	56.109	66.0	85.000	43.967	51.7	838.000	529.614	63.2	836.000	510.076	61.0
Total CPCL	977.000	949.258	97.2	974.000	908.917	93.3	9641.000	7891.706	81.9	9615.000	8738.515	90.9
16. NRL, Numaligarh	255.000	226.094	88.7	254.000	230.224	90.6	2515.000	2028.595	80.7	2508.000	2394.908	95.5
17. MRPL, Mangalore	1274.000	1297.155	101.8	1001.000	1121.901	112.1	12575.000	11621.589	92.4	12541.000	10571.817	84.3
18. ONGC, Tatipaka	6.000	5.967	99.5	7.000	5.791	82.7	55.000	43.121	78.4	55.000	57.457	104.5
Private Sector \$	4332.000	4807.025	111.0	3684.000	4393.824	119.3	42756.000	46393.027	108.5	42639.000	40369.435	94.7
1. RPL, Jamnagar	2803.000	3054.000	109.0	2795.000	3011.000	107.7	27666.000	29757.666	107.6	27590.000	29438.000	106.7
2. Essar Oil Ltd.(EOL), Vadinar	1529.000	1753.025	114.7	889.000	1382.824	155.5	15090.000	16635.361	110.2	15049.000	10931.435	72.6
TOTAL \$	15041.000	16043.210	106.7	13585.000	14519.796	106.9	148441.000	150869.113	101.6	148037.000	140593.387	95.0

*: Provisional.

I/C: Installed Capacity.

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

MINISTRY OF PETROLEUM & NATURAL GAS

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

Name of the Undertaking / Unit	Planned Prod. during the month	Production during the			Cumulative Production (April - January)			(Qty: Million Cubic Metres) % variation		% variation during the month under review over planned prodn.
		Month under review *	Corres- ponding month last year	Preceding month of current year	Planned Prod. during current year	Actual Prod. during current year	Actual Prod. 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.	2049.768	2004.841	2045.566	1994.373	19803.373	19723.072	19333.715	-2.0	2.0	-2.2
Onshore	449.289	458.835	498.384	456.974	4283.781	4565.326	4779.855	-7.9	-4.5	2.1
Gujarat	91.127	147.273	163.600	151.278	1104.478	1556.969	1597.179	-10.0	-2.5	61.6
Rajasthan	1.258	1.091	1.145	1.190	12.424	12.512	13.752	-4.7	-9.0	-13.3
Andhra Pradesh	83.170	100.139	120.786	103.273	860.497	1052.113	1136.059	-17.1	-7.4	20.4
Tamil Nadu	114.068	107.667	113.041	103.982	1157.782	999.753	1077.346	-4.8	-7.2	-5.6
Assam	38.634	35.490	43.740	41.251	379.961	407.770	419.883	-18.9	-2.9	-8.1
Tripura	121.032	67.175	56.072	56.000	768.639	536.209	535.636	19.8	0.1	-44.5
Offshore	1600.479	1546.006	1547.182	1537.399	15519.592	15157.746	14553.860	-0.1	4.1	-3.4
2. Oil India Ltd. (OIL)	242.400	220.720	211.839	225.395	2449.300	2212.226	2206.091	4.2	0.3	-8.9
Assam	221.400	203.340	193.663	206.490	2237.100	2028.106	1996.627	5.0	1.6	-8.2
Arunachal Pradesh	1.500	1.700	1.223	1.648	15.000	16.140	15.437	39.0	4.6	13.3
Rajasthan	19.500	15.680	16.953	17.257	197.200	167.981	194.027	-7.5	-13.4	-19.6
3. DGH (Private / JVC)	1249.538	1016.682	1639.343	1113.634	12268.524	12683.938	18553.874	-38.0	-31.6	-18.6
Onshore	22.023	66.283	56.246	67.470	150.630	664.733	586.563	17.8	13.3	201.0
Arunachal Pradesh	2.215	1.362	1.453	1.362	18.861	18.125	18.299	-6.3	-1.0	-38.5
Assam	0.000	0.000	0.000	0.000	0.000	0.000	8.416	0.0	-100.0	0.0
Gujarat	8.530	12.941	17.408	12.985	97.670	163.402	201.017	-25.7	-18.7	51.7
Rajasthan	0.000	42.729	29.919	42.952	0.000	393.379	289.468	42.8	35.9	0.0
West Bengal \$ (CBM)	11.122	8.662	6.989	9.522	32.672	84.358	65.287	23.9	29.2	-22.1
Madhya Pradesh (CBM)	0.156	0.337	0.171	0.387	1.427	2.932	1.275	97.1	130.0	116.0
Jharkhand (CBM)	0.000	0.252	0.306	0.262	0.000	2.537	2.801	-17.6	-9.4	0.0
Offshore	1227.515	950.399	1583.097	1046.164	12117.894	12019.205	17967.311	-40.0	-33.1	-22.6
TOTAL (1+2+3)	3541.706	3242.243	3896.748	3333.402	34521.197	34619.236	40093.680	-16.8	-13.7	-8.5
Onshore	713.712	745.838	766.469	749.839	6883.711	7442.285	7572.509	-2.7	-1.7	4.5
Offshore	2827.994	2496.405	3130.279	2583.563	27637.486	27176.951	32521.171	-20.2	-16.4	-11.7

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

\$: Coal Bed Methane production.

Reasons for shortfall as indicated in the note.